



# City of Deltona

*Mayor*  
John Masiarczyk

*Vice Mayor*  
Chris Nabicht  
*District 6*

*Commissioners:*

Mitch Honaker  
*District 1*

Anita Bradford  
*District 2*

Heidi Herzberg  
*District 3*

Christopher Alcantara  
*District 4*

Brian Soukup  
*District 5*

*City Manager*  
Jane K. Shang

## PUBLIC NOTICE

**CITY OF DELTONA  
2345 Providence Blvd.  
Deltona, FL 32725**

**City Manager Agenda Review Meeting  
2<sup>nd</sup> Floor Conference Room  
Tuesday, January 17, 2017  
5:30 P.M.**

**NOTE:** If any person decides to appeal any decision made by the City Commission with respect to any matter considered at this meeting or hearing, he/she will need a record of the proceedings, and for such purpose he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based (F.S. 286.0105).

Individuals with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk, Joyce Raftery 48 hours in advance of the meeting date and time at (386) 878-8500.



# City of Deltona

2345 Providence Blvd.  
Deltona, FL 32725

## Regular Commission Meeting

### City Commission

*Mayor John C. Masiarczyk Sr.*  
*Vice Mayor Chris Nabicht*  
*Commissioner Christopher Alcantara*  
*Commissioner Anita Bradford*  
*Commissioner Heidi Herzberg*  
*Commissioner Gary Mitch Honaker*  
*Commissioner Brian Soukup*

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Tuesday, January 17, 2017

6:30 PM

Deltona Commission Chambers

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**1. CALL TO ORDER:**

**2. ROLL CALL – CITY CLERK:**

**3. INVOCATION AND PLEDGE TO THE FLAG:**

**A. [Invocation Presented by Commissioner Soukup](#)**

**Background:**

At the Regular City Commission Meeting on Monday, October 17, 2011, the City Commission approved to have each Commissioner by District schedule someone to present the invocation at each Regular City Commission meeting rotating each Commissioner by District starting with District #1, #2, #3, #4, #5, #6 and the Mayor

**4. APPROVAL OF MINUTES & AGENDA:**

**A. [Approval of minutes - Regular Commission Meeting of January 3, 2016, as presented. - Joyce Raftery, City Clerk \(386\) 878-8502.](#)**

**Background:**

N/A

**Attachments:** [January 3, 2017 Minutes \(FINAL\)](#)

**5. PRESENTATIONS/AWARDS/REPORTS:**

**A. [Recognition of Sheriff Michael J. Chitwood](#)**

**Background:**

On Tuesday, the third of January, 2017, Michael J. Chitwood was sworn in as the new Sheriff for VCSO. The Mayor, Commissioners, and staff wish to welcome Sheriff Chitwood as our sheriff for the City of Deltona.

**B. [Presentation - Quarterly Reports of City Advisory Boards/Committees - Joyce](#)**

[Raftery, City Clerk \(386\) 878-8502.](#)

**Background:**

Quarterly Reports of City Advisory Boards/Committees:

- 1) Parks and Recreation Advisory Committee - (Written Report Only)
  - Senior Advisory Sub-Committee
  - Youth Advisory Sub-Committee
  - Citizen Accessibility Advisory Sub-Committee
- 2) Affordable Housing Advisory Committee - (Written Report Only)
- 3) Ordinance Review Committee - (Presented by Vice Chairperson Sonjia Kihlmire)
- 4) William S. Harvey Deltona Scholarship Advisory Board - (Written Report Only)

**Attachments:**

[P&R 4th Quarter Report 2016](#)  
[AHAC 4th Quarter Report 2016](#)  
[ORC 4th Quarter Report 2016](#)  
[WSH 4th Quarter Report 2016](#)

- C. [Presentation: City of Deltona Sports Facility Needs Assessment - Chris Bowley, AICP, Planning and Development Services, \(386\) 878-8602.](#)

[Strategic Goal: Infrastructure. Determine a sports facility niche for the City.](#)

**Background:**

The City of Deltona (City) has a 2008 Parks Master Plan that has been followed for park facility improvements. Since 2008, the City has grown exponentially, particularly at both ends of the demographic spectrum of youth and seniors. This has been identified as a need to address in the City's Strategic Plan.

On September 12, 2016, the consultant team determined that Deltona is not currently positioned to take advantage of the Sports Tourism Market. The emphasis should be on enhancing existing sports facilities/parks in the City and participatory sports over the more regionally competitive sports complex centered (some with stadiums) spectator sports. Two key factors in the analysis were that the City has a large segment of the population in both youth and seniors and, due to the construction of multiplex sports facilities within the region, the City would be entering a very competitive local sports tourism market that already has facilities.

Thus, the City Commission expressed a desire to address the needs of local residents first and to focus on participatory sports, expansion/enhancement of existing sports facilities/parks, and to address the existing levels of service demands for all segments of

our growing population. The consultant will present this concept that also focuses on a connection between a city-center concept, the new Center at Deltona, several schools, a library, the YMCA, parks, open space, and pedestrian corridors/future trails. The City should also work to build cooperative partnerships with complementing facilities for recreation in order to prevent redundancies.

**Attachments:** [Deltona Sports Market Analysis](#)

**6. CITY COMMISSION SPECIAL REPORTS:**

**7. PUBLIC FORUM: - Citizen comments limited to items not on the agenda and comments on items listed on the agenda will take place after discussion of each item.**

*Citizen comments for any items. (4 minute maximum length per speaker)*

**CONSENT AGENDA: The consent agenda contains items that have been determined to be routine and non-controversial. If anyone in the audience wishes to address a particular item on the consent agenda, now is the opportunity for you to do so. Additionally, if staff or members of the City Commission wish to speak on a consent item, they have the same opportunity.**

**8. CONSENT AGENDA:**

**9. ORDINANCES AND PUBLIC HEARINGS:**

- A.** [Public Hearing - Ordinance No. 28-2016, Amending Chapter 94, Impact Fees, of the Land Development Code, and the City's Impact Fee Schedule for Fire/Rescue, Parks, Transportation, and Law Enforcement, at second and final reading - Chris Bowley, AICP, Planning and Development Services, \(386\) 878-8602.](#)

[Strategic Goal: Other Priority Objectives Identified - Maintain a balanced budget, reserves, and investments.](#)

**Background:**

Chapter 163.31801, Florida Statutes (FS), allows a local governments to levy impact fees to off-set "impacts" as a result of new growth. Specifically, the statutes list that impact fees are "to use in funding the infrastructure necessitated by new growth. The Legislature further finds that impact fees are an outgrowth of the home rule power of a local government to provide certain services within its jurisdiction." The statute requires local governments to provide "notice no less than 90 days before the effective date of an ordinance or resolution imposing a new or increased impact fee." Ordinance No. 28-2016 complies with this law.

The City collects impact fees for increased intensity of land uses and has had moratoriums in the past to help businesses locate or expand within the City. With economic recovery, the City updated its impact fees for parks, fire rescue, law enforcement, and transportation fees (water and sewer impact fees are within Deltona Water). In 2007, the City had an impact fee study completed that created an extensive list of land uses and fees. Some development applications did not always match that adopted land use list. The series of adoptions of fees is included in the composite attachment (see attached).

In 2015, the City contracted Burton & Associates (Burton) to revisit the adopted impact fees and to create a simplified uniform land use list that reflects Deltona's land use pattern. The impact fees for fire/rescue and law enforcement were found to be comparable to local communities similar to Deltona and are recommended for adoption. The existing parks impact fee is higher than comparative communities and Burton recommends keeping the current parks fee. The proposed transportation impact fees from Burton for some land use categories is higher. The City Commission directed staff to revisit those fees and a comparative analysis was performed. The recommended impact fee schedule within the attached Ordinance No. 28-2016 is the result of that analysis. Where the Burton transportation fee was higher than average, the City's current fee matching the City's land development pattern is recommended to be kept for economic development. It is also recommended that City impact fees be reviewed at least every five (5) years to remain current and to minimize large increases per update. Finally, the Planning & Zoning Board reviewed Ordinance No. 28-2016 on November 16, 2016, and voted unanimously (5-0) for the City Commission to adopt the ordinance. The City Commission voted unanimously (7-0) on December 12, 2016, to approve the ordinance at first reading.

**Attachments:** [Ord No 28-2016 Impact Fees](#)  
[Impact Fee Comparison Table](#)  
[Existing Impact Fees Composite](#)  
[Burton Impact Fee Study Report](#)

- B. [Public Hearing - Request for Rehearing of Ordinance No. 30-2016, Rezoning Request for ±1.46 acres of land located near of the intersection of DeBary Ave. and Providence Blvd., at first reading - Chris Bowley, AICP, Director of Planning and Development Services, \(386\) 878-8602.](#)

[Strategic Goal: Economic Development - work with existing businesses to expand and grow.](#)

**Background:** The subject site consists of a portion of several Deltona Lakes Plat

lots and tracts, is developed with a single family dwelling, with the remainder of the site including vacant land. There is also a wetland area located at the rear of the property. The property is currently zoned as Professional Business (PB) and is designated as Commercial on the City's Future Land Use Map; thus the requested zoning designation is consistent with the future land use designation. The conventional PB and proposed C-1 zoning classifications are considered "by-right" designations that include a range of permitted and conditional uses that have to conform to the associated performance standards.

The proposed rezoning from PB to C-1 (Retail Commercial) zoning will allow for a broader range of permitted and conditional land uses on-site. The parcel to the west has a PB zoning designation, with medical office, and to the east and south, a C-1 zoning designation. The property to the east is developed with a 7-11 convenience store. The proposed rezoning action proposes a joint driveway with the 7-11 site, with utilization of the existing driveway location as a right-in/right-out along the south side of DeBary Ave.

There is an RP (Resource Protection) zoned tract southeast of the site and R-1 zoned lands that are developed with single-family homes as part of the Deltona Lakes Plat to the north. The site is also within the Enterprise Commercial Overlay District that includes architectural elements, such as building design, color, and site development requirements consistent with the Florida vernacular style. Finally, the Spring-to-Spring recreational trail is adjacent to the property to the south.

Both the PB and C-1 zoning districts are consistent with the Commercial future land use designation. The proposed rezoning to C-1 meets adjacency to the 7-11 commercial property to the east and the facilitation along an arterial roadway to the north. The joint access driveway proposed facilitates coordinated access management in relation to the signalized intersection at Providence Blvd. and DeBary Ave.

While the C-1 zoning designation as a policy decision is consistent and compatible with the City's Comprehensive Plan, any development on-site would have to meet the performance standards of that zoning district and accompanying land development regulations. Thus, development will have to comport to internal circulation and trip capture, utilize suitable soil, provide for safe ingress and egress of both pedestrians and vehicles, honor building setbacks and landscape buffers, service area storage, turning radii, solid waste collection, stormwater management, and emergency response accommodation. Staff can support a policy decision that is

consistent and compatible with development at intensities, scaling, and massing that properly utilizes access management on-site and similar to adjacent uses.

On August 17, 2016, the City of Deltona Planning and Zoning Board heard the rezoning request and voted 5-2, with one member abstaining due to land ownership nearby, to recommend that the City Commission deny the rezoning request. The overarching reasons for the Board's denial were lack of horizontal control, resource protection, and land use compatibility. On September 19, 2016, the City Commission heard the first reading of Ordinance No. 30-2016 and voted 4-3 to deny the rezoning request.

Pursuant to Section 110-1005 of the City's Land Development Code, the applicant has filed for a rehearing to have Ordinance No. 30-2016 reheard by the City Commission and filed the proper materials to follow Section 110-1005 of the City's Land Development Code. Under that code provision, if the rehearing is not granted, or if the rehearing is granted and the rezoning request is then denied, a petition for a similar rezoning cannot take place until at least one year has elapsed from the date of rendition. If the City Commission decides to grant the rehearing motion, the City Commission must state its reasons for doing so, and set a time, date and place for another public hearing with notice to the public of when it would review the rezoning.

The standards to be considered for a rezoning are as follows. A rezoning is first reviewed for consistency with the purposes and intent of the Comprehensive Plan and Zoning Ordinance, and for the ability of the application to meet the standards for approval of the application that are contained in the relevant laws and ordinances governing the application's approval. Section 110-1101, Deltona City Code, states that the City shall consider the following matters when reviewing applications for amendments to the Official Zoning Map:

1. Whether it is consistent with all adopted elements of the Comprehensive Plan.
2. Its impact upon the environment or natural resources.
3. Its impact upon the economy of any affected area.
4. Notwithstanding the provisions of Article XIV of the Land Development Code, Ordinance No. 92-25 [Chapter 86, Code of Ordinances] as it may be amended from time to time, its impact upon necessary governmental services, such as schools, sewage disposal, potable water, drainage, fire and police protection, solid waste or transportation systems.
5. Any changes in circumstances or conditions affecting the area: In the last 5-10 years the area has seen significant

change.

6. Any mistakes in the original classification.

7. Its effect upon the public health, welfare, safety, or morals.

If an applicant satisfies its burden of proving based on substantial and competent evidence before the reviewing body that its request is consistent with the Comprehensive Plan and required standards in the zoning code, the burden shifts to the local government to prove based on substantial competent evidence that maintaining the existing zoning accomplishes a legitimate public purpose.

A rezoning is quasi-judicial in nature and must be based on substantial competent evidence. The opinions of staff and other professionals in their fields of expertise would constitute competent substantial evidence, as well as the recommendation of a planning commission, if its recommendation is based on competent substantial evidence before it. The City staff report was thorough and recommended approval, in part due to adjacency. The planning commission's vote did not recommend approval. Testimony from the public is generally not competent substantial evidence on matters, which are technical in nature, but may be considered if based on a matter of which the individual had firsthand knowledge or how a proposal would affect the person's quality of life. Argument by attorneys is not viewed as competent substantial evidence

**Attachments:**

[Ordinance No. 30-2016](#)

[Dollar Tree Staff Report](#)

[Staff Report Maps](#)

[Motion for Rehearing by Applicant](#)

[mailing affidavit](#)

- C. [Public Hearing - Ordinance No. 32-2016, Rezoning ±1.67 acres located at 3151 Howland Blvd. from C-2 \(General Commercial\) to C-1 \(Retail Commercial\), at second and final reading - Ron A. Paradise, Assistant Director, Planning and Development Services \(386\) 878-8610.](#)

[Strategic Goal: Economic Development - focus on Howland Blvd. as a gateway for commercial growth.](#)

**Background:**

The subject property is known as the Jena Medical development (Jena Medical) complex and was used to house the Health Department offices. Jena Medical consists of three (3) office buildings surrounding by a parking lot. The facility now has vacant leasable area that has been difficult to fill. Therefore, the owner is requesting the property be rezoned from C-2 to C-1 to allow for a house of worship as a permitted use, which is interested in becoming a tenant. No daycare facility or other ancillary uses potentially

associated with churches are planned.

The requested C-1 zoning is consistent with the Comprehensive Plan, does not result in the creation of non-conforming uses and structures, and is compatible with existing commercial and institutional land uses (Deltona High School, four houses of worship) in the immediate area. For more information, including graphics, see the attached staff report. Through this action, the entire site is proposed to be rezoned. The Planning & Zoning Board voted unanimously (5-0) on November 16, 2016, to recommend City Commission adoption of the ordinance and the City Commission voted 6-1 at their December 12, 2016, public hearing to approve Ordinance No. 32-2016.

**Attachments:** [Ord No. 32-2016 Jena Rezone](#)  
[Staff Report](#)  
[Location Map](#)  
[Aerial Photo](#)  
[Floodplain Map](#)  
[Future Land Use Map](#)  
[Existing Zoning](#)  
[Proposed Zoning](#)

- D. [Public Hearing - Ordinance No. 34-2016, Amending the Comprehensive Plan of the City of Deltona Capital Improvements Element, at first reading - Ron Paradise, Assistant Director, Planning and Development Services, \(386\) 878-8610.](#)

[Strategic Goal: Infrastructure - create a utility master plan consistent with zoning.](#)

**Background:** Pursuant to Chapter 163.3177(3)(b) F.S., the Capital Improvements Element (CIE) in the City's Comprehensive Plan must be reviewed and updated on an annual basis. The proposed amendment provides for the replacement of the Capital Improvements Project sheets (in strike-through/underline format) through the adoption of the CIE report and submittal to the Florida Department of Economic Opportunity (DEO).

Staff reviewed the current class "A" concurrency items and summarized expenditures/funds carried over for the next five (5) years to ensure compliance with the adopted level of service (LOS) standards. All financial and budgetary information in this CIE report was derived from the most recently adopted City budget. Finally, the Planning and Zoning Board reviewed Ordinance No. 34-2016 and CIE report at their December 21, 2016, meeting and voted

unanimously (6-0) to recommend that the City Commission adopt Ordinance No. 34-2016.

**Attachments:** [Ordinance No. 34-2016](#)  
[CIE 2016-2017 Report](#)

**10. OLD BUSINESS:**

**11. NEW BUSINESS:**

**A. [Request for City of Deltona funds.](#)**

**Background:** The Commission discussed at several meetings the \$35,000 discretionary fund which could be provided to non-profit organizations that applied for them. The Commission directed staff to come up with an application and guidelines for this funding which has been done.

Attached is a request from the FUTURES Foundation/Take Stock in Children (TSIC) in the amount of \$2,500.00 to assist in a Florida Prepaid College Scholarship for a student residing within the City of Deltona who is entering the 9th Grade.

**Attachments:** [Request for Funds - FUTURES Foundation-Take Stock in C](#)

**B. [Authorization to utilize Volusia County's Cooperative Purchasing Professional Services Agreement for Disaster Cost Recovery and Related Grant & Project Management - Robert Clinger, Finance Department \(386\) 878-8552.](#)**

**Background:** Volusia County has awarded a Cooperative Agreement to Thompson Consulting Services, LLC. The City of Deltona can utilize this agreement for Thompson Consulting, LLC to provide professional services to assist with data gathering, record keeping, damage assessment and other grant management tasks associated with federally declared disaster events at the hourly rates provided. The City of Deltona will be reimbursed most of the direct cost for these tasks from FEMA as part of the public assistance. There is a quote of costs attached.

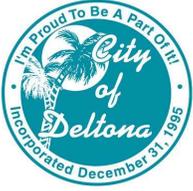
**Attachments:** [Executed NTP, Complete Thompson Consulting, 10-05-16 Award Recommendation Tabulation.pdf](#)  
[Award Document \(2\).pdf](#)  
[Cooperative Purchasing Agreement](#)  
[Thompson Grant Services Scope and Budget Estimate T](#)

**12. CITY ATTORNEY COMMENTS:**

**13. CITY MANAGER COMMENTS:****14. CITY COMMISSION COMMENTS:****15. ADJOURNMENT:**

*NOTE: If any person decides to appeal any decision made by the City Commission with respect to any matter considered at this meeting or hearing, he/she will need a record of the proceedings, and for such purpose he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based (F.S. 286.0105).*

*Individuals with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk, Joyce Raftery 48 hours in advance of the meeting date and time at (386) 878-8500.*



## Agenda Memo

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**AGENDA ITEM: A.**

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 3 - A

**SUBJECT:**

Invocation Presented by Commissioner Soukup

**LOCATION:**

N/A

**BACKGROUND:**

At the Regular City Commission Meeting on Monday, October 17, 2011, the City Commission approved to have each Commissioner by District schedule someone to present the invocation at each Regular City Commission meeting rotating each Commissioner by District starting with District #1, #2, #3, #4, #5, #6 and the Mayor

**COST:**

N/A

**SOURCE OF FUNDS:**

N/A

**ORIGINATING DEPARTMENT:**

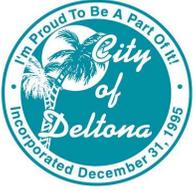
City Manager's Office

**STAFF RECOMMENDATION PRESENTED BY:**

N/A - Invocation Only

**POTENTIAL MOTION:**

N/A - Invocation Only



## Agenda Memo

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**AGENDA ITEM: A.**

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 4 - A

**SUBJECT:**

Approval of minutes - Regular Commission Meeting of January 3, 2016, as presented. - Joyce Raftery, City Clerk (386) 878-8502.

**LOCATION:**

N/A

**BACKGROUND:**

N/A

**COST:**

N/A

**SOURCE OF FUNDS:**

N/A

**ORIGINATING DEPARTMENT:**

City Clerk's Office

**STAFF RECOMMENDATION PRESENTED BY:**

City Clerk Joyce Raftery - That the Commission approve the minutes of the Regular Commission Meeting of January 3, 2016, as presented.

**POTENTIAL MOTION:**

"I move to approve the minutes of the Regular Commission Meeting of January 3, 2016, as presented."



# City of Deltona

2345 Providence Blvd.  
Deltona, FL 32725

## Minutes

### City Commission

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**Tuesday, January 3, 2017**

**6:30 PM**

**Deltona Commission Chambers**

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#### **1. CALL TO ORDER:**

The meeting was called to order at 6:30 p.m. by Vice Mayor Nabicht.

#### **2. ROLL CALL – CITY CLERK:**

**Present:** 8 - Commissioner Alcantara  
Commissioner Bradford  
Commissioner Herzberg  
Commissioner Honaker  
Commissioner Soukup  
Vice Mayor Nabicht  
City Manager Shang  
City Attorney Vose

**Absent:** 1 - Mayor Masiarczyk

#### **3. INVOCATION AND PLEDGE TO THE FLAG:**

##### **A. Invocation Presented by Commissioner Alcantara**

Commissioner Alcantara gave the invocation and introduced Joy Tesis a 7th Grader from Deltona Middle School who sang the National Anthem.

#### **4. APPROVAL OF MINUTES & AGENDA:**

##### **A. Approval of minutes - Regular Commission Meeting of December 12, 2016, as presented. - Joyce Raftery, City Clerk (386) 878-8502.**

**Motion by Commissioner Herzberg, seconded by Commissioner Honaker, to approve the minutes of the Regular Commission Meeting of December 12, 2016, as presented. The motion carried by the following vote:**

**For:** 6 - Commissioner Alcantara, Commissioner Bradford, Commissioner Herzberg, Commissioner Honaker, Commissioner Soukup, and Vice Mayor Nabicht

#### **5. PRESENTATIONS/AWARDS/REPORTS:**

**A. Recognition of Mindy Goode - Pine Ridge High Educator Earns 'Excellence in Education' Award**

Vice Mayor Nabicht and the Commission presented a Certificate of Recognition to Mindy Goode with Pine Ridge High School for being named one of three winners of the state's 2016 Excellence in Education award.

**C. Super Star Student of the Month Certificates for December 2016**

Vice Mayor Nabicht and the Commission presented Certificates of Recognition to the Super Star Students for the month of December, 2016.

Vice Mayor Nabicht called for a brief recess at 6:46 p.m. and reconvened at 6:47 p.m.

**B. Deltona Video Communications Update - Lee Lopez, PIO (386) 878-8755 Strategic Goal: Internal & External Communications- update the City's media (City website) and broaden DeltonaTV outreach.**

Public Information Officer Lee Lopez gave a brief presentation regarding ongoing efforts to improve the methods the City communicates information to the public, using current hardware and wireless internet technology.

**6. CITY COMMISSION SPECIAL REPORTS:**

None.

**7. PUBLIC FORUM: - Citizen comments limited to items not on the agenda and comments on items listed on the agenda will take place after discussion of each item.**

Richard Bellach, 1665 S. Acadian Drive, Deltona spoke about Deltona having a lot of crime and he gave some examples. He spoke about drug sweeps, thefts, youth playing basketball, youth not being able to get a job, economic anxiety, certain businesses that are not in the City, local colleges and students leaving the City after graduation, deputies not making enough money, the foreclosure rate, stimulating the economy, and the City being stagnant and needing a change.

Victor Ramos, Bethune Cookman University, 1555 Saxon Blvd., Deltona, spoke about Bethune Cookman Deltona campus having a job fair on Thursday, January 12th from 3:00 p.m. to 7:00 p.m. with on the spot hiring and he listed several of the open positions.

Kurt Sniffin, Deltona, spoke about the Special Commission Workshop held last Thursday, needing a consensus of the residents to determine what is wanted by the community, a statement made to hold public record requests, and he asked the Commission to consider a motion of no confidence on Jane Shang and he gave examples of why.

Patricia Gibson, 230 Courtland Blvd., Deltona, spoke about essential function of a Code Enforcement Officer, unlicensed contractor doing work in the City and a Code Officer

who investigated it doing nothing, the unlicensed contractor having a bench warrant for his arrest at the time he was doing the work, the City not protecting the residents of Deltona, fining the unlicensed contractors, the City turning over information to the State Attorney's Office but, they did not receive it, and the City knowing about the unlicensed contractors for months.

Anson Chucci, 2091 Roseway Ave., Deltona, spoke about watching a lot of things going on in the City, there being no team work, the Commission needing to come together for the City, the Special Commission Workshop held last Thursday did not help the current situation, and the Commission finding it within themselves to do the job they were elected to do.

Brandy White, City on the Move, 2926 Chalmer St., Deltona, asked 12 questions of the Commission that she and her organization would like answered and she went through them.

Mike Williams, Deltona Dr. Martin Luther King Committee, 2889 Cottageville St., Deltona, spoke about his management experience and how he would address his employees, the Deltona Martin Luther King (MLK) weekend celebration and Mike Chitwood being a guest speaker, two organizations who are making a difference in the City, creating a "Citizen of the Year Award" which will be presented to City Manager Shang, he suggested that the Commission look at City Manager Shang's resume to see what she brings to the table, and that the Commission needing to stay focused on what the City is doing and what can be done.

John Viccaro, Local Union 2913, spoke about Sheriff Chitwood's swearing in and he suggested everyone look at the video to gather some inspiration. He spoke about being in Ms. White's position not long ago, to take a breath in 2017 and move forward, gathering information for public record requests, being in a position where we are creating more issues than we are resolving, providing for those less fortunate, that people are suffering in Deltona, the City not moving forward, not being able to see the light at the end of the tunnel for those less fortunate, putting personal and political agenda aside and to go out in the community to see what is going on.

John Fleemin, Local Union 2913, spoke about serving on the Firefighters' Pension Board and that it is an honor working with Gene Gizzi, that it does not matter what he does for a living and his independent knowledge is what makes him an asset.

**CONSENT AGENDA: The consent agenda contains items that have been determined to be routine and non-controversial. If anyone in the audience wishes to address a particular item on the consent agenda, now is the opportunity for you to do so. Additionally, if staff or members of the City Commission wish to speak on a consent item, they have the same opportunity.**

#### **8. CONSENT AGENDA:**

None.

**9. ORDINANCES AND PUBLIC HEARINGS:**

None.

**10. OLD BUSINESS:****A. Request for City of Deltona funds.**

**Motion by Commissioner Soukup, seconded by Commissioner Bradford, to approve the request for City funds to the West Volusia Wolves JV Cheerleading Squad in the amount of \$2,500.**

**Amended motion by Commissioner Soukup, seconded by Commissioner Bradford, to amend the original motion in the amount of \$1,000. The amended motion carried by the following vote:**

**For:** 6 - Commissioner Alcantara, Commissioner Bradford, Commissioner Herzberg, Commissioner Honaker, Commissioner Soukup, and Vice Mayor Nabicht

**The original motion carried by the following vote:**

**For:** 6 - Commissioner Alcantara, Commissioner Bradford, Commissioner Herzberg, Commissioner Honaker, Commissioner Soukup, and Vice Mayor Nabicht

**Motion by Commissioner Herzberg, seconded by Commissioner Honaker, to include cheerleading as one of the categories that can be added to the recognition entrance signs.**

**For:** 6 - Commissioner Alcantara, Commissioner Bradford, Commissioner Herzberg, Commissioner Honaker, Commissioner Soukup, and Vice Mayor Nabicht

**11. NEW BUSINESS:****A. RFP # 17009 Broker/Agenda For Insurance Program - Richard Adams, Human Resources (386) 878-8752 - Fiscal Responsibility**

Vice Mayor Nabicht opened the public hearing.

Brandy White, 2926 Chalmer St., Deltona, clarified what she stated earlier under Public Forum, that had everyone thoroughly thought through any conflicts of interest of having an insurance broker on the Firefighter's Pension Board and the comment had nothing to do with his character or who he is.

Vice Mayor Nabicht closed the public hearing.

**Motion by Commissioner Herzberg, seconded by Commissioner Honaker, to enter into an agreement with Gene Gizzi Insurance Services to provide the required services at a monthly fixed cost of \$5,000. The motion carried by the following vote:**

**For:** 6 - Commissioner Alcantara, Commissioner Bradford, Commissioner Herzberg, Commissioner Honaker, Commissioner Soukup, and Vice Mayor Nabicht

**B. Request for approval of appointment of members to the Firefighters' Pension Plan, Board of Trustees - Joyce Raftery, City Clerk's Department (386) 878-8502.**

Vice Mayor Nabicht opened the public hearing.

John Fleemin, Local 2913, spoke about agreeing with Commissioner Herzberg's comments and he asked for Commissioner Alcantara to explain what he was suggesting by "like mindset" and why that would be a detriment. He stated that the Firefighters' Pension (FFP) Board made a motion at their last meeting to have a Joint Workshop with the Commission and the board is waiting on a response.

Gene Gizzi, 751 Brechner Terrace, Deltona, spoke about in the Commission's position he would be asking the same questions, the real liability for the plan falls squarely on the head of the trustees and unlike any other position or board that he has served on the liabilities go to the grave meaning that he could serve on the board for six years, live another 20 years of not serving on the board and still carry the liabilities. He stated when you attend the educational meetings for the trustees the liabilities are drilled into you and are constantly being re-enforced to each other. Also, he stated when firefighters sit at the table of the FFP board they are sitting there as trustees and when you sit at a table with a multi-million dollar liability to your grave it has a way of leveling the playing field.

Vice Mayor Nabicht closed the public hearing.

**Motion by Commissioner Honaker, seconded by Commissioner Bradford, that Janet Deyette and Gene Gizzi be re-appointed to the Firefighters' Pension Plan, Board of Trustees for terms to expire on January 15, 2021. The motion carried by the following vote:**

**For:** 6 - Commissioner Alcantara, Commissioner Bradford, Commissioner Herzberg, Commissioner Honaker, Commissioner Soukup, and Vice Mayor Nabicht

**12. CITY ATTORNEY COMMENTS:**

Assistant City Attorney Vose stated that City Attorney Vose is still very ill, is working on her recovery and is hoping to be back some time in the near future.

**13. CITY MANAGER COMMENTS:**

City Manager Shang stated the next Regular Commission Meeting will be held on Tuesday, December 17th due to Monday being a holiday in honor of Dr. Martin Luther King.

**14. CITY COMMISSION COMMENTS:**

Commissioner Herzberg wished everyone a Happy New Year and a happy, healthy and prosperous new year. She stated she attended the swearing in of Sheriff Chitwood who did a New Year's Eve into New Year's Day patrol in Deltona and it was good to have him here. She stated to segue into that is the situation of fireworks, everyone has seen and heard the complaints. Being out on New Year's Eve and seeing what calls were coming in for the Sheriff's department and what was going on in the City including a bad accident on Providence Blvd. and Doyle Road and other things going on. There are a lot of things the Sheriff's department has to do especially covering the massive amounts of roads in the City so she started to think about the firework complaints and what kind of solution there is. As the Commission knows the City cannot supersede State law and cannot put into effect an ordinance that is going to conflict with what the State has. She stated she spoke with both City Manager Shang and Captain Eagan and she suggested for July 4th and New Year's Eve to take six (6) of the 15 Code Enforcement Officers who could work those evenings and she is hoping to have a phone App by that time so that citizens could report issues which would go directly to Code Enforcement who could start around 7:00 p.m. or 8:00 p.m. on those evenings. She stated she knows that the people using the fireworks have to get caught using them in order to have them arrested or in violation of a City ordinance but, to go ahead and say there is nothing the City can do is not serving the residents either. So by having Code Enforcement in the City patrolling, especially on July 4th and New Year's Eve, taking the calls, going to the areas where there are problems and if they observe people shooting off fireworks then they can call for a deputy. She stated she is asking to see if it is possible for staff to look into something like that and speak with the Sheriff's department so the residents have some place to call because it is a problem.

**Motion by Commissioner Herzberg, seconded by Commissioner Honaker, to schedule an agenda item for either a workshop or a future Regular Commission Meeting to discuss the City ordinance pertaining to fireworks. The motion carried by the following vote:**

**For:** 6 - Commissioner Alcantara, Commissioner Bradford, Commissioner Herzberg, Commissioner Honaker, Commissioner Soukup, and Vice Mayor Nabicht

**After discussion, the Commission concurred to have the City's ordinance related to fireworks discussed at a future workshop and directed City Manager Shang to place the item on a future workshop agenda and to have Captain Eagan, Fire Chief**

**Snyder and City Attorney look at the ordinance.**

Vice Mayor Nabicht stated the first ordinance is out dated, not in compliance with F.S. Chapter 791 and needs to be updated and he suggested having staff provide some draft ideas.

Commissioner Honaker wished everyone a Happy New Year. He stated we do have a great City and he does not want people watching to go away with the wrong impression. Deltona has one of the lowest crime rates in Volusia County, almost as low as Lake Helen with a population of around 2,000 people and Deltona has a population of 87,000 people. He stated he reads the paper every morning to try and stay up on what is current and he does not see Deltona in there with all the crimes that were mentioned. Like any other City if there is a crime committed it is in the paper but, more often than not Deltona is in the paper for the Flow Mobile at City Hall, and meeting and groundbreaking dates. There is a lot going on in the City, there is a lot of economic development going on and he listed several businesses going in the City. He stated before a City can get shopping stores and restaurants the City has to have a lunch crowd and other businesses or the restaurants will not come. He reminded everyone that Relay For Life is coming up and on Thursday, March 30th the Commission will be washing cars at Top Self Car Wash from open to close, in shifts, to clean cars and for every car washed Top Shelf will donate a \$1.

Commissioner Alcantara asked Assistant City Attorney Vose if City policies and rules applied to Charter Officers and Assistant City Attorney Vose replied there are a number of policies and procedures within the City and he asked if Commissioner Alcantara could be more specific. Commissioner Alcantara clarified, that he was speaking about the administrative policy which refers to personal notes being public record and that City Attorney Vose had stated in an email that her personal notes are not public record and he does not want to make a mistake. Assistant City Attorney Vose replied it is a complicated area, under a number of Florida Supreme court cases and attorney general's opinions personal notes made to yourself as a reminder to recall what you intend to do or say generally are held to not be public records but, any notes written down with the intention or given to someone else, transmit them or be a formalization or memorialization as public information those are public record and he gave an example. Commissioner Alcantara stated if he had notes to ask questions regarding an agenda item would that be considered public record and Assistant City Attorney Vose replied if the notes were solely for yourself as reminders and not memorialization's of your work as Commissioner.

Commissioner Alcantara stated on December 12, 2016 the Commission agreed to workshop the sewer/septic ordinance resolution in January but, he had not heard the date for that and City Manager Shang replied she was looking at the last workshop in January. Commissioner Alcantara asked when the Commission would know if that date is concrete or not and City Manager Shang replied she can get with staff to obtain any staff comments for review but, it looks like it will be the last workshop in the month.

Commissioner Alcantara asked City Manager Shang to please be more responsive to

his emails, he had sent several emails and he has not received a response back. He stated he knows she is busy but, he asked that she be more responsive to his emails moving forward and City Manager Shang replied she will respond to his emails as quickly as possible.

Commissioner Bradford stated she is assuming that the question about sticky notes pertains to her, she writes herself sticky notes because as the Commission goes down the line, she has a bad memory and she will forget what she was going to say so when somebody brings something up she will write it down to bring it up. She stated any time she is seen writing a sticky note and if anyone after the meeting would like to view them, she has nothing to hide because generally what she is speaking about she will speak about openly right here. She stated she appreciated Commissioner Alcantara bringing it up because she wants everybody to know she is being fair and transparent. She wished everyone a Happy New Year and a wonderful and prosperous new year. She stated she attended the swearing in of Sheriff Chitwood, it was very encouraging and uplifting, she is excited that the new Sheriff is going to be based out of Deltona and she thinks that will send a message to any criminals that they probably want to go to a different City because there is a new Sheriff in town. She congratulated Great Clips on their grand opening, there are more businesses coming in which is great for the City's economic stability. She stated Commissioner Herzberg addressed the fireworks and her question was if a celebration ordinance could be done. She reminded everyone that on January 14th is the Martin Luther King breakfast with a theme of "Unity is our Strength" and she would like to see the Commission take that message very strongly because that is what the residents count on them to do, the Commission is not always going to agree with the each other but business is business, personal is personal, just because the Commission has those differences it does not mean they do not respect each other and there are going to be differences of opinions which is what will balance them out and if there is an opinion that someone does not agree with she wants to know because that input is critical to growth. She hopes in 2017 the Commission will unite, put all its differences aside and they are going to make this the best, the biggest and the baddest City in Volusia County.

Vice Mayor Nabicht wished everyone a Happy New Year. He stated 2017 is going to afford us a tremendous amount of opportunities, there is a new County Council Chair as well as new County Councilmembers that he is excited to be working with and he thinks Deltona has an opportunity in 2017 to set the tone for the rest of Volusia County. He stated the City has a good working relationship with those taking new council seats and with those already on the council. He stated he was excited to listen to Sheriff Chitwood's words where he specifically called out Deltona and he will specifically address in his plan to move law enforcement forward in this county by making Deltona that trial ground. The boots will be on the ground in Deltona first for technology, new initiatives, better policing and community policing where deputies will not only be answering calls but, will be getting out of their vehicles and getting into neighborhood policing. He suggested that people take the time to meet Sheriff Chitwood when he is around town, he will be at the MLK breakfast and he is excited about the programs that Sheriff Chitwood has talked about bringing forward for Deltona's youth, putting resource officers back into the schools, bringing the Police Athletic League (PAL) program to

Deltona, developing public and private relationships between the Sheriff's office and the community and the City will have the opportunity to set the model for Volusia County. What made it work for Sheriff Chitwood in Daytona Beach is he had the support of the elected officials and the Manager and that means "putting our money where our mouth is." When Sheriff Chitwood brings forth a program to Deltona and he asks for partial funding the City has to look at the value of the request. He stated he thinks this next year with Sheriff Chitwood it is going to be an exciting ride and he is looking forward to working with him, the entire Commission and the community must try to make the City a safer and better place to attract more businesses. He stated the housing builds are up, permits are going up and the City is on the right track. He stated the next step is the City will be getting into the budget process.

**15. ADJOURNMENT:**

There being no further business, the meeting adjourned at 8:16 p.m.

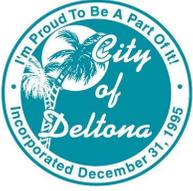
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John C. Masiarczyk, Sr., MAYOR

ATTEST:

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Joyce Raftery, CMC, MMC, CITY CLERK



## Agenda Memo

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**AGENDA ITEM: A.**

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 5 - A

**SUBJECT:**

Recognition of Sheriff Michael J. Chitwood

**LOCATION:**

N/A

**BACKGROUND:**

On Tuesday, the third of January, 2017, Michael J. Chitwood was sworn in as the new Sheriff for VCSO. The Mayor, Commissioners, and staff wish to welcome Sheriff Chitwood as our sheriff for the City of Deltona.

**COST:**

N/A

**SOURCE OF FUNDS:**

N/A

**ORIGINATING DEPARTMENT:**

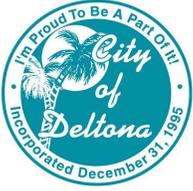
City Manager's Office

**STAFF RECOMMENDATION PRESENTED BY:**

N/A - Recognition Only

**POTENTIAL MOTION:**

N/A - Recognition Only



## Agenda Memo

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**AGENDA ITEM: B.**

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 5 - B

**SUBJECT:**

Presentation - Quarterly Reports of City Advisory Boards/Committees - Joyce Raftery, City Clerk (386) 878-8502.

**LOCATION:**

N/A

**BACKGROUND:**

Quarterly Reports of City Advisory Boards/Committees:

1) Parks and Recreation Advisory Committee - (Written Report Only)

- Senior Advisory Sub-Committee
- Youth Advisory Sub-Committee
- Citizen Accessibility Advisory Sub-Committee

2) Affordable Housing Advisory Committee - (Written Report Only)

3) Ordinance Review Committee - (Presented by Vice Chairperson Sonjia Kihlmire)

4) William S. Harvey Deltona Scholarship Advisory Board - (Written Report Only)

**COST:**

N/A

**SOURCE OF FUNDS:**

N/A

**ORIGINATING DEPARTMENT:**

City Clerk's Department

**STAFF RECOMMENDATION PRESENTED BY:**

N/A - Presentation Only.

**POTENTIAL MOTION:**

N/A - Presentation Only.

**PARKS & RECREATION DEPARTMENT  
QUARTERLY REPORT  
OCTOBER, NOVEMBER, DECEMBER 2016**

**Parks & Recreation Advisory Board**

**Fourth quarter:**

- This advisory board had no meeting in October, November or December.

**Citizen Accessibility Advisory Sub-Committee**

**Fourth quarter:**

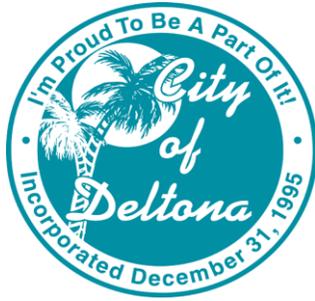
- This sub-committee had no meeting in October, November or December.

**Senior Advisory Sub-Committee**

**Fourth quarter:**

- This sub-committee had no meeting in October, November or December.

Respectfully submitted,  
Steve Moore, Director  
Parks and Recreation Department



# City of Deltona

## FOURTH QUARTER (4<sup>th</sup>) 2016 AFFORDABLE HOUSING ADVISORY COMMITTEE REPORT

### **MEETING DATES:**

The last Affordable Housing Advisory Committee (AHAC) meeting was on September 20, 2016. The AHAC did not meet in December because Staff was initiating the disaster relief program for income eligible applicants to address hurricane damage associated with Hurricane Mathew.

### **ITEMS HEARD AT THE AFFORDABLE HOUSING ADVISORY COMMITTEE MEETINGS:**

- A. At the last AHAC meeting, the AHAC discussed changes to the Local Housing Assistance Plan. The changes involved increasing the purchase assistance award amounts and under owner occupied rehabilitation eliminating a requirement for an applicant to have homeowners insurance. Those changes were approved by the City Commission on November 7, 2016.

### **DISCUSSIONS/ORIENTATION/ELECTIONS:**

- A. **By the Committee:**
- a. Next year there are several topics AHAC will be discussing including impediments to fair housing and homeless prevention. To help to further inform the AHAC about homelessness, in December of 2016, a volunteer opportunity was passed to AHAC membership to participate in the annual Volusia-Flagler Coalition for the Homeless "Point in Time" homelessness count scheduled for January 24<sup>th</sup> and 25<sup>th</sup> of 2017. There is anticipation the AHAC membership will act on the volunteer opportunity with observations forthcoming for colleagues and others to review and discuss.
- B. **By the City Attorney:**
- a. None.
- C. **By Planning & Development Services Staff:**
- a. None.



# City of Deltona

## FOURTH QUARTER (4<sup>th</sup>) 2016 ORDINANCE REVIEW COMMITTEE REPORT

### MEETING DATES:

An Ordinance Review Committee (Committee) meeting was held on November 3, 2016. There were no other meetings conducted within the fourth quarter of 2016.

### ITEMS HEARD AT THE ORDINANCE REVIEW COMMITTEE MEETINGS:

ORDINANCES & ASSOCIATED RESEARCH REVIEWED	1
DISCUSSIONS/ORIENTATION/ELECTIONS	1

A. **Ordinance No. 29-2016, Amending Chapter 70-30, Definitions, and Chapter 102, Signs, of the City's Land Development Code.**

The Committee reviewed an updated draft of the proposed rewrite of the sign code. This draft document included comments from Deltona Business Alliance members that attended a prior Ordinance Review Committee meeting. Thus, Section 102-11 was added to provide a very flexible sign proposal option. Committee members commented on the existing electronic hotel sign and its grandfathering. The City Attorney provided additional language for grandfathering of signs for clarification. Staff mentioned the need for removal of language for exterior-oriented banners at schools. The Committee voted unanimously to recommend that the City Commission approve the sign code draft (6-0), with one member absent.

### DISCUSSIONS/ORIENTATION/ELECTIONS:

B. **By the Committee.**

a. The Committee agreed to meet on January 5, 2017, as the next scheduled meeting, to discuss the mobile-vending ordinance. Chairman Roberts and Member Walsh announced their resignations, due to a relocation from the City of Deltona. The Committee is seeking new ordinances from the City Commission for 2017.

C. **By the City Attorney:**

a. None.

D. **By Planning & Development Services Staff:**

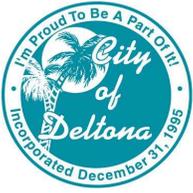
a. None.



# *City of Deltona*

## **William S. Harvey Deltona Scholarship Advisory Board 2016 Fourth (4<sup>th</sup>) Quarter Report**

The William S. Harvey Scholarship board was scheduled to meet on Thursday, December 1, 2016, however, due to lack of a quorum the board did not have a meeting. Although the board did not have a meeting, the 2017 Scholarship applications were mailed out on schedule to the schools on December 2, 2016 and all applications are due by March 3, 2017. The next meeting is scheduled for March 23, 2016 which will be to rank the applications.



## Agenda Memo

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**AGENDA ITEM: C.**

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 5 - C

**SUBJECT:**

Presentation: City of Deltona Sports Facility Needs Assessment - Chris Bowley, AICP, Planning and Development Services, (386) 878-8602.

Strategic Goal: Infrastructure. Determine a sports facility niche for the City.

**LOCATION:**

City-wide.

**BACKGROUND:**

The City of Deltona (City) has a 2008 Parks Master Plan that has been followed for park facility improvements. Since 2008, the City has grown exponentially, particularly at both ends of the demographic spectrum of youth and seniors. This has been identified as a need to address in the City's Strategic Plan.

On September 12, 2016, the consultant team determined that Deltona is not currently positioned to take advantage of the Sports Tourism Market. The emphasis should be on enhancing existing sports facilities/parks in the City and participatory sports over the more regionally competitive sports complex centered (some with stadiums) spectator sports. Two key factors in the analysis were that the City has a large segment of the population in both youth and seniors and, due to the construction of multiplex sports facilities within the region, the City would be entering a very competitive local sports tourism market that already has facilities.

Thus, the City Commission expressed a desire to address the needs of local residents first and to focus on participatory sports, expansion/enhancement of existing sports facilities/parks, and to address the existing levels of service demands for all segments of our growing population. The consultant will present this concept that also focuses on a connection between a city-center concept, the new Center at Deltona, several schools, a library, the YMCA, parks, open space, and pedestrian corridors/future trails. The City should also work to build cooperative partnerships with complementing facilities for recreation in order to prevent redundancies.

**COST:**

N/A

**SOURCE OF FUNDS:**

N/A

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**AGENDA ITEM: C.**

---

**ORIGINATING DEPARTMENT:**

Planning and Development Services

**STAFF RECOMMENDATION PRESENTED BY:**

Chris Bowley, AICP, Director, Planning and Development Services - Staff recommends finalizing this Sports Facility Needs Assessment that identifies planned improvements for future programmed improvements.

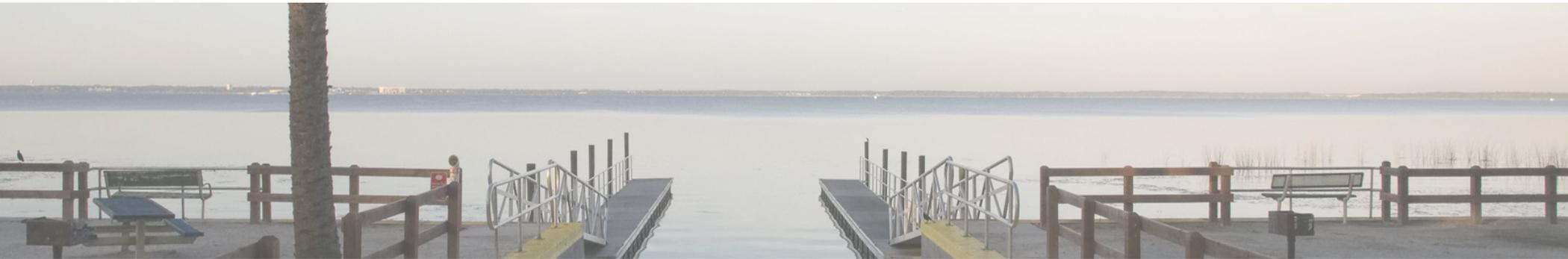
**POTENTIAL MOTION:**

None.



## SPORTS TOURISM / RECREATION ANALYSIS

City Of *Deltona* Florida



**PREPARED FOR:**  
**THE CITY OF DELTONA, FLORIDA**

**DELTONA CITY COMMISSION**

Mayor John C. Masiarczyk Sr  
Vice Mayor Chris Nabicht  
Commissioner Mitch Honaker  
Commissioner Heidi Herzberg  
Commissioner Diane Smith  
Commissioner Nancy Schleicher  
Commissioner Brian Soukup

**CITY STAFF**

Jane Shang - City Manager  
Chris Bowley - Planning and Development Services Director  
Steve Moore - Parks and Recreation Director

**PREPARED BY:**



in association with



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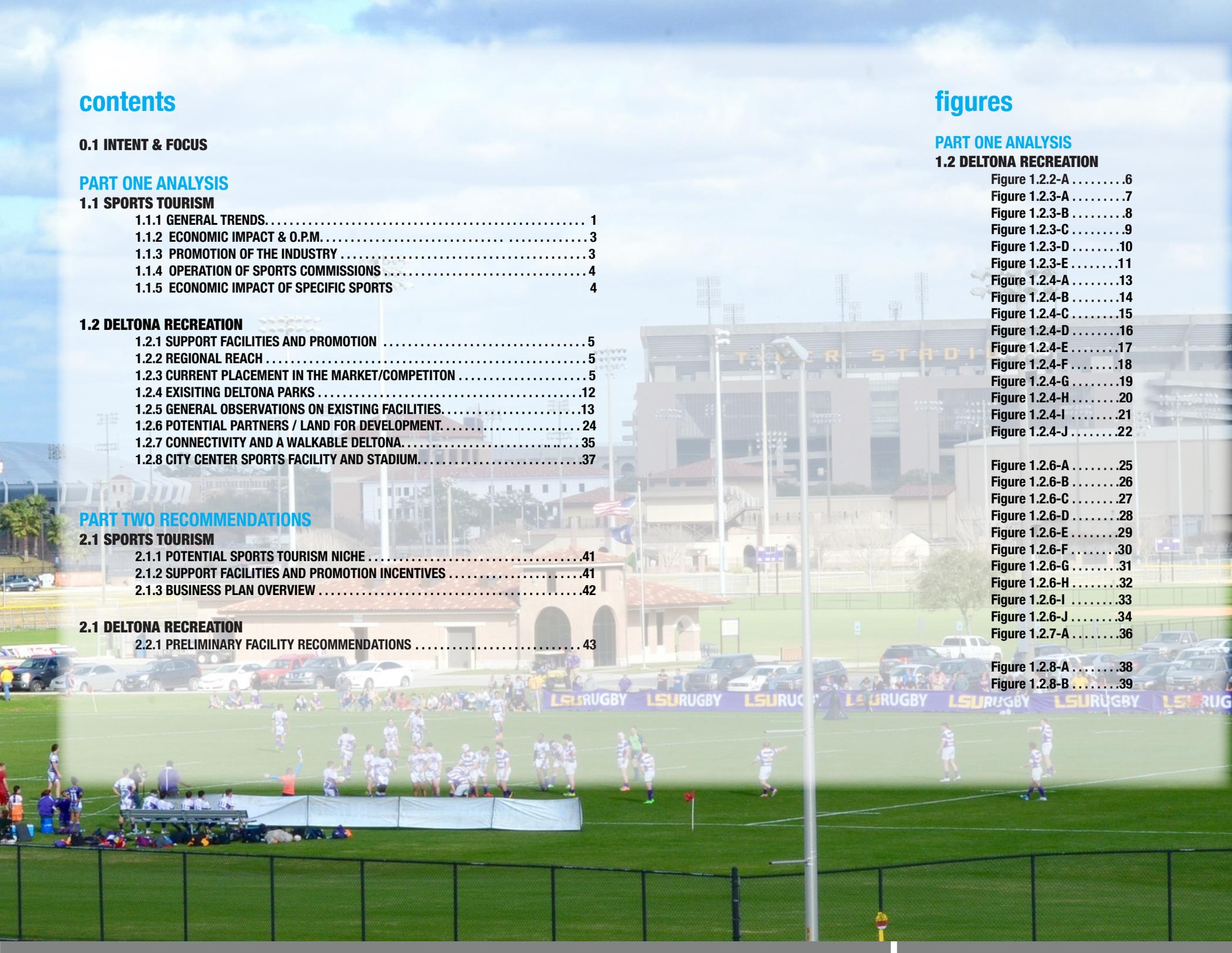
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## 0.1.1 INTENT & FOCUS

The original intents of the scope this project are to determine the possibility, probability and potential profitability of the City of Deltona becoming part of the growing trend of municipalities accessing the Sports Tourism market place, and to determine how that could potentially change the future development of the City's landscape, particularly the concept of City Center. 1. However, based upon the presentation of our preliminary findings relative to the sports niche at the September 12, 2016 Commission workshop, our project team was given new direction to give more focus towards the City's park infrastructure to serve, first and foremost, its tax paying citizens. With this in mind, Section 1.1 is provided to inform the City about the Sports Tourism market and the potential benefits if the City choose to invest in it in the future.

In recent years, there has been huge growth in the Industry of Sports and the tourism associated therein, and there have been many large, stand alone Tournament Facilities developed specifically for the purposes of accessing this market. While there is certainly a trend in developing specifically for the Sports Tourism market, and there is economic impact to be fostered by this industry, it should be realized that there are some pitfalls to be aware of, including:

- Building facilities for, or giving the perception that, a new facility is not for the taxpayers but for outsiders, can lead to unhappy tax payers.
- Over building to be a "Venue" or attraction can equal a poor Return on Investment
- Building, but not promoting, a facility can lead to under utilized facilities which also can equal Poor Return on Investment

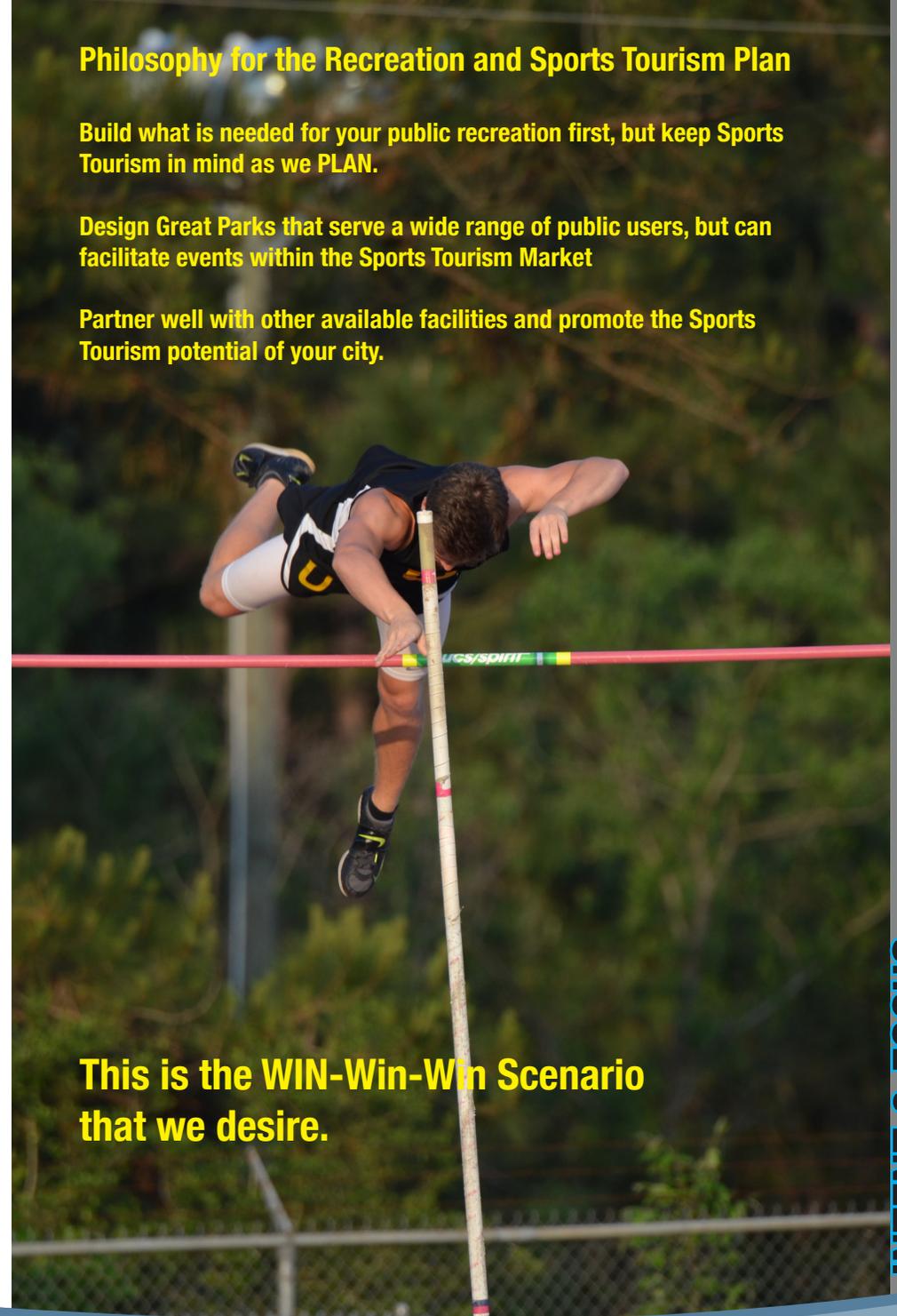
The Focus of the Process has been to plan for what is right for Deltona's needs and not to simply assume that all communities have the same assets, needs and demand. We have focused on the perceived recreational needs of the citizens and have checked the relevance of the needs to the potential Sports Tourism marketplace. We have also and have assessed the existing recreation and sports facilities, potential partnerships and existing sports tourism infrastructure. These are the major consideration for this process which have produced a planning goal of developing smartly, maximizing existing facilities, developing new partnerships, and proposing new facilities as needed to satisfy the recreational needs for Deltona. These considerations are inclusive of considering the appropriate sports tourism niche and impact on City Center.

## Philosophy for the Recreation and Sports Tourism Plan

**Build what is needed for your public recreation first, but keep Sports Tourism in mind as we PLAN.**

**Design Great Parks that serve a wide range of public users, but can facilitate events within the Sports Tourism Market**

**Partner well with other available facilities and promote the Sports Tourism potential of your city.**



**This is the WIN-Win-Win Scenario that we desire.**



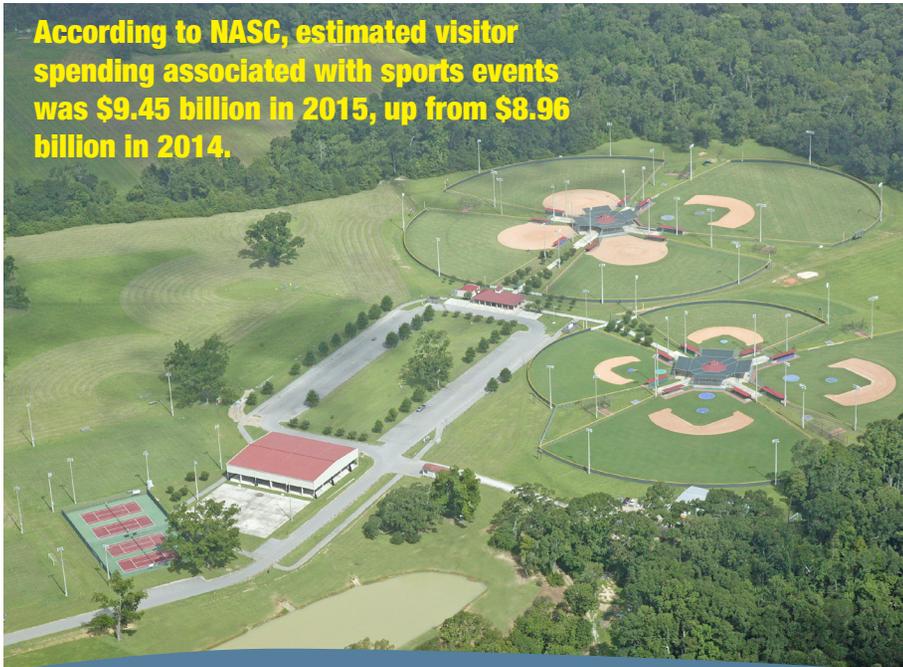
# 1.1 SPORTS TOURISM

## 1.1.1 GENERAL TRENDS

As noted in research done by the National Association of Sports Commissions, the Sports Tourism industry continues to grow year-to-year. According to NASC, estimated visitor spending associated with sports events was \$9.45 billion in 2015, up from \$8.96 billion in 2014.<sup>1</sup>

In the State of Florida alone, the Florida Sports Foundation in 2014 estimated that 13.3 million visitors came to the State for the sole purpose of sports and recreation. When considering just sports tourism, the survey indicated that Florida's Sports Commissions hosted over 2,500 events attracting over 3.1 million sports tourists.<sup>2</sup>

Almost all events discussed in this analysis are considered participation-based events, meaning soliciting participants for the event is the main focus. This differs from spectator-based events, where the focus is drawing large numbers of spectators to watch a high level amateur or professional competition (NCAA Final Four, Super Bowl, PGA Tour events, etc.). With such significant amounts of dollars being spent on sports tourism, cities and municipalities are investing in new sports facilities and complexes to draw more of these participation-based events and reap the spending impacts that they bring. Not only are these cities investing in facilities, but they are also investing in marketing and servicing efforts to develop this tourism segment and solicit event rights holders.



**According to NASC, estimated visitor spending associated with sports events was \$9.45 billion in 2015, up from \$8.96 billion in 2014.**

## 1.1.2 ECONOMIC IMPACT AND O.P.M.

The real economic impact in sports tourism lies in the participants, and their families, spending in a community from which they do not reside. This is "other peoples money" ( **O.P.M.**) or new money, brought into a local economy, paying local taxes and fees, as well as supporting the hotels, restaurants, merchants and businesses. These "participants", "outsiders", or "non-local spenders" are in effect tourists and the tourism draw are the participation-based sports events.

This approach can leverage local recreation facilities, and use them to expand the tax base of an economy without increasing local taxes. However, because some of these mechanisms for economic impact are only partially OPM, it is important to establish the difference between the two revenue sources and how they will be utilized as well as how it will affect the local public use of their recreation facilities. Generally, public recreation facilities are built and maintained, and local programs are funded by a local dedicated property tax. If not the local tax payers may feel slighted and unhappy about the benefit they receive from their tax dollars.

However, to maximize the economic benefits of OPM, municipalities must be positioned to take advantage of this with mechanisms such as Hotel/Motel taxes, food and beverage taxes, as well as general sales taxes. A 2-5% hotel/motel tax on each room night is most common in smaller cities and counties. Additionally, a tourism infrastructure needs to be in place, or incentives for the development of additional tourism infrastructure needs to be provided, to foster future development. Facilities that are venues for tournaments, training and exhibition are not the only infrastructure needed. Ample hotel rooms, family-friendly restaurants, and ancillary activities for the tourists must be available or the economic impact will be limited.

**"It is important to establish the difference between the two revenue sources and how they will be utilized, as well as how it will affect the local public use of their recreation facilities. Generally, public recreation facilities are built and maintained, and local programs are funded by a local dedicated property tax. If not, the local tax payers may feel slighted and unhappy about the benefit their receive from their tax dollars."**

## 1.1.3 PROMOTION OF THE INDUSTRY

In order to compete in the industry, and therefore reap the economic benefit, the idea of "if you build it they will come" is a misnomer in today's competitive market. Proper facilities are important, but an aggressive approach to attracting events and promoting them are keys to a thriving sports tourism economic engine. Coordination of assets, schedules and support for the event promoters is best provided by a specific entity with that as its stated mission. This is typically more than a small recreation department can provide and their mission should be oriented towards providing recreation to the local community.

<sup>1</sup> [https://www.sportscommissions.org/Portals/sportscommissions/Documents/Reports/ST\\_report\\_16\\_to\\_print2.pdf](https://www.sportscommissions.org/Portals/sportscommissions/Documents/Reports/ST_report_16_to_print2.pdf)  
<sup>2</sup> <http://www.flasports.com/2014/08/13/economic-impact-survey/>

Convention and Visitor's Bureaus and/or Sports Commissions in these markets can dedicate significant resources and manpower to marketing their destinations, facilities and other attractions to attract sports tourism. Funding for these organizations is most commonly focused on part of hotel/motel taxes in their jurisdiction. Often these sports tourism efforts are housed inside of a CVB as a natural offshoot of their existing tourism efforts. Some larger cities and counties utilize a stand-alone Sports Commission that works in conjunction with the CVB to solicit and host these events. Sports Commissions can also generate funding with memberships, owned events operated by the commission and corporate sponsorship. In a successful market, these organizations create significantly more economic impact than they take to operate producing a net addition to the local economy.

### 1.1.4 OPERATION OF SPORTS COMMISSIONS

The general event development model for CVBs and Sports Commissions has three facets:

- Bidding on events through a RFP or bid process from an event rights holder.
- Supporting existing event activity in the market.
- Working with local sports contacts to start organic, home-grown events.

Most CVBs or Sports Commissions focus their efforts on the first of those facets: bidding on events. This strategy usually yields immediate results in that these events are known quantities and generally deliver the spending impacts they promise. However, this strategy is also the most costly and requires significant funding dedicated to this purpose. Bid fees for sports events, large and small, are increasing substantially as more cities and states enter this market and drive the costs of these events up. Perhaps the biggest challenge for cities at this time is finding events that deliver high return on investment as well as fit opportunity period goals. Opportunity period goals would refer to times of year when a community has slow or marginal visitor impact. Filling those weeks/months with outside activity is frequently a goal of CVBs and Sports Commissions.

### 1.1.5 ECONOMIC IMPACT OF SPECIFIC SPORTS

A major point of contention among sports commissions is how to best calculate estimated economic impact (EEI) of sports events. Organizations such as the National Association of Sports Commissions and Destination Marketing Association International have calculators that can serve as a consistent evaluator of EEI across all events. That being said, EEI in simple terms, is simply the total number of travelers multiplied by the number of days in a city multiplied by some spending impact estimate. Total number of travelers or total travel party is determined by the type of sport/event and what ratio of traveler to athlete is reasonable. Sports groups can differ significantly in terms of travel party size and spending habits. The most significant factor in estimating economic impact of sports events is based on length of the event. Weekend sports events with 2-3 days of competition are most common in sports tourism, particularly at the youth level. Large scale events with 4-7 or more days of competition can have smaller numbers of competitors, but generate significant economic impact.

Specific sports that have high travel party ratios (number of travelers for each participant) are youth based and include baseball, softball, soccer, lacrosse, volleyball, tennis, cross country, golf, dance/cheer and swimming/diving. These sports conservatively draw a 4-1, 5-1 ratio, depending on the age of the participant. Younger participants naturally draw higher ratios.

### The standard model for calculating economic input of a specific event is as follows:

$$\text{Number of Competitors} \times \text{Sport Party Travel Multiplier} \times \text{Number of days} \times \$140/\text{day} = \text{Total Economic Impact}$$

One tier down, ratios drop to 3-1 in sports such as bowling, BMX, wrestling and rugby. Lower ratios of 2-1 can be found in youth track & field and basketball. Adult and senior sports can be attractive events and generate significant spending impacts to a community but generally have low ratios of other travelers and generally should not be more than 1-1. Senior softball, tennis, track & field, pickleball and shuffleboard can draw relatively good participation numbers in certain markets or with well-established governing bodies who are trusted by seniors. This can also include a number of "outdoor" events and activities, such as fishing, cycling and endurance sports such as road running and triathlon.



In closing, the Sports Tourism market can be a major source of revenue in the future if the City were to implement a plan to reposition itself through development of the Activity Center and City Center with hotels and restaurants. The City is in a prime position to capitalize on this repositioning plan that could put it in position to actively move forward towards the Sports Tourism market in the future.

# 1.2 DELTONA RECREATION

## 1.2.1 SUPPORT FACILITIES AND PROMOTION

The discussion of Deltona as a sports tourism market begins with a point of information presented earlier: That the main economic impact relies on overnight stays and bed taxes on these rooms that are dedicated to Deltona for the City's use. Assessing the hotel/motel industry in Deltona revealed a severe lack of hotels or other means of lodging as well as the food and beverage markets within the city limits. This lack of lodging for guests in the city limits essentially means that any marketing effort to bring events to the city will truly have the greatest impact on Deltona's neighbors. Orange City, Lake Mary, DeBary and Sanford all would benefit most from marketing a sports tourism effort. The lack of lodging also negates a major funding source for any type of sports commission or CVB marketing efforts, the aforementioned hotel/motel tax.

The second major consideration is determining oversight and operation of a sports tourism/marketing effort. At present, the West Volusia Tourism Advertising Authority collects a "bed tax" of 6.0% from 14 West Volusia communities, including Deltona. Interestingly enough, 3% of those proceeds go to the Ocean Center in Daytona Beach and 2% goes to Volusia County as an administration fee. Essentially, 1% stays with the WVTAA for advertising and marketing. Without access to "bed tax" funding, resources for a sports tourism effort would fall to the City of Deltona. The city could possibly create its own "bed tax" for all properties located inside the city limits.

## 1.2.2 REGIONAL REACH

The discussion of Deltona as a sports tourism market begins with a point of information presented earlier that the economic impact is created from visitors from outside the area and relies on overnight stays and spending of OPM within the City. If desired much more thorough analysis can be done on specific events to create more accurate EEI numbers. First, it is important to determine the geographic radius of your study to determine which participants were overnight guests and which most likely traveled to and from the event. Athletes from inside the radius should be heavily discounted or eliminated altogether. Secondly, other factors such as economic leakage or displacement should be considered. Lastly, thorough lodging research can be collected from each team to determine which hotel properties were used, the total number of rooms booked and alternate housing arrangements utilized by participants.

Therefore, we begin by assessing the potential draw for participants and their families based on geographic location relative to population centers, interstate and state transportation as well as other draws to a community. Other potential draws could include cultural strengths such as food, music or historic assets that would make a group choose one location over another. Proximity to traditional tourism draws such as beach areas, water parks or theme parks are also an asset, although depending on the length

of the event, these are usually secondary concerns as for a weekend event these are somewhat difficult to access due to schedules. See Figure 1.2-A for additional analysis and graphic representation of DELTONA'S potential Regional Reach.

## 1.2.3 CURRENT PLACEMENT IN THE MARKET / COMPETITION

Additionally, as discussed earlier, the idea that new, stand alone, tournament facilities are necessary to compete in the market is somewhat a misnomer in our opinion. While these facilities can be a draw within themselves, it is not yet clear as to the actual net positive economic effect that they can have, compared to a well organized effort to promote existing facilities that are of high quality. Teams typically will pick and choose events base on factors such as the cost of registration, competition level at an event, distance from their home, and past experience with a venue or event. However, they do tend to move around within a travel area for variety and sometimes to "hunt" for easy points if they are trying to qualify for a certain championship series. We have assessed the competition in a 50 mile radius, mainly to determine which sports are represented most, and compared them to the current facilities in Deltona. See Figure 1.2-B for additional analysis and graphic representation of Deltona's current placement in the market and Figures 1.2-C - 1.2-F for analysis of current facilities in competition with Deltona.



PART ONE - ANALYSIS

### REGIONAL REACH

Our analysis for location on a regional basis generally includes a radius of 300 - 350 miles, or about an easy 4-5 hour drive, and the quality of the highway infrastructure along the way. This is typically a reasonable travel time to attract teams for a two or three day event over a weekend. This type of event is the most typical and is generally what most teams look for during the tournament season, reserving the longer events for larger qualifying tournaments such as regional, state or national level tournaments.

Using this criteria, The City of Deltona is well located regionally to become a draw for traveling teams from the southern of the state including metropolitan Miami, Tampa and beyond across to the northern pan handle of the state including Jacksonville and Tallahassee as far west as Panama City. Additionally, the location along interstate 4 as connecting interstate between I-275 and I-95, as well as other substantially highway access make access via automobile easy. The proximity to Orlando and the airports and well as the theme parks could add to the draw for tournament play. While this is not a major factor in the choice of teams because of the scheduling of games does not readily allow for long periods of time to visit the parks, it is something that could be used for marketing on some levels. The access to the Daytona beach area, however, is a big positive as beach activities are easier to fit into a weekend schedule and Daytona beach has name recognition nation wide.

The reach extends north into Southern Alabama, Georgian and South Carolina, and the prospect of drawing from the population center of Atlanta is not out of the question, particularly in the winter months. This proximity, given the warm climate of Deltona extends and enhances the ability to attract teams during the winter months, south to the green grass and warmer weather as a break from the colder areas to the north. This is particularly pertinent to soccer, as the club season is more oriented to the cooler months. It also provides the opportunity to market to clubs, colleges or others as a training facility during these times.

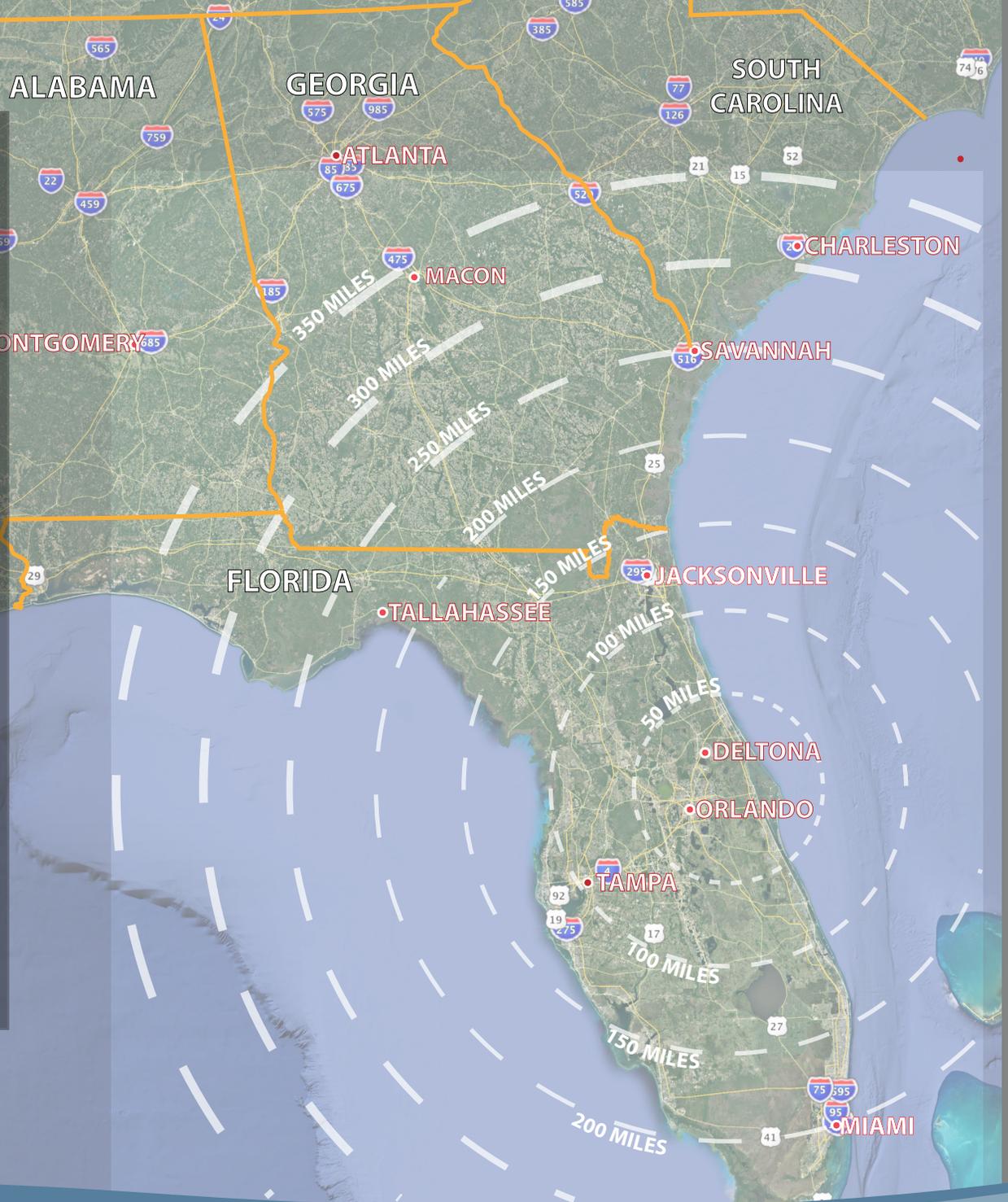


Figure 1.2.2-A

### LOCAL ASSETS & COMPETITION

Specific to the Deltona area and Central Florida, many cities have invested significantly into attracting sports tourism to their communities. The original sports tourism “mega complex” was first introduced in Orlando at Disney’s Wide World of Sports. That facility has served as a template for many others around the country. Just south of Deltona, the recently constructed Seminole County Sports Complex is a state of the art, 13 field baseball/softball complex. In addition to new facility construction, these entities also aggressively market their cities and facilities to rights holders all over the country and the world. 29 separate entities are represented as regional representatives of the Florida Sports Foundation.<sup>3</sup>

Central Florida Sports Commission represents the City of Orlando, Orange County, Seminole County, Lake County and Osceola County as a single entity actively soliciting events and marketing soliciting events and marketing those areas to rights holders on a day-to-day basis.<sup>4</sup>

LEVY COUNTY

MARION COUNTY

FLAGLER COUNTY

VOLUSIA COUNTY

Ormond Beach Sports Complex

DAYTONA BEACH

New Smyrna Beach Sports Complex

CITY OF DELTONA

Seminole County Sports Complex

LAKE COUNTY

SEMINOLE COUNTY

ORANGE COUNTY

ORLANDO

BREVARD COUNTY

CITRUS COUNTY

SUMTER COUNTY

HERNANDO COUNTY

PASCO COUNTY

OSCEOLA COUNTY

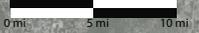
ESPN Wide World Of Sports Complex

25 MILES

15 MILES

35 MILES

45 MILES



PART ONE - ANALYSIS

<sup>3</sup><http://www.flasports.com/sports-development/florida-sports-commissions/>  
<sup>4</sup><http://www.centralfloridasports.org/venues-and-facilities/city-of-orlando-orange-county.html>

Figure 1.2.3-A

# ESPN Wide World Of Sports Complex

• Owner - Walt Disney World

## Park Land

• Total Area = 230 Acres

## Facilities

- Baseball Stadium
- Full Sized Baseball Fields (8)
- Softball Fields (6)
- Youth Soccer Fields (1)
- Full Sized Soccer Fields (11)
- Multi-Purpose Fields (4)
- Tennis Courts (10)
- Track and Field Venue
- Indoor Basketball Courts

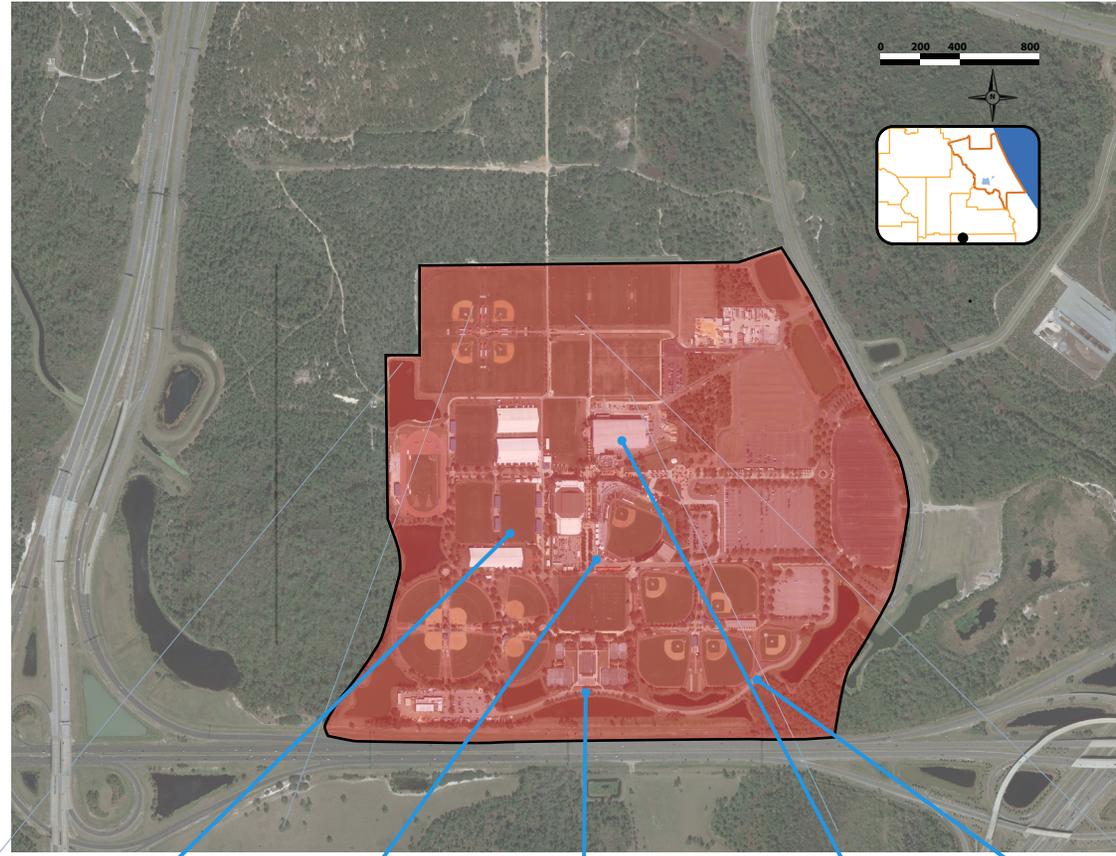


figure 1.2.3-B

# Seminole County Sports Complex

• Owner - Seminole County

## Park Land

- Total Area = 102 Acres
- Develop-able Land = 0 Acres

## Facilities

- Synthetic Turf Fields (9)
- Natural Turf Fields (6)
- Shaded Spectator Seating
- Batting Cages
- Playground
- Concessions Stand
- Central Pavilion
- Fenced Pavilions

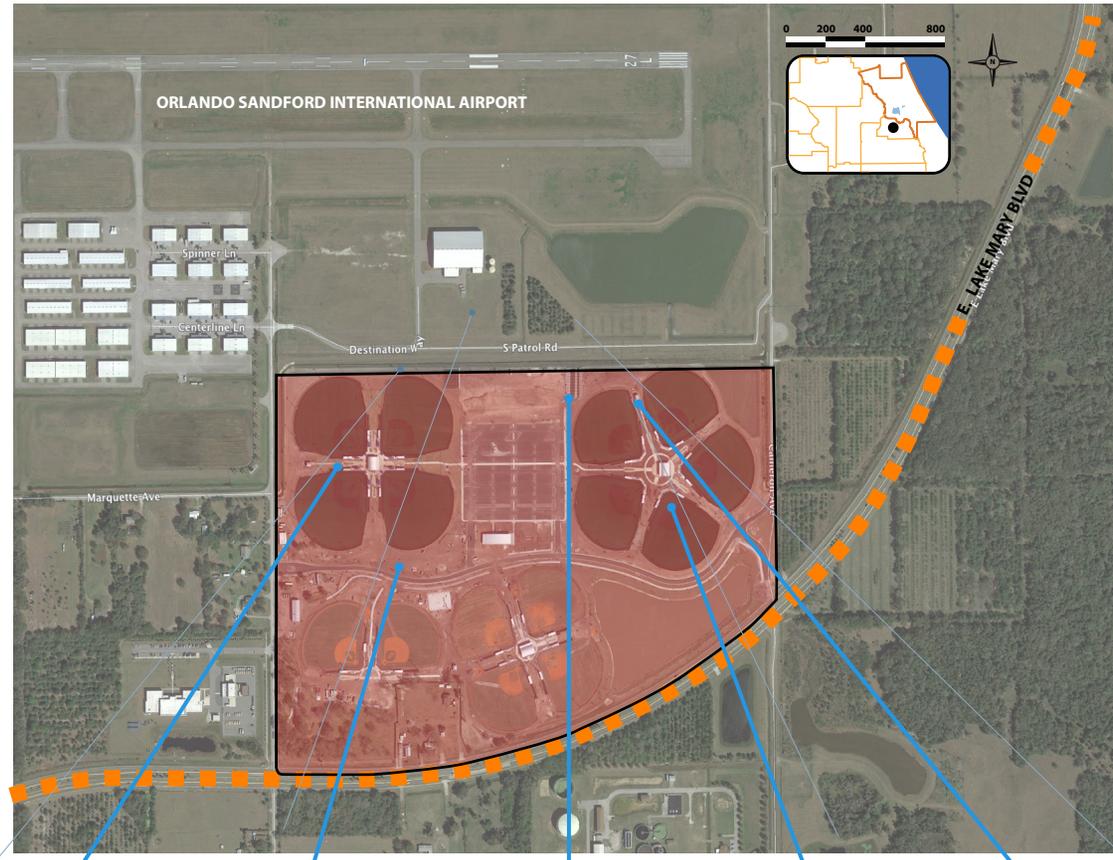


figure 1.2.3-C

# New Smyrna Beach Sports Complex

• Owner - City of New Smyrna Beach

## Park Land

• Total Area = 68 Acres

## Facilities

- Football Stadium
- High School Baseball Field
- Little League Baseball Fields (4)
- Softball Fields (3)
- Soccer Fields (3)
- Multi-Purpose Field
- Central Pavilion
- Fenced Pavilions

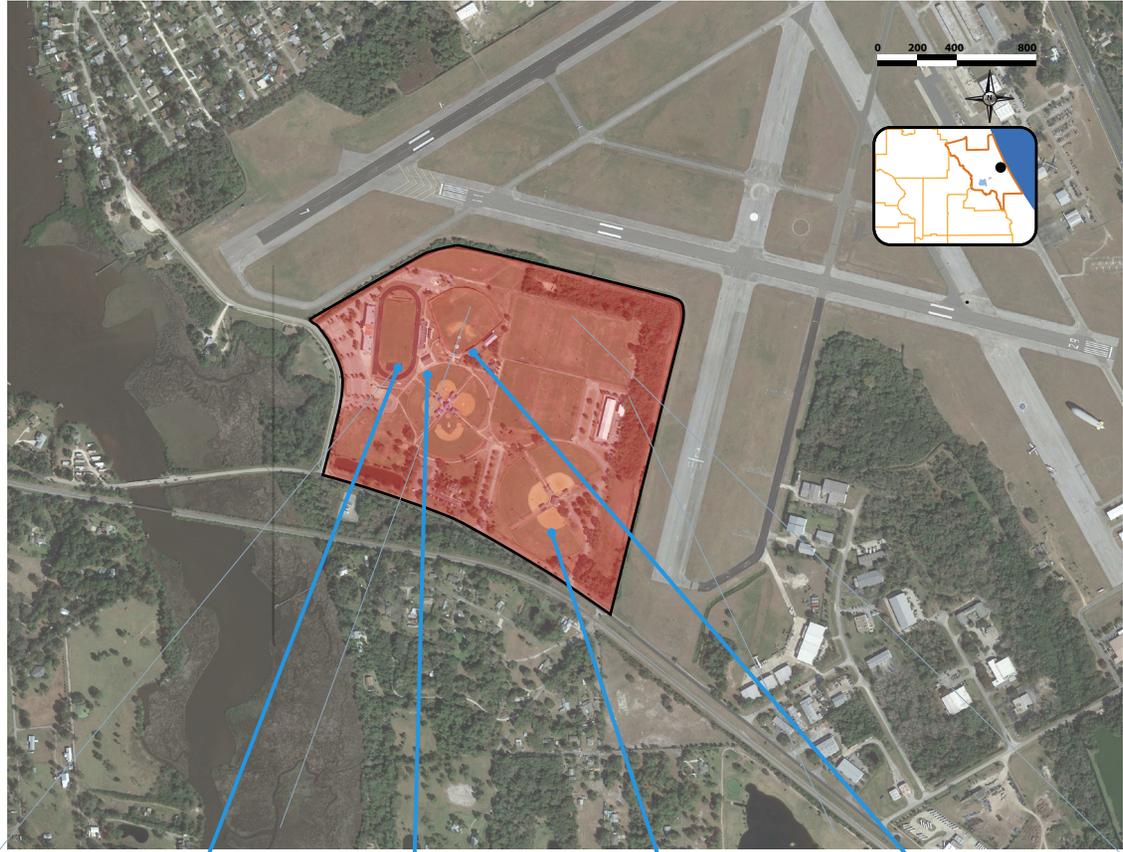


figure 1.2.3-D

# Ormond Beach Sports Complex

• Owner - City of Ormond Beach

## Park Land

• Total Area = 96 Acres

## Facilities

- T- Ball Fields (4)
- Full Sized Baseball Fields (4)
- Softball Fields (5)
- Youth Soccer Fields (1)
- Full Sized Soccer Fields (9)
- Multi-Purpose Fields (3)
- Playground

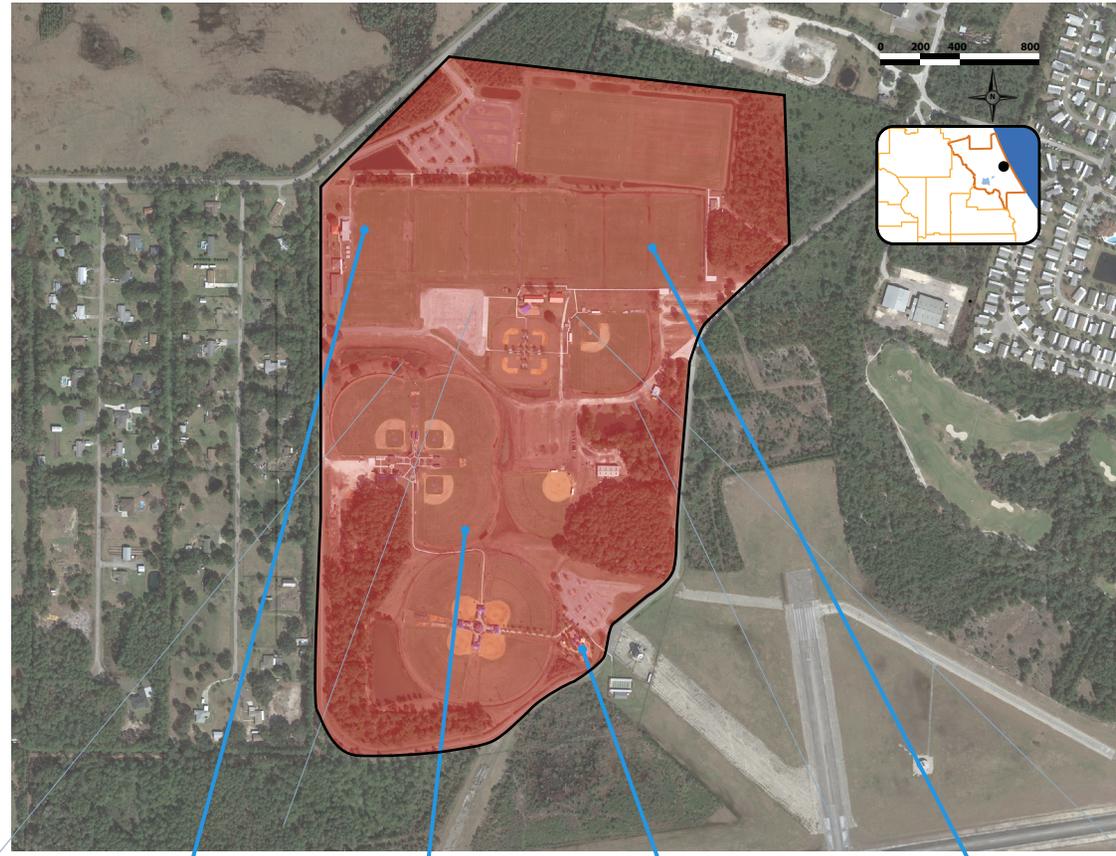


figure 1.2.3-E

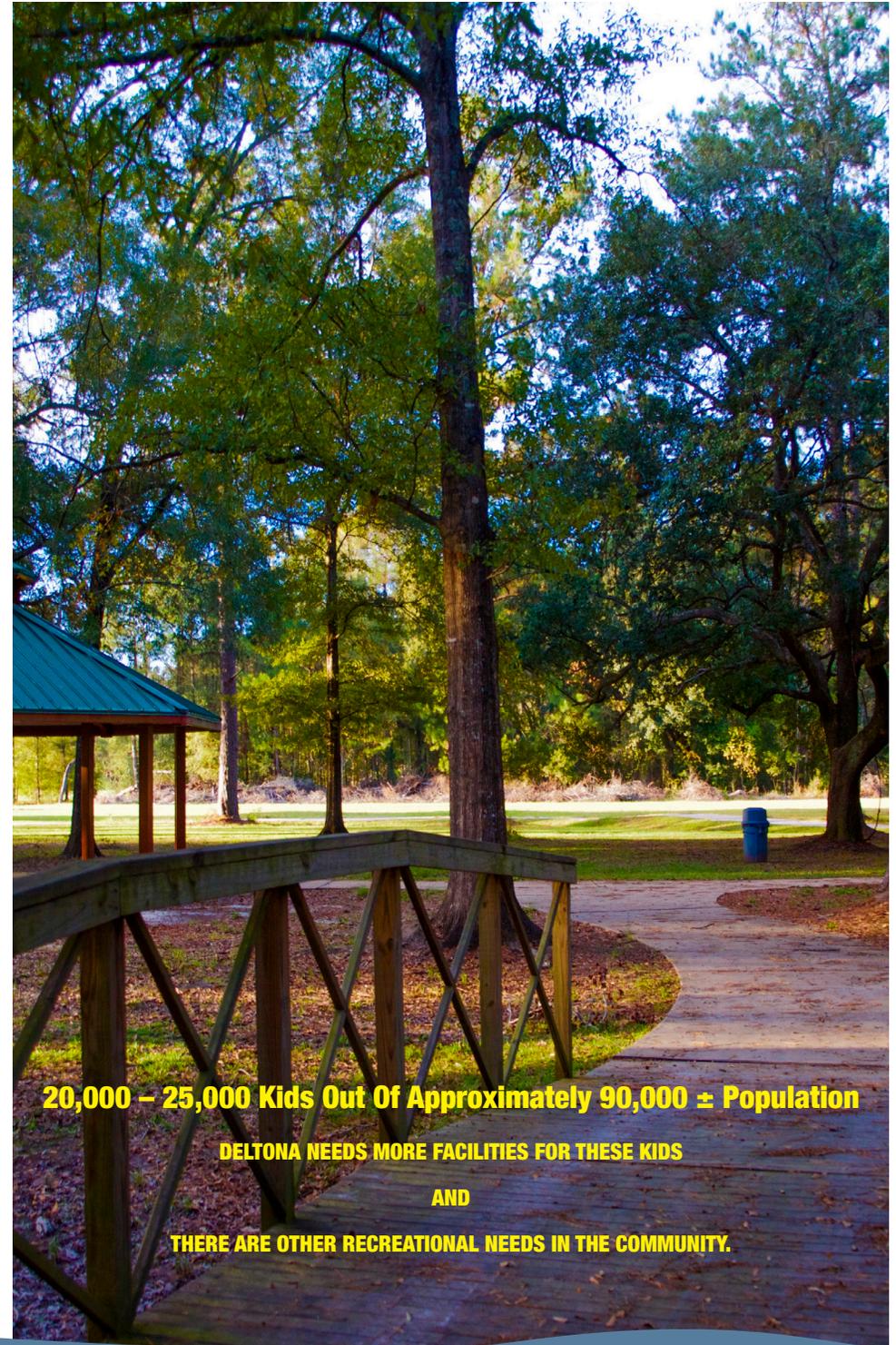
### 1.2.4 EXISTING DELTONA PARKS

In order to define the best “niche” for the Deltona, our process dictates an analysis of the existing City run recreation facilities and programs. We must determine what facilities are already within the City’s control and which ones are currently meeting some of the needs in the Sports Tourism market.

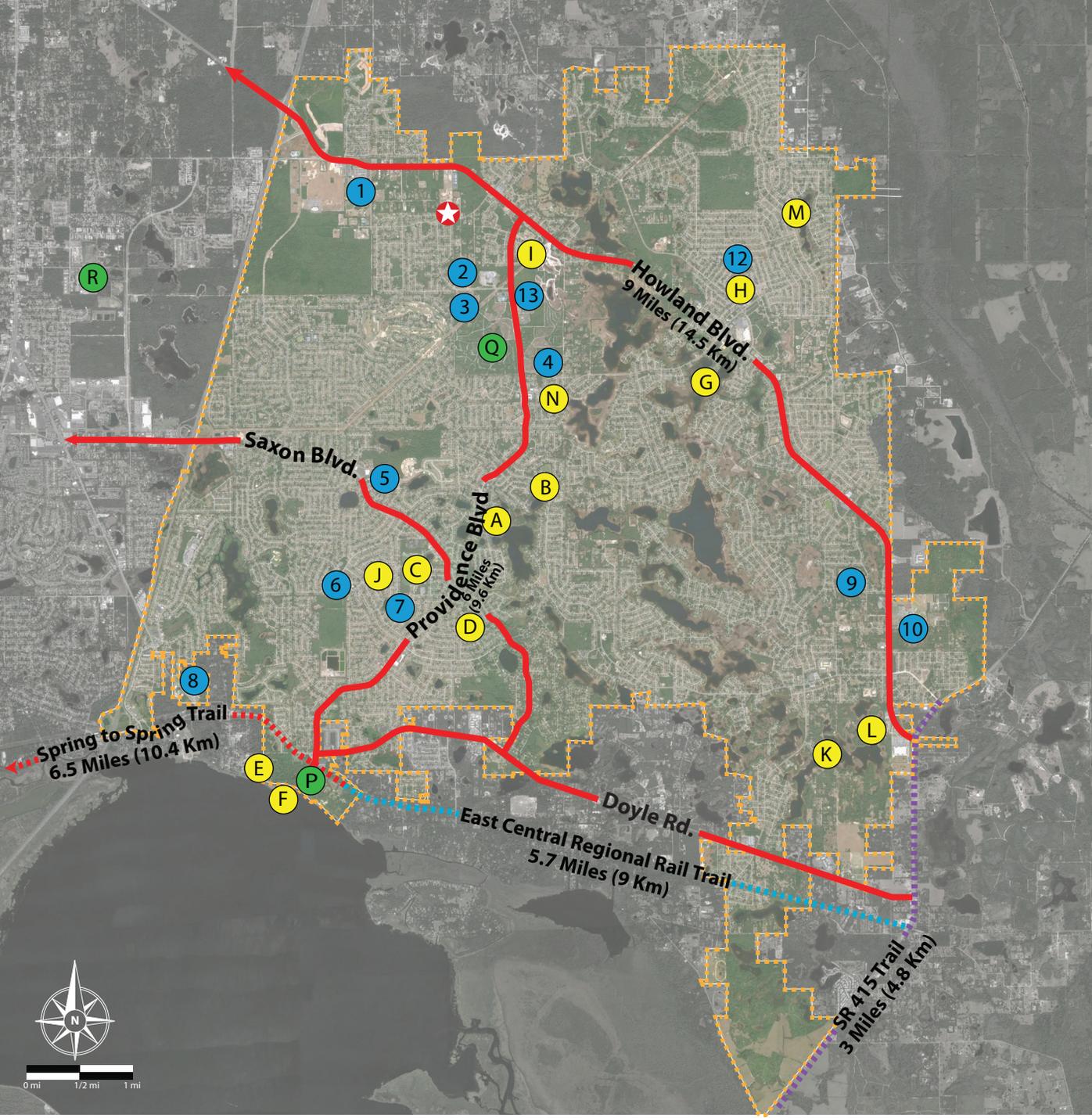
The most recent census data indicates a population of 90,000 people in the City. Furthermore, the City estimates over 25,000 kids below the age of 17. It is evident, and this was confirmed in the commission workshop that the needs of the Citizens is, and should be, the foremost concern of this study. The City needs more recreational facilities for its kids given the population and number of kids. However, good public recreation should be diverse and meet the needs of as many different demographics possible. Recreation for Seniors, young adults are important to the viability of a City the quality of life. As previously stated, we believe that it is best to develop the sports tourism market by promoting existing facilities that are for the local citizens, rather than to build for the specific purpose of sports tourism. Therefore, this section of the report involves an assessment of the City’s existing parks and identifies potential lands and recreational partnerships that the City could pursue in order to further develop the park infrastructure and it’s recreational programs.

Our experience shows that it is best to build upon what exists when possible and it is also important to see how the facilities meet the current recreation demand for the City’s citizens. Communities that have thriving programs in one activity or another, typically have facilities that support those programs that are thriving. Likewise the quality of the facilities for the activities that are thriving tends to be higher, and this tends to make meeting a particular niche’ easier. Therefore, we also assess current programs and local involvement to see how this could be capitalized on while determining the Niche’.

Figure 1.2.4-A indicates existing city parks and their location relative to each other, city circulation as well as county and school systems recreation of sports facilities. Figures 1.2.4-B to 1.2.4-O are a site specific overview of the city parks facilities and their opportunities and constraints.



**20,000 – 25,000 Kids Out Of Approximately 90,000 ± Population**  
**DELTONA NEEDS MORE FACILITIES FOR THESE KIDS**  
**AND**  
**THERE ARE OTHER RECREATIONAL NEEDS IN THE COMMUNITY.**



City Of Deltona Parks		
SYMBOL	PARK NAME	APPROX. ACREAGE
A	Campbell Park	±14
B	Wes Crile Park	±14
C	Dewey Boster Park	±66
D	Manny Rodriguez Park	±6
E	Thornby Park	±38
F	Deltona Community Center	±17
G	DuPont Lakes Park	±12
H	Harris Saxon	±5
I	Keysville Dog Park	±14
J	Timber Ridge	±8
K	Lake Butler Complex	±6
L	Festival Park	±5
M	Dwight Hawkins	±10
N	Veteran's Memorial Park	±6
O	Firefighter's Memorial Park	±6

Volusia County Parks		
SYMBOL	PARK NAME	APPROX. ACREAGE
P	Green Springs Park	±36
Q	Lyonia Preserve	±360
R	PFC. Emory Bennet Park	±205

City Of Deltona Schools	
SYMBOL	SCHOOL NAME
1	Deltona High School
2	Timbercrest Elementary School
3	Galaxy Middle School
4	Deltona Lakes Elementary School
5	Spirit Lakes Elementary School
6	Discovery Elementary School
7	Osteen Elementary School
8	Deltona Middle School
9	Heritage Middle School
10	Pine Ridge High School
11	Sunrise Elementary School
12	Friendship Elementary School
13	Daytona State College

Legend	
	City Center
	Major Roadway
	City of Deltona City Limits
	East Coast Central Regional Rail Trail
	Spring to Spring Trail
	SR 415 Trail

figure 1.2.4-A

## A. Campbell Park

• Owner - Deltona Parks and Recreation

### Park Land

• Total Area = 14 Acres

### Facilities

- Playground (3-12 year olds)
- Walking Trail
- Beach Volleyball Court
- Pavilions
- Water Front Boardwalk
- Two Story Gazebo Overlook
- Lighted Tennis Court
- Floating Dock/ Fishing Piers (2)

## B. Wes Crile Park

• Owner - Deltona Parks and Recreation

### Park Land

• Total Area = 14 Acres

### Facilities

- Indoor Gymnasium
- Room Rental
- Basketball Courts
- Splashpad
- Pavilions
- Softball/Multipurpose Field
- Racquetball Courts (4)
- Tennis Courts
- Rubberized Walking Trail (Approx. 1/2 Mile)

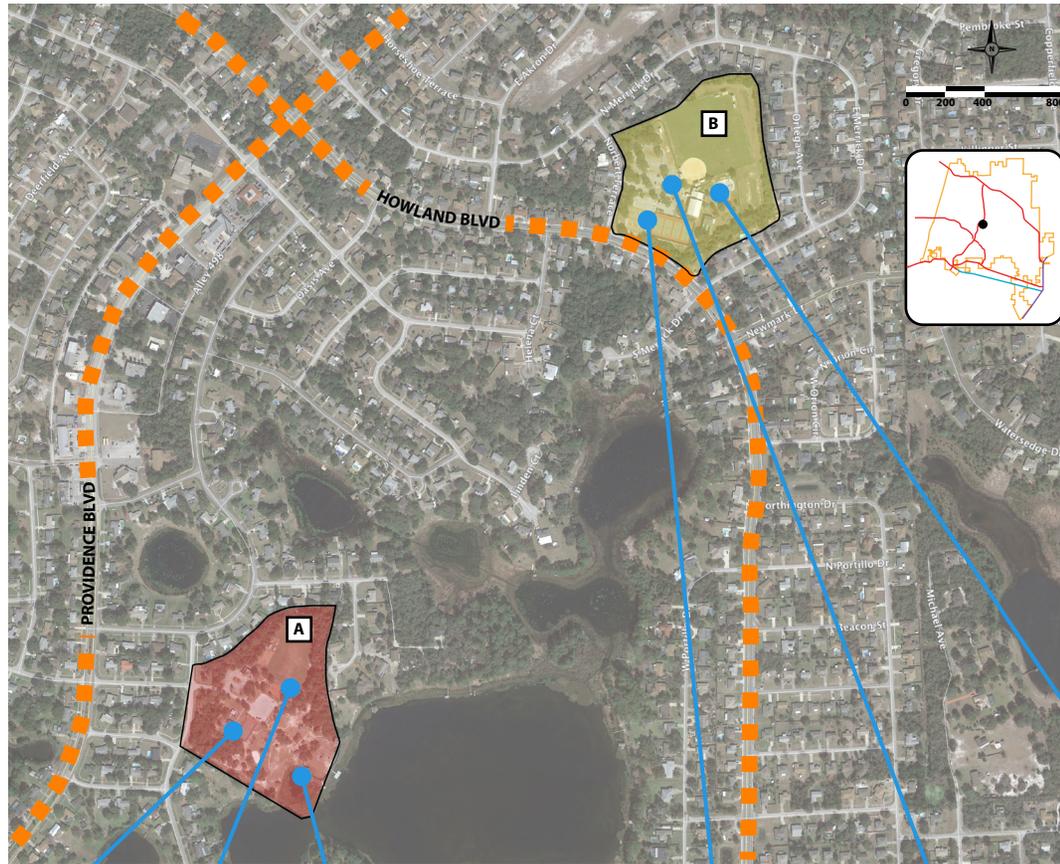


figure 1.2.4-B

### C. Dewey O. Boster Sports Complex

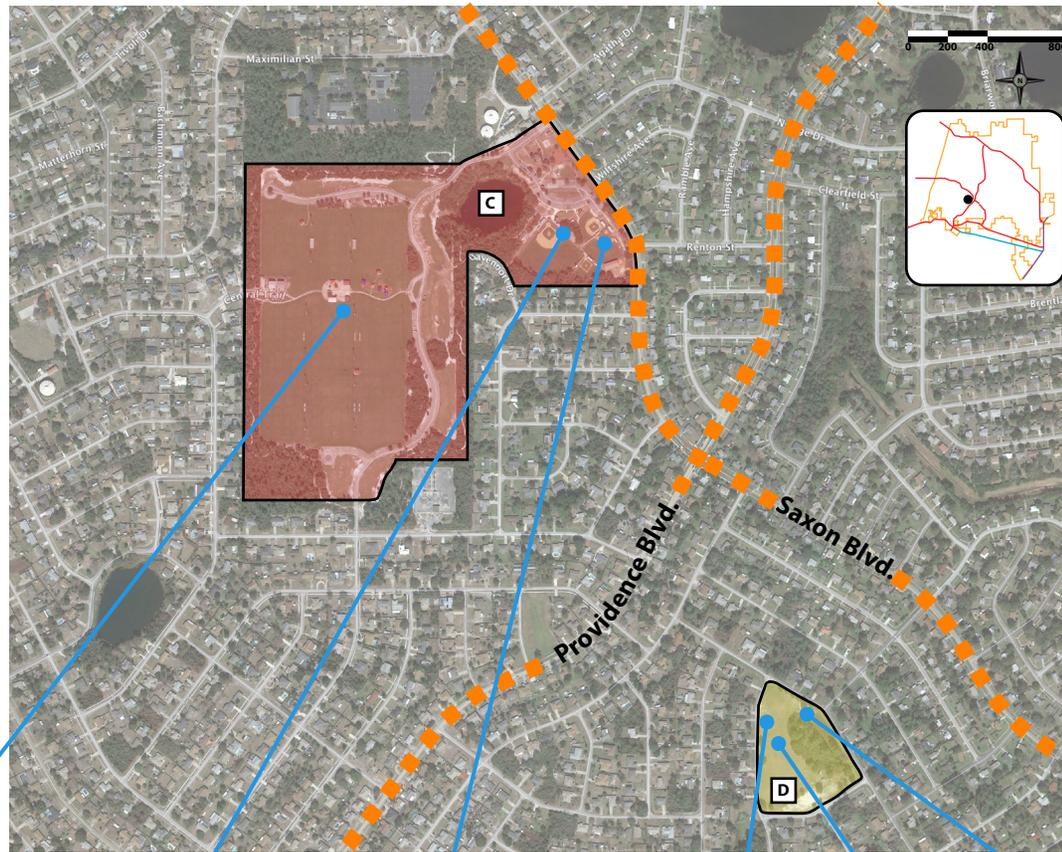
- Owner - Deltona Parks and Recreation

#### Park Land

- Total Area = 66 Acres

#### Facilities

- Restrooms
- Concession Stand
- Football Field With Lights
- Security Lighting
- Nature Trails (1.75 Miles)
- Shaded Picnic Area
- Large Shaded Playground
- Soccer Fields (6) Lighted
- Stage (Outdoor Performance)
- Multi Purpose Fields (2)
- Additional Parking is in Design (± 120 Spaces)



### D. Manny Rodriguez Park

- Owner - Deltona Parks and Recreation

#### Park Land

- Total Area = 6 Acres

#### Facilities

- Pavilion
- Playground
- Basketball Courts
- Baseball Field
- Picnic Area
- Restrooms

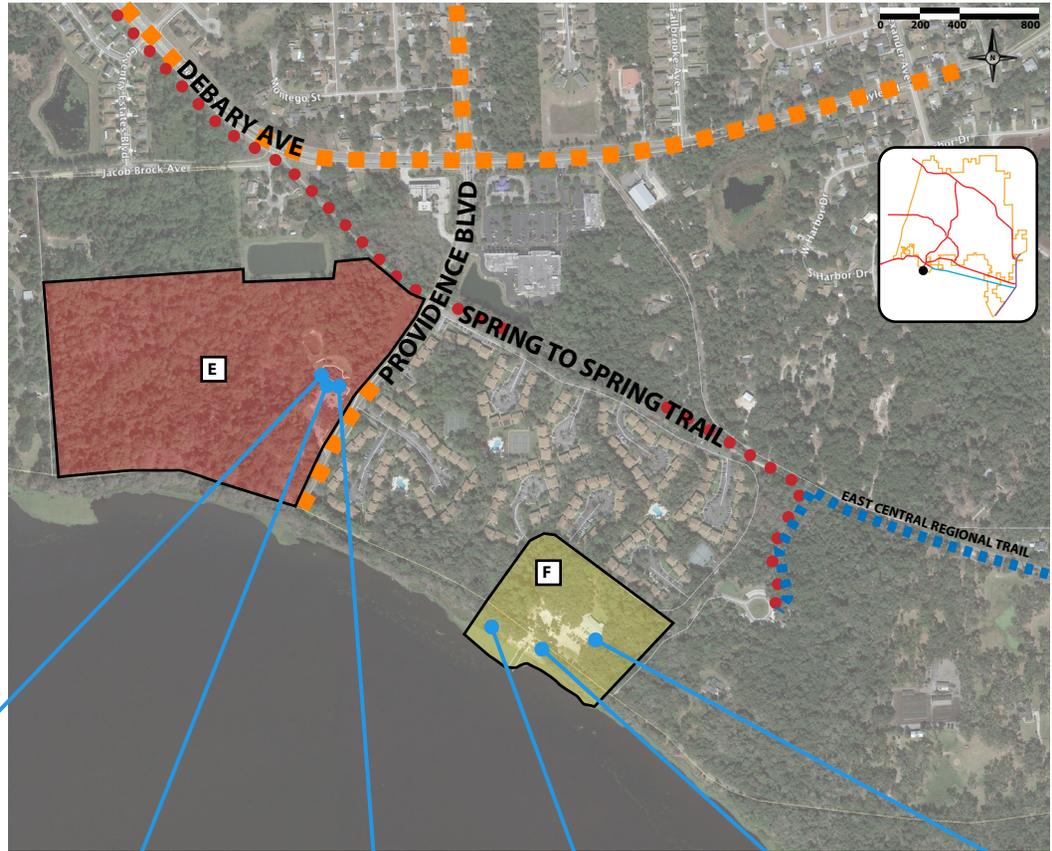


PART - ONE ANALYSIS

figure 1.2.4-C

### E. Thornby Park

- Owner - Deltona Parks and Recreation
- Park Land**
  - Total Area = 38 Acres
- Facilities**
  - Playground
  - Pavilions
  - 1000' Of Shoreline



### F. Deltona Community Center

- Owner - Deltona Parks and Recreation
- Park Land**
  - Total Area = 10 Acres
- Facilities**
  - Picnic Area
  - Boat Launch
  - Rooms to Rent
  - Lake Monroe Overlook and Pier



figure 1.2.4-D

### G. Dupont Lakes Park

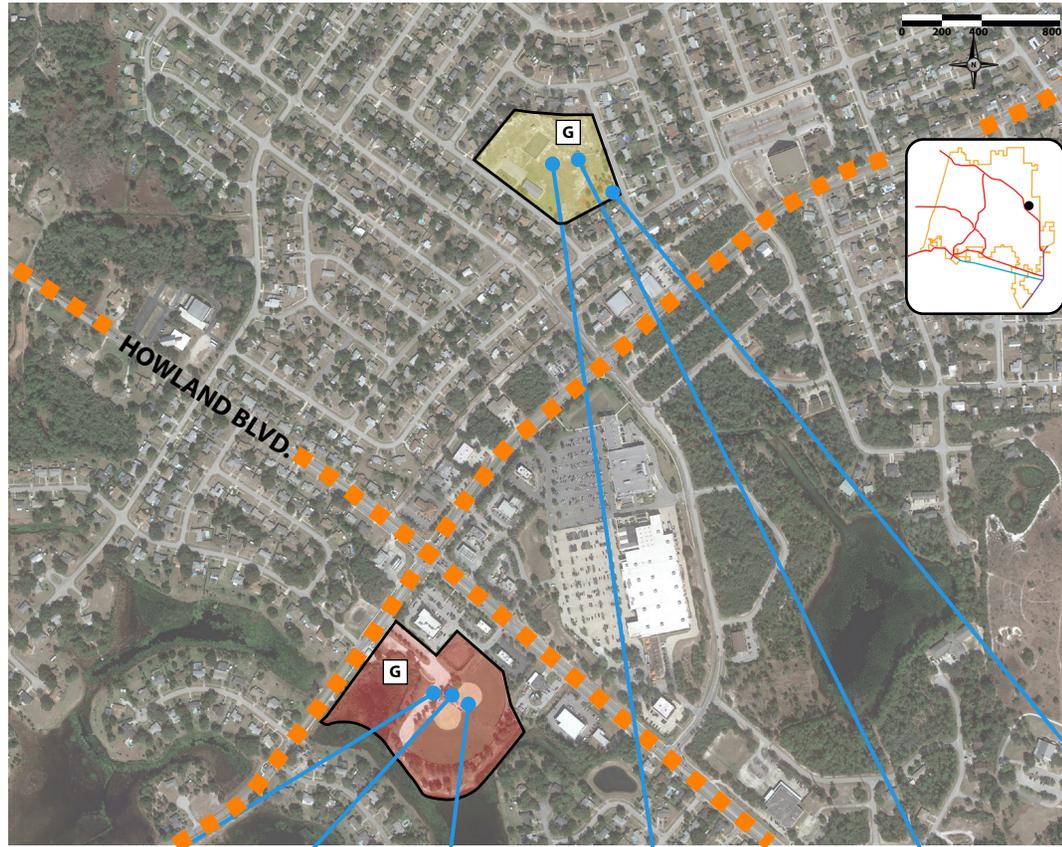
- Owner - Deltona Parks and Recreation

#### Park Land

- Total Area = 12 Acre

#### Facilities

- Two Regulation Softball Fields
- Basketball Court
- Picnic Area
- Restrooms
- Shoreline Fishing



### H. Harris M. Saxon Community Center & Park

- Owner - Deltona Parks and Recreation

#### Park Land

- Total Area = 5 Acres

#### Facilities

- Outdoor Basketball Court
- Community Center with Meeting Rooms
- Pavilions
- Picnic Area
- Playground
- Restrooms
- Tennis Courts
- Large Open Areas



figure 1.2.4-E

# I. Keyville Dog Park

• Owner - Deltona Parks and Recreation

## Park Land

• Total Area = 14 Acres

## Facilities

- Fenced Area For Large Dogs
- Fenced Area For Small Dogs
- Fenced Doggie Watering Stations
- Benchs and Picnic Tables
- Restrooms
- Pavilions
- Playground
- 1/2 Mile Walking Trail
- Basketball Court
- Wheelchair Accessible Swing

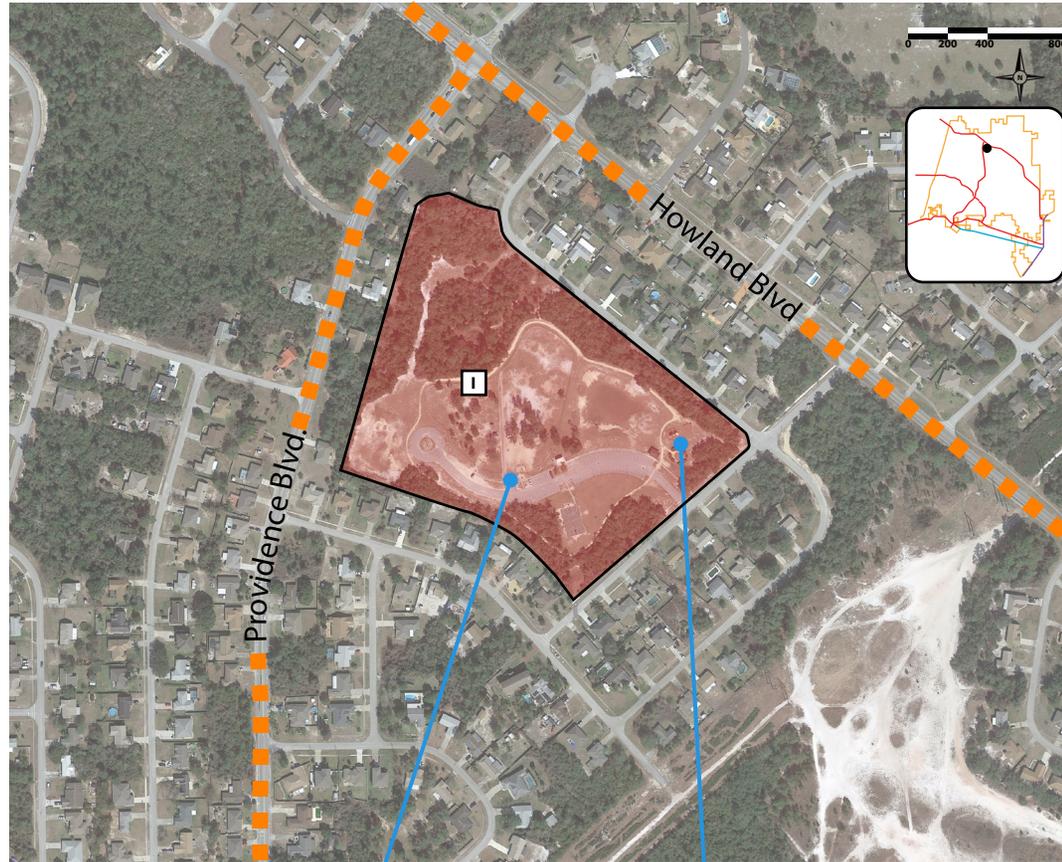


figure 1.2.4-F

# J. Timber Ridge Park

• Owner - Deltona Parks and Recreation

## Park Land

• Total Area = 4 Acres

## Facilities

- Small T-Ball Field
- Picnic Area
- Restrooms
- Basketball Court
- Pavilion
- Playground
- 1/4 Mi. Walking Trail

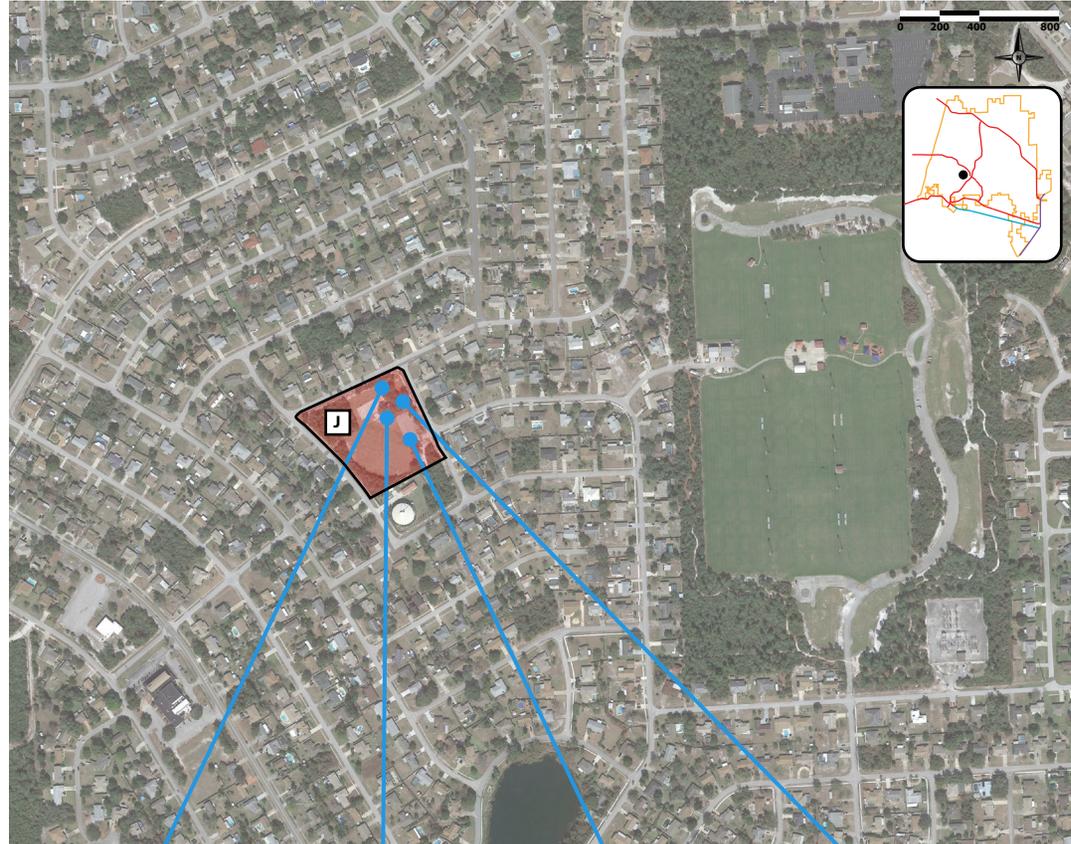


figure 1.2.4-G

### K. Lake Butler Recreation Complex

- Owner - Deltona Parks and Recreation

#### Park Land

- Total Area = 10 Acres

#### Facilities

- Skate Park
- Playground
- Basketball Court
- Pavilion
- Restrooms

### L. Festival Park

- Owner - Deltona Parks and Recreation

#### Park Land

- Total Area = 5 Acres

#### Facilities

- Pavilion
- Picnic Area
- Playground
- Grills
- Restrooms
- Boardwalk out over Lake

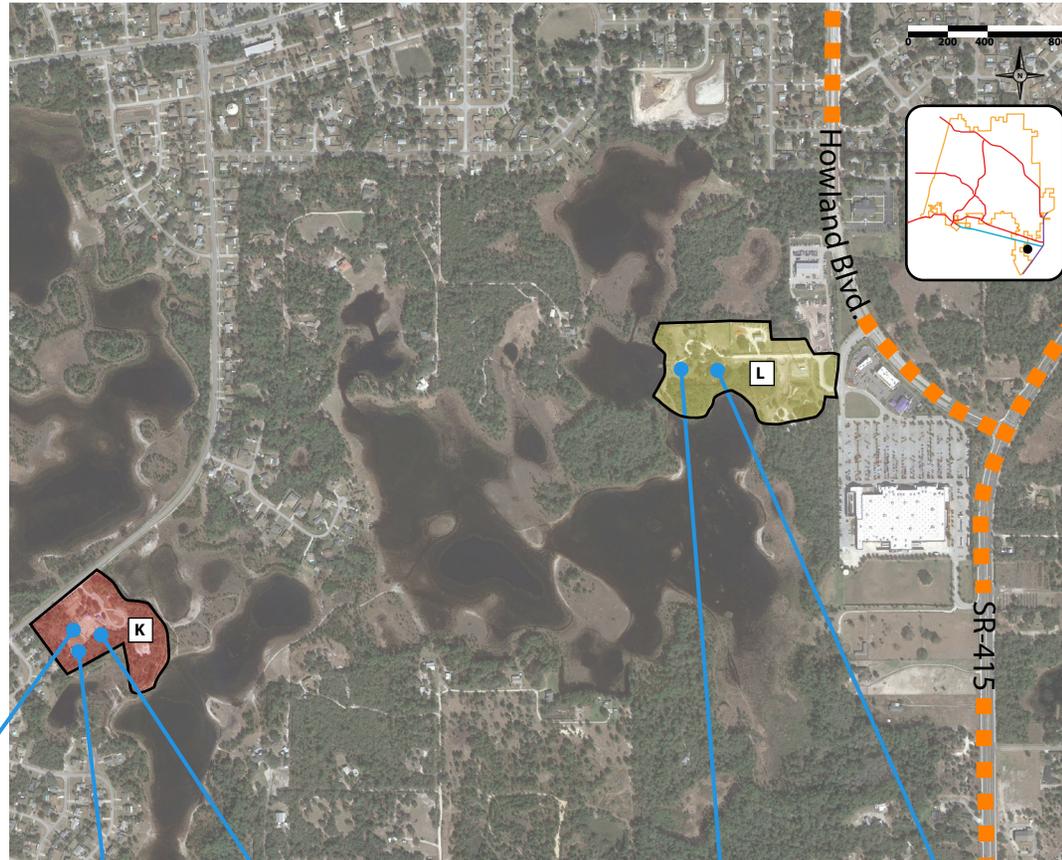


figure 1.2.4-H

# M. Dwight Hawkins Park

• Owner - Deltona Parks and Recreation

## Park Land

• Total Area = 9 Acres

## Facilities

- Ballfields
- Pavilion
- Covered Climbing Area
- Playground
- Soccer/Football Fields
- Basketball
- Picnic Area
- Restrooms

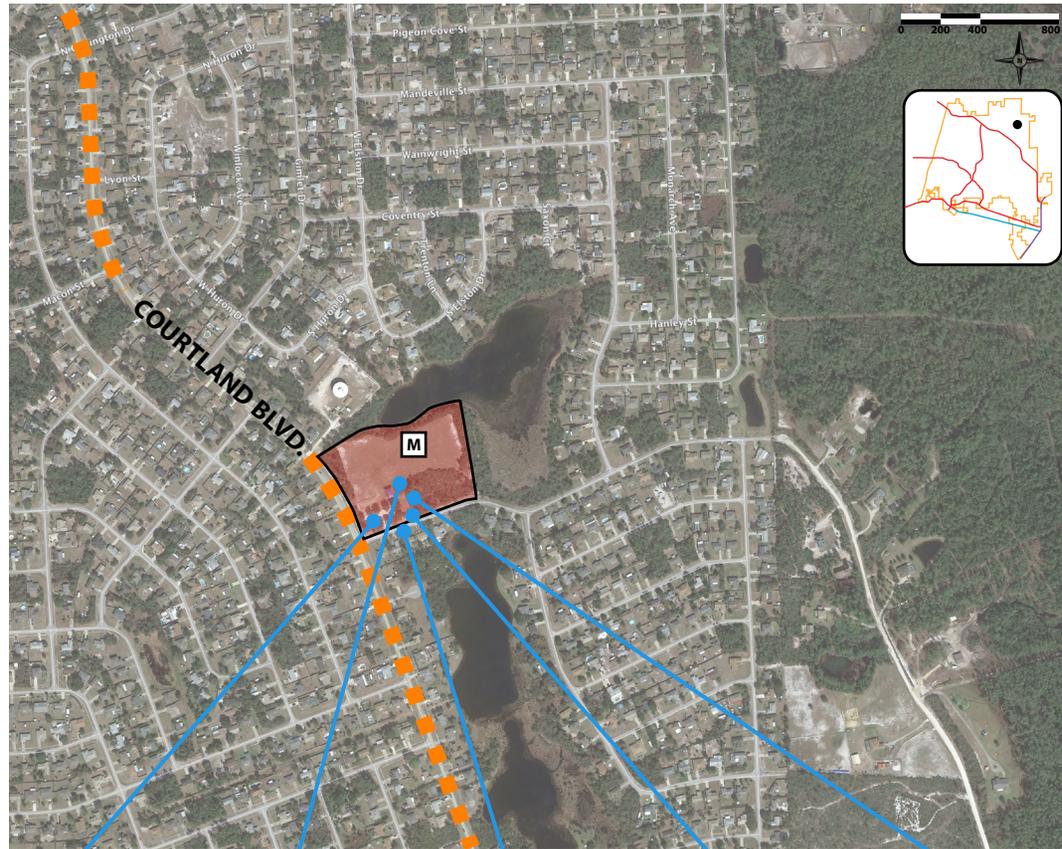


figure 1.2.4-1

# N. Veterans Memorial Park

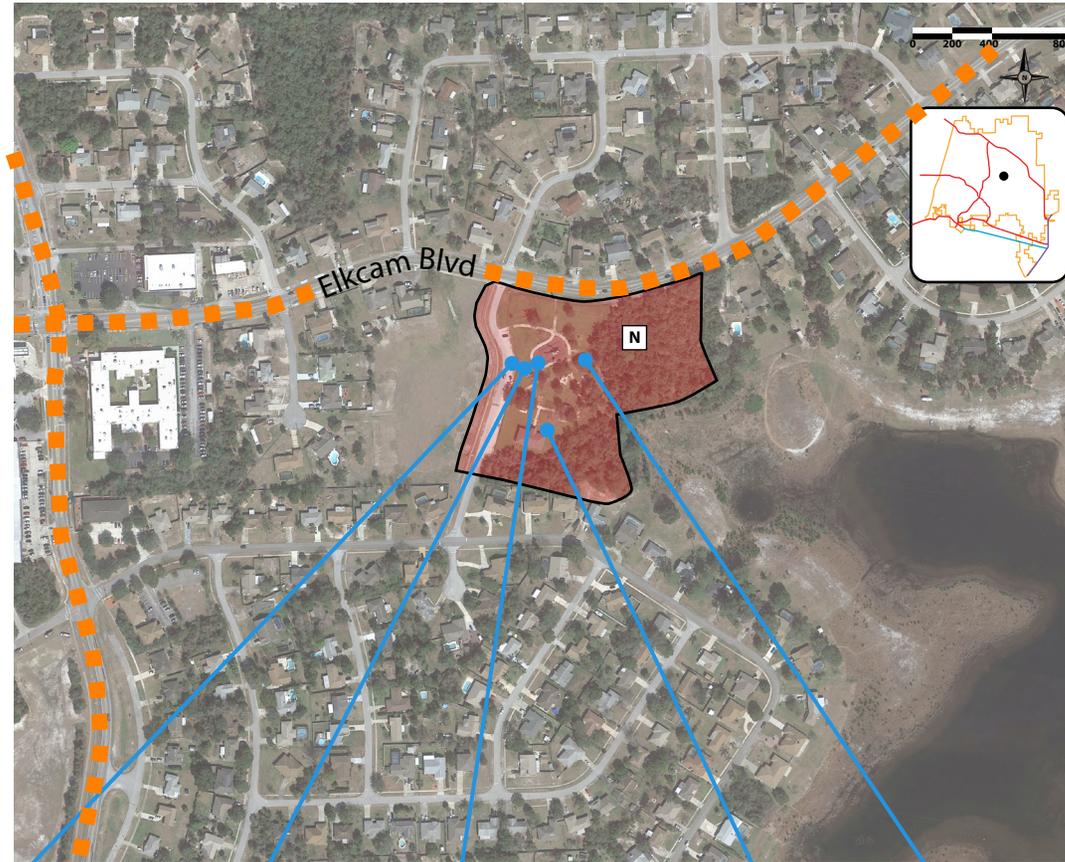
• Owner - Deltona Parks and Recreation

## Park Land

• Total Area = 6.3 Acres

## Facilities

- Large Picnic Pavilion
- Restrooms
- Museum
- Real Cobra Helicopter Display





### 1.2.5 GENERAL OBSERVATIONS ON EXISTING FACILITIES:

An analysis of existing facilities included capacity, quality, current use, access, relationship to other facilities, potential for expansion or re-purposing, and other element to determine their relevance. It is best to build upon what exists when possible and it is also important to see how the facilities meet the current recreation demand for the Deltona citizens. These sites were assessed at a base level and the findings are not complete to make complete strategic plan for comprehensive park improvements, however they did yield some insight as to the status of facilities and programs and where these could be used for the sports tourism industry. However, and more importantly, the analysis indicated the state of recreation in Deltona is good, it is lacking in some areas and a more comprehensive plan should be considered. This was confirmed in the commission workshop and that's the change in direction for this analysis. When a comprehensive study is completed it is important that an open public participatory process is employed so that the citizens can have input and insight in to the planning process and the recommendations. This should be a plan for the public, by the public, and should be facilitated by recreation planning professionals.

Our general observations and research recreation and of the general sports participation market are below:

- Considerable participation at the local league level in youth football, baseball and soccer. These leagues are well established and serve as a solid base to future tournament development.
- At present, soccer facilities are of high quality and capable of hosting smaller regional tournament activity. Other quadrilinear fields for football activity were also of high quality but sporadically located.
- Baseball facilities are well maintained but sporadically located and some field sizes are small, making it difficult to host multiple age groups in tournament settings. County facility across I-4 was of high quality.
- Indoor facilities are lacking in quantity. We observed one indoor basketball court.
- The local YMCA has an aquatics facility.
- A track facility was indentified at Deltona High School.
- Tennis facilities were of average quality and sporadically located at multiple parks.
- Trail system identified throughout the city and area is well setup and could have great potential for cycling and endurance sports.

### 1.2.6 POTENTIAL PARTNERS / LAND FOR DEVELOPMENT

In these times we are faced with competition for tax dollars for roads schools public safety and other municipal needs, recreation is sometimes left behind. However recreation is typically a key indicator as to the quality of life for a community. In many cases, some facilities are duplicated between parks and schools or city recreation a state or county recreation provides, it is best if this can be avoided. It is important to be efficient when considering new development and it is especially important to realize that the needs of the community supersedes the needs for new recreational complexes that are only for the sports tourism market. Many of the most successful Sports Commissions merely facilitate and promote events, they do not build. Their success relies on assessing the assets and building partnerships that can be packaged and promoted without large investments in sports infrastructure.

Likewise being efficient and utilizing public school facilities as well as park facilities, when coordinated, can make for a better, more efficient recreation and complete resource.

Figure 1.2.6-A indicates existing city parks and their location relative to each other, city circulation as well as some identified available land and potential partnerships to be considered for a best case collaboration. Figures 1.2.6-B through 1.2.6-J are a site specific overview of these lands and potential partnership site and their opportunities and constraints. The future comprehensive parks plan should further delve into these potential sites and determine the most viable and needed after discussions with the public, property owners and administrators.



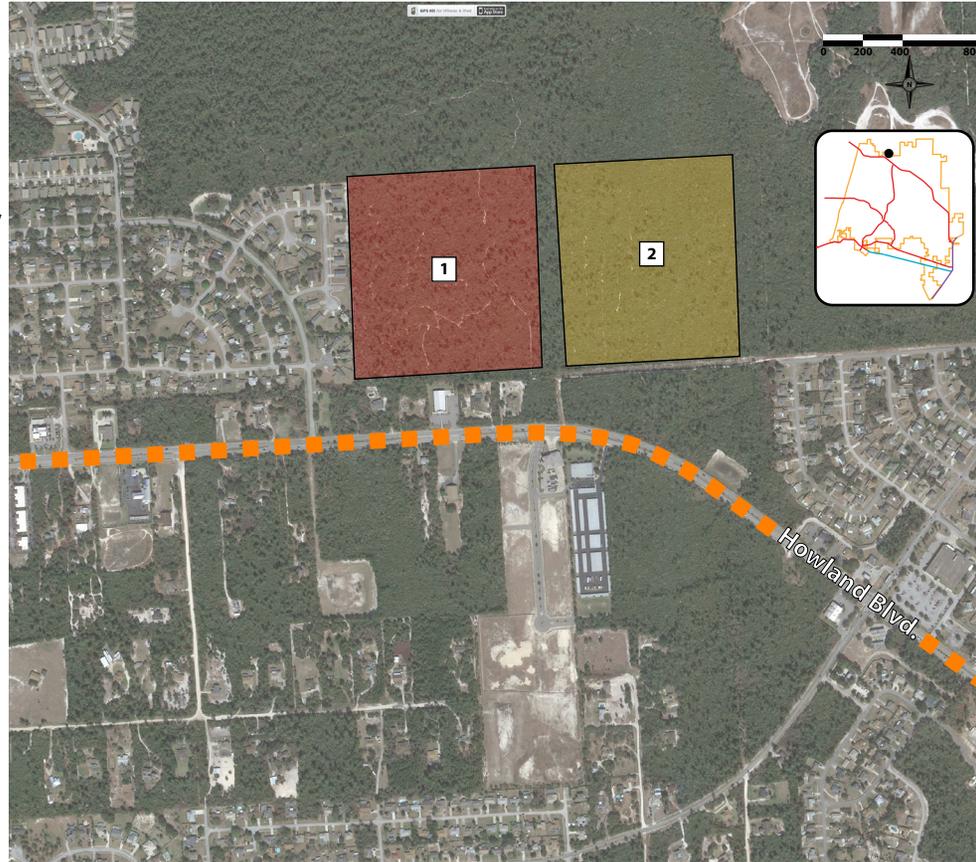


Potential Partnerships and Development		
SYMBOL	PARK NAME	APPROX. ACREAGE
1	School Board Property #1	±32
2	Casey Property	±39
3	Assembled Properties	±70
4	Carter Property	±34
5	School Board Property #2	±156
6	City 122 Acre Tract	±122
7	Luthra Property	±17
8	Deltona High School & YMCA	±50
9	Green Springs Park	±36
10	Luthra Property	±140
11	Lyonia Preserve	±360
12	Deltona Country Club	±155

figure 1.2.6-A

# 1. School Board Property

- TOTAL AREA: 32 Acres
- LAND USE/LAND COVER: Upland Mixed Coniferous/hardwood
- FUTURE LAND USE : Residential Low Density

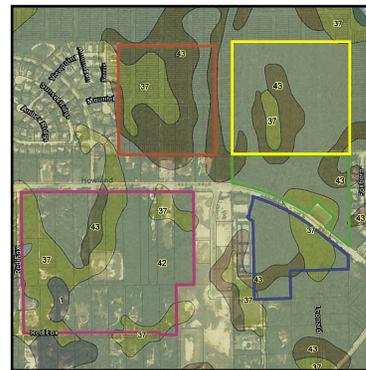


# 2. Casey Property

- TOTAL AREA: 39 Acres
- LAND USE/LAND COVER: Upland Mixed Coniferous/Hardwood
- FUTURE LAND USE : Residential Medium Density



WETLANDS MAP



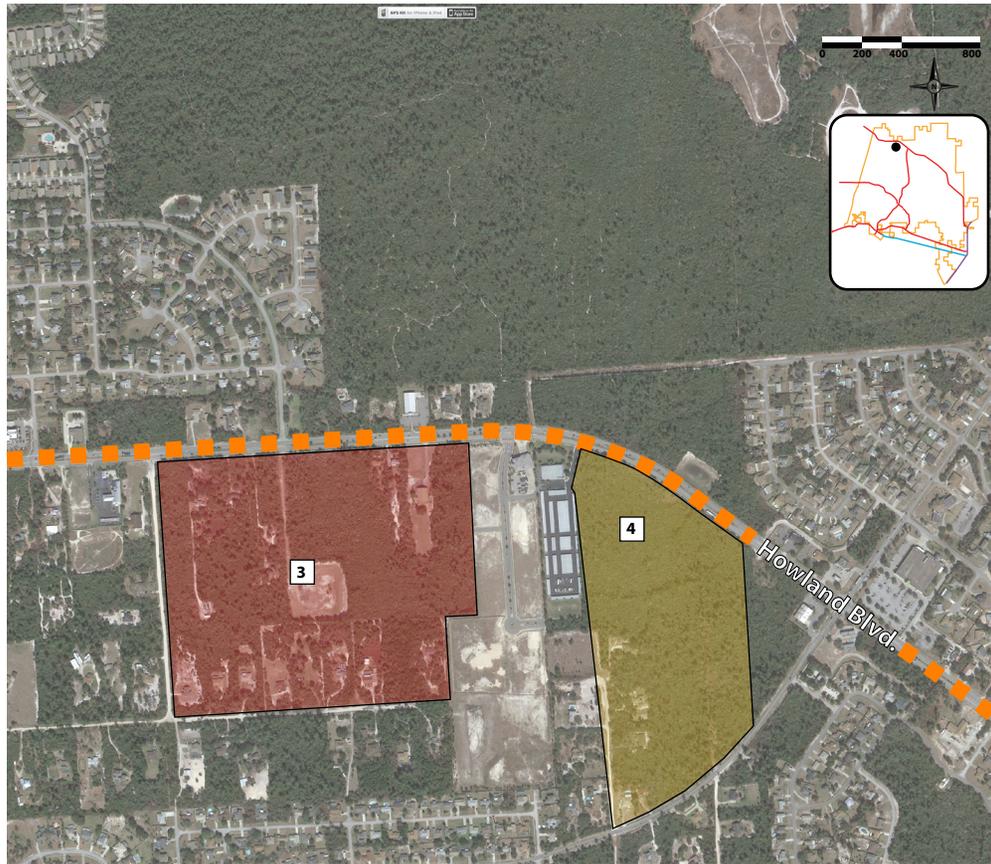
SOILS MAP



TOPOGRAPHY MAP

### 3. Assembled Properties

- TOTAL AREA: 70 Acres
- LAND USE/LAND COVER: Sand Pine and Rural Residential
- FUTURE LAND USE : Commercial and Residential Low Density

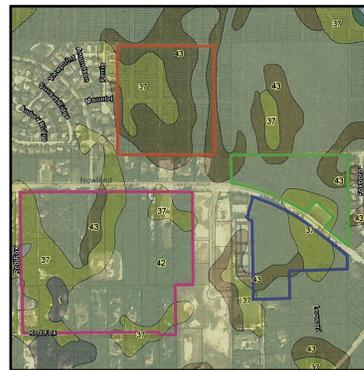


### 4. Carter Property

- TOTAL AREA: 34 Acres
- LAND USE/LAND COVER: Upland Mixed Coniferous/hardwood
- FUTURE LAND USE : Commercial



WETLANDS MAP



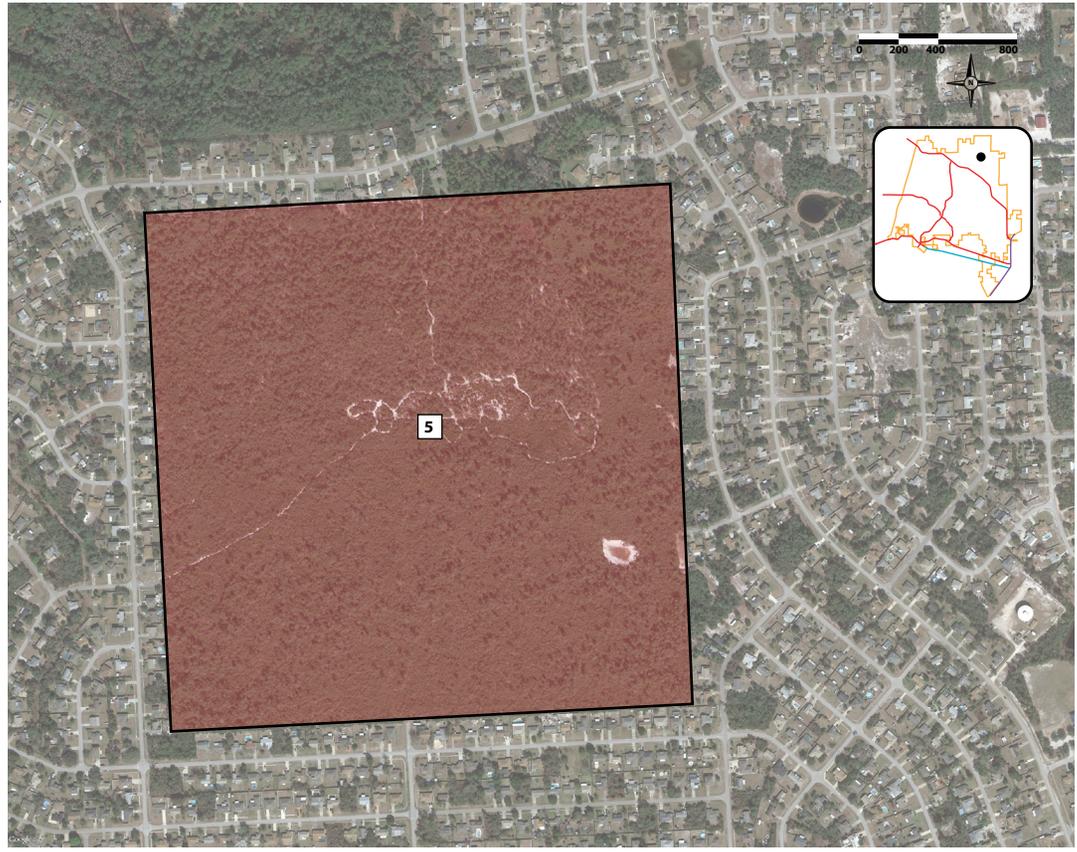
SOILS MAP



TOPOGRAPHY MAP

# 5. School Board Site

- TOTAL AREA: 156 Acres
- LAND USE/LAND COVER: Sand Pine and Pine Flatwoods
- FUTURE LAND USE : Residential Low Density



WETLANDS MAP



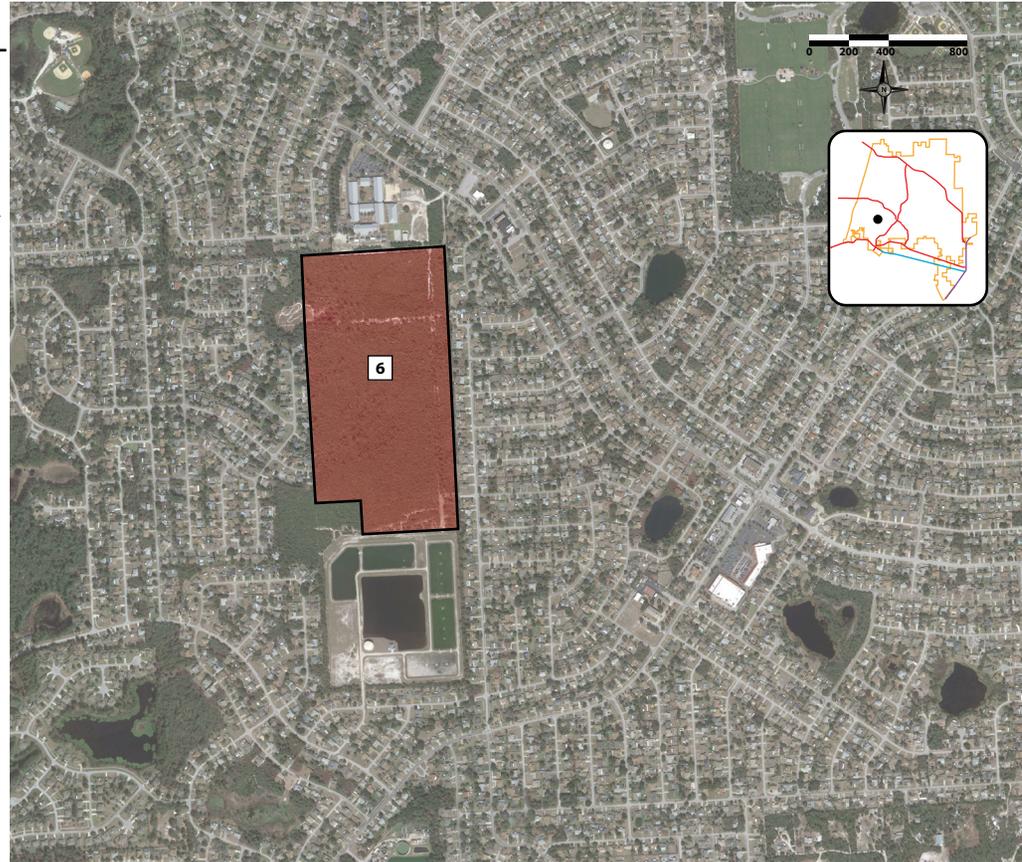
SOILS MAP



TOPOGRAPHY MAP

## 6. City 122 Acre Tract

- TOTAL AREA: 122 Acres
- LAND USE/LAND COVER: Sand Pine and Pine Flatwoods
- FUTURE LAND USE : Residential Low Density



WETLANDS MAP



SOILS MAP



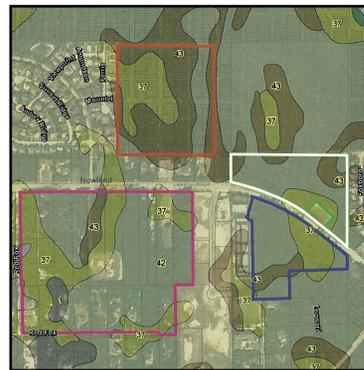
TOPOGRAPHY MAP

## 7. Bobby Luthra Tract

- TOTAL AREA: 17 Acres
- LAND USE/LAND COVER: Upland Mixed Coniferous/Hardwood
- FUTURE LAND USE : Residential Medium Density



**WETLANDS MAP**



**SOILS MAP**



**TOPOGRAPHY MAP**

## 8. Deltona High School & YMCA Property

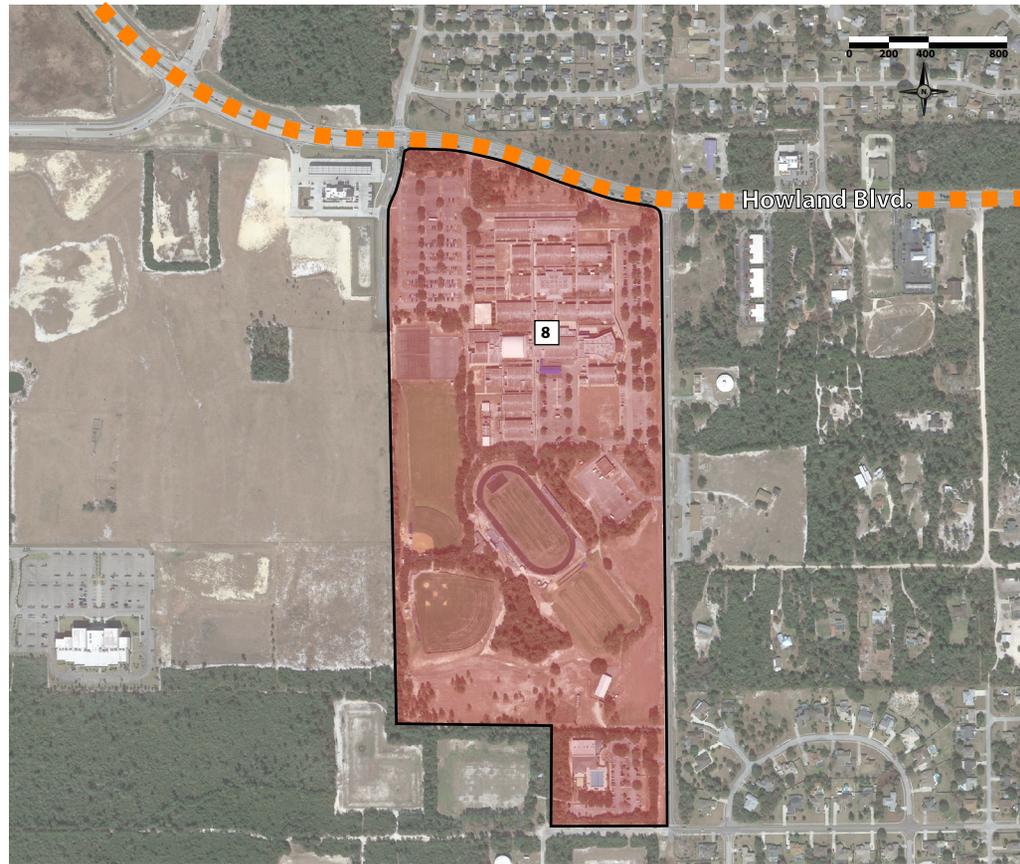


figure 1.2.6-G

# 10. Green Springs Park

• Owner - Volusia County

### Park Land

- Total Area = 36 Acres
- Develop-able Land = 0 Acres

### Facilities

- Picnic Pavilions
- Paved Trails
- Natural Trails
- Trail Head for Two Regional Trails
- Scenic Overlooks
- Playground
- Green Sulfur Spring

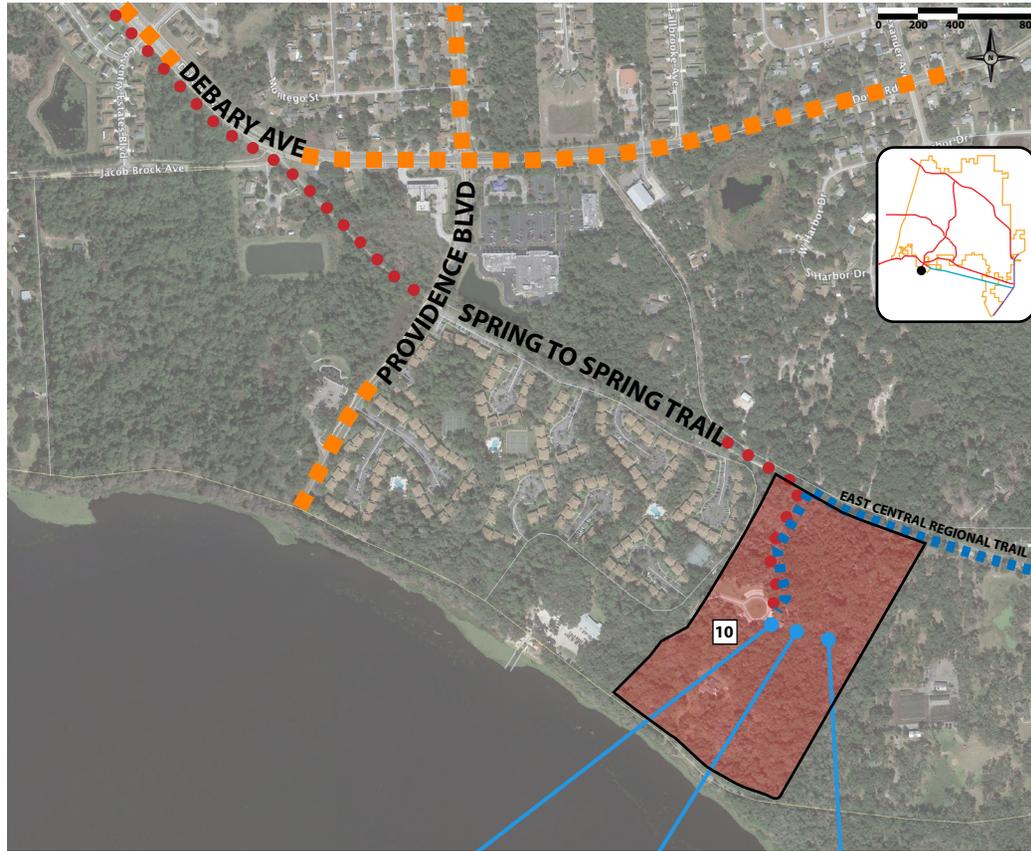


figure 1.2.6-H

# 10. Luthra Property

• TOTAL AREA: 140 Acres

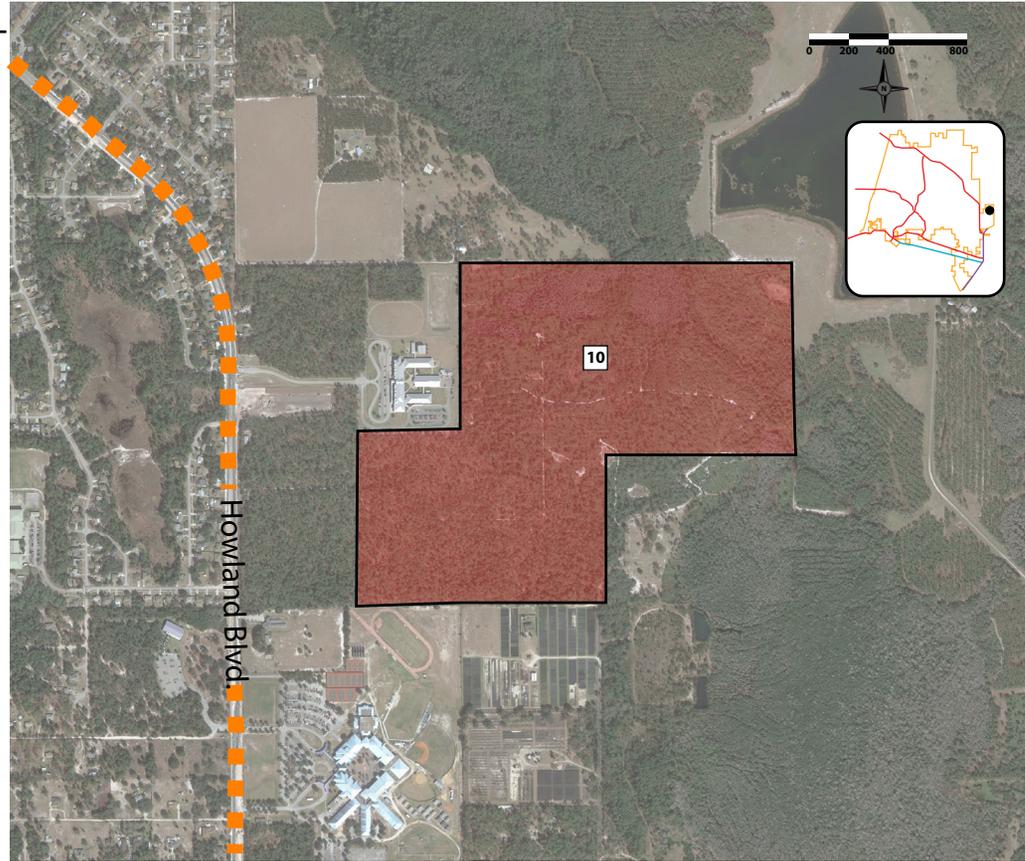


figure 1.2.6-1

# 11. Lyonia Preserve

• Owner - Volusia County

### Park Land

• Total Area = 360 Acres

### Facilities

- Nature Trails
- Environmental Center
- Amphitheater

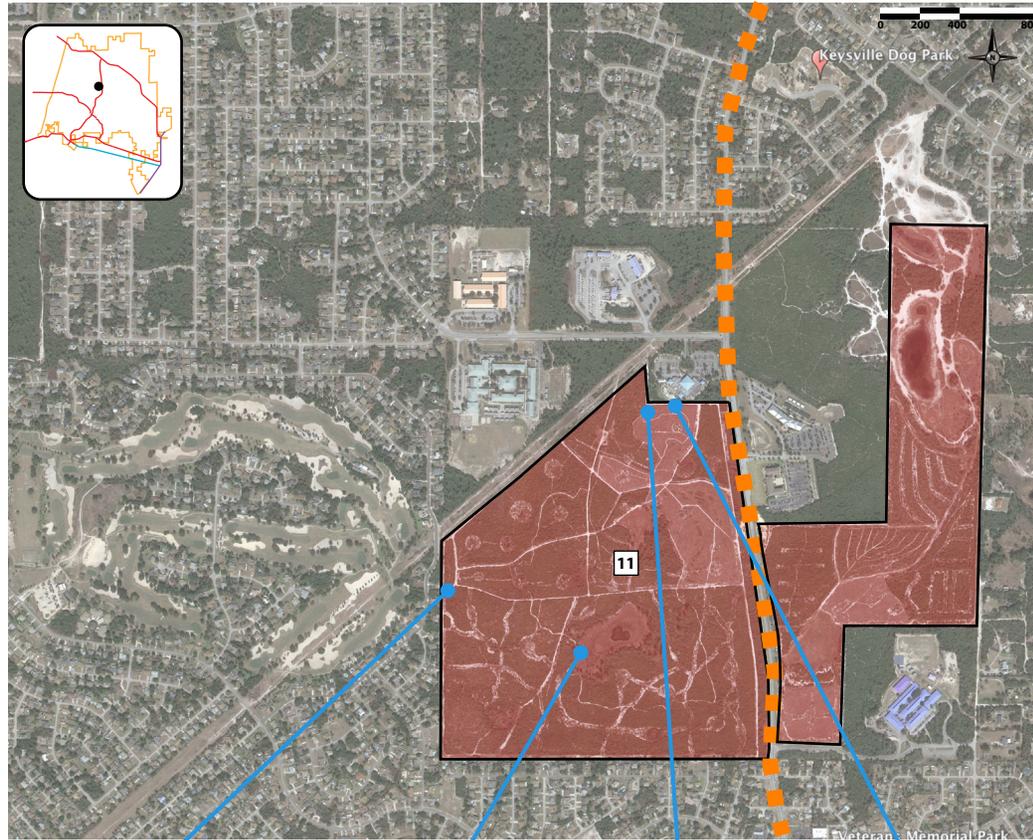


figure 1.2.6-J

### 1.2.7 CONNECTIVITY AND A WALKABLE DELTONA

Our experience shows that typically trails and walking paths are among the most desired recreational activities by a community. Greenways, bikeways, jogging and walking paths or linear parks are among the best recreational assets that raise quality of life and known to raise property, values increase safety and lead to a healthier and more vital community. We believe that Deltona is well positioned to capitalize this potential with new trail development to enhance a good existing system at the southern part of the city.

These existing trails include the East Central Regional Rail Trail, Spring to Spring Trail, both of which have planned expansion to further connect to areas outside the city limits into the greater county area, and the SR 415 Trail. There is also there is also a well defined trail system at the Lyoينا Nature Preserve that is a well used interpretive and ecotourism draw for the city. The 2016 Office of Economic development report of July 2016, references plans the Lakeshore Loop trail which should be in construction soon will complete the loop around Lake Monroe. The OED report also references a feasibility study for the River-to-Sea Transportation Planning Organization for a shared path along or near Providence Boulevard.

The potential for new trails that connect the existing across the southern part of town and access some quality natural assets such as Lake Monroe and the Green Springs site to the rest of Deltona is great. In fact in our preliminary analysis, with the possibility of the Providence trail in the works, and assessing the general potentials in the city, it looks to be relatively easy. Some basic analysis of the utility easements, the streetscape and the road sections indicate a great potential to enhance the connectivity from south to north, to City Center and the activity zone as well as to link recreational resources, both city and county owned through an expanded trail system. This trail expansion could be a key to creating a better quality of life as well expanding some sports tourism potential by providing and promoting cycling events or everyday group rides throughout and expanded trail system. This could also factor into endurance sports such as triathlons, marathons and other races or fund raiser walks and runs.

To date the trails projects that have been completed seem to have been done by others and are more regional in scope. We believe that with a more in depth study of the Deltona specific needs and opportunities to enhance the trails system throughout the city is warranted as part of Deltona's recreational offerings. This city trails system tying into the regional system could be a centerpiece to enhancing the recreational opportunities in the city. By tying parks, schools and others assets together, creating a truly walkable and bikeable community this could be the envy on many communities in the state and warrants further study.

Figure 1.2.7-A indicates the existing, proposed and potential trails projects that should be discussed as future potential projects.



### Trail Map Legend

- Deltona City Park
- Volusia County Park
- School
- ✱ Trailhead
- East Central Regional Rail Trail
- ⋯ Future East Central Regional Rail Trail
- Spring to Spring Trail
- ⋯ Future Spring to Spring Trail
- SR 415 Trail
- - - Potential New Trails
- ⋯ Potential Paddling Route/Endurance Swim

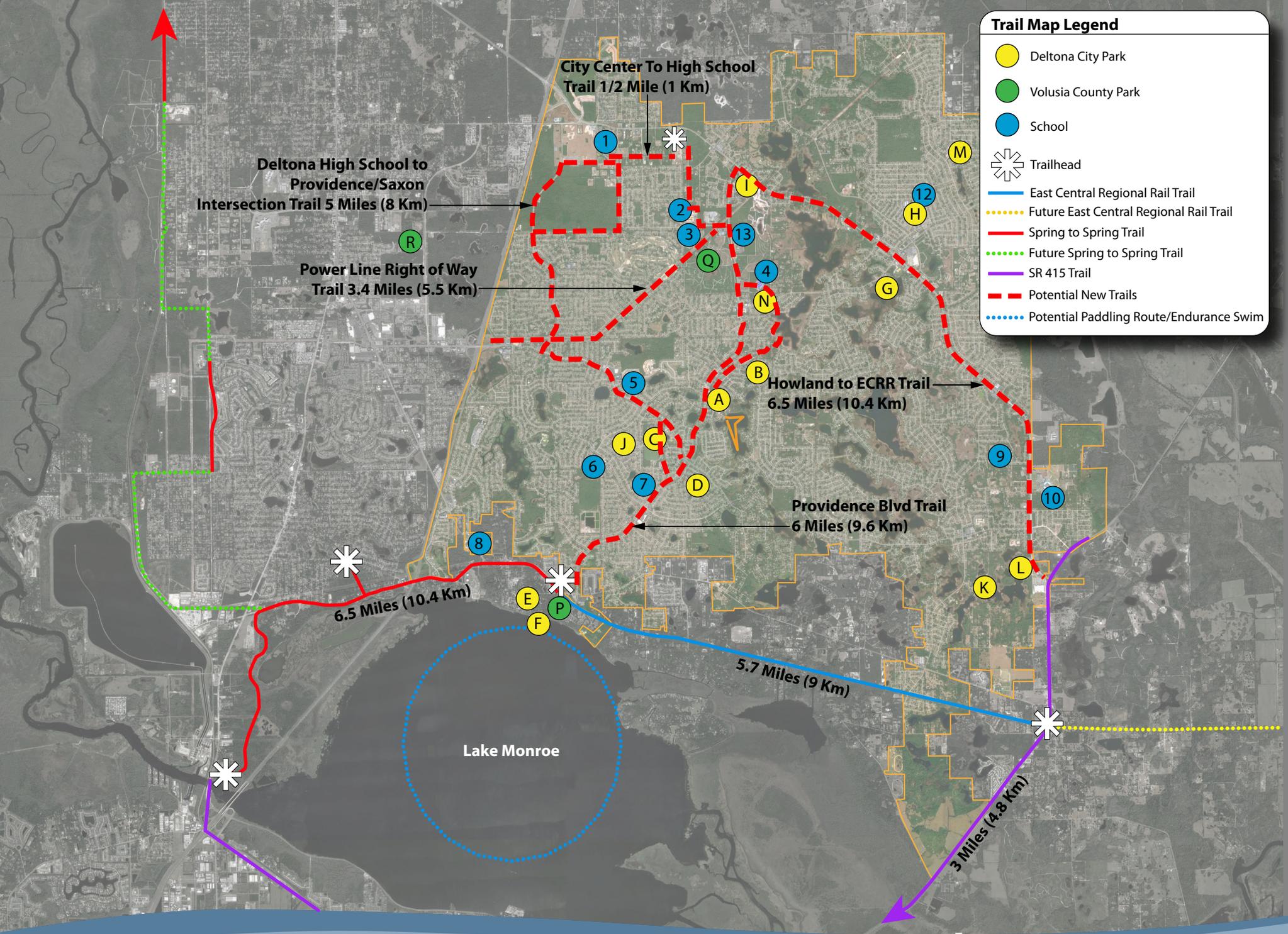


figure 1.2.7-A

### 1.2.8 - CITY CENTER SPORTS FACILITY & STADIUM

As Cities and municipalities throughout the United States continue to invest in recreational and sports facilities to meet the needs of their citizens as well as draw events and travelers to their cities to generate economic impact, Deltona has also considered the idea of using sports tourism to give unity and purpose to its concept of creating a City Center or place where the citizens can call their community center. While a sports venue may not be the only draw to city center, it could be a calling for community on a regular basis and could enhance this concept. This plan included the study of this concept of a "City Center" tied into a tournament-grade sports facility and a new stadium venue, but this is not particularly common in our experience relative to the Sports Tourism market. Typically these field based tournament facilities (large baseball/softball, soccer) tend to consist of large tracts of land (80-150 acres). Attracting large scale events is predicated on having facilities capable of accommodating large numbers of teams and participants; therefore large spaces are needed for the numbers of fields, parking and other amenities necessary for hosting these events. As stated before, the participant oriented events are the basis for the best economic impact, therefore a stadium facility could support these events, but would not yield the best return on investment.

Figure 1.2.8-A illustrates suitable land planning for the general area of City Center. This indicates the appropriate setbacks for the best use scenario for developing the Howland corridor, allowing 400' depth properties with frontage and illustrating where any recreational or Sports facilities might be best suited. It also indicates the relative size of an 80 acre and an 150 acre site and the impacts of developing a single stand alone facility in this area. A new stadium would also take significant acreage to provide the facility and parking needed and these diagrams do not reflect a stadium concept, but are relative in acreage used for a stadium facility.

Tying a facility of these sizes into the current "City Center" area in Deltona seems unlikely

due to the size of the tracts of land available. That being said, a sports and recreational component to the "City Center" is certainly conceivable with perhaps a focus on other portions of the sports niche. It is also important to realize that all of the facilities to attract a tournament not need be located at one venue. A main tournament venue for opening ceremonies and coordination, in conjunction with other facilities around town can function as well as a single large stand alone facility. Also as stated previously, it is, in our opinion, important to build for the needs of the citizens first, keeping sports tourism in mind. This could be accomplished in a smaller scale as part of a City center concept, but it is recommended that this be a "center for the city" not simply an attraction for outsiders to use.

Perhaps building on the new Community Center as an anchor for this new recreation hub in City Center could be a good start. Providing an indoor recreation center along with some outdoor facilities for sports, entertainment and festivals could be a good solution. This will need further study, however Figure 1.2.8-B illustrate, at a very basic level, how some of these vacant land surrounding City Center could potentially be used in this manner. Perhaps the existing stadiums in the city could be considered for consolidation and upgrades in order to provide for the city's needs and opportunities for a stand alone stadium venue.

It is also important to keep in mind the lack of hotel rooms available in town at this time is low, and does not lend itself to a fruitful economic benefit at present. As incentives are provided and development occurs, the concept of the City Center area should be considered as an enterprise zone or preferred land use for support hotels, restaurants and entertainment establishments. This, along with public and sports events could create a strong synergy and should provide the desired sense of frequent programmed events and activity that is desired.



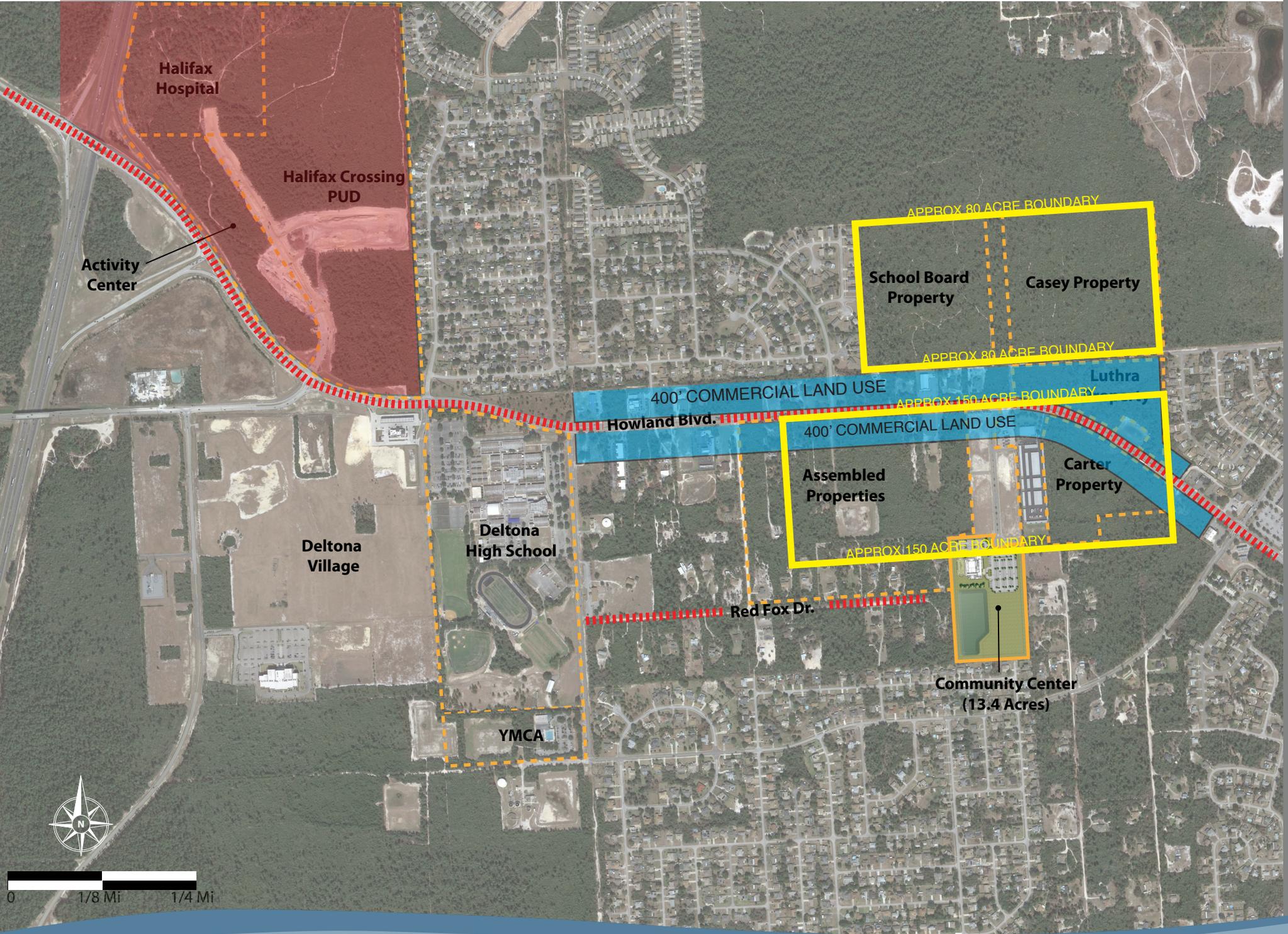
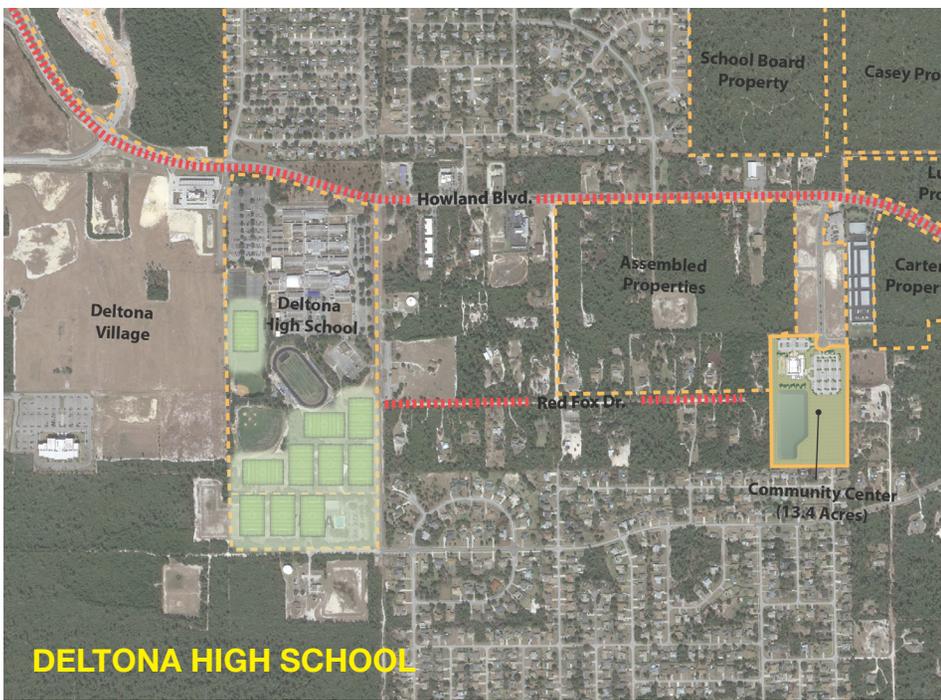
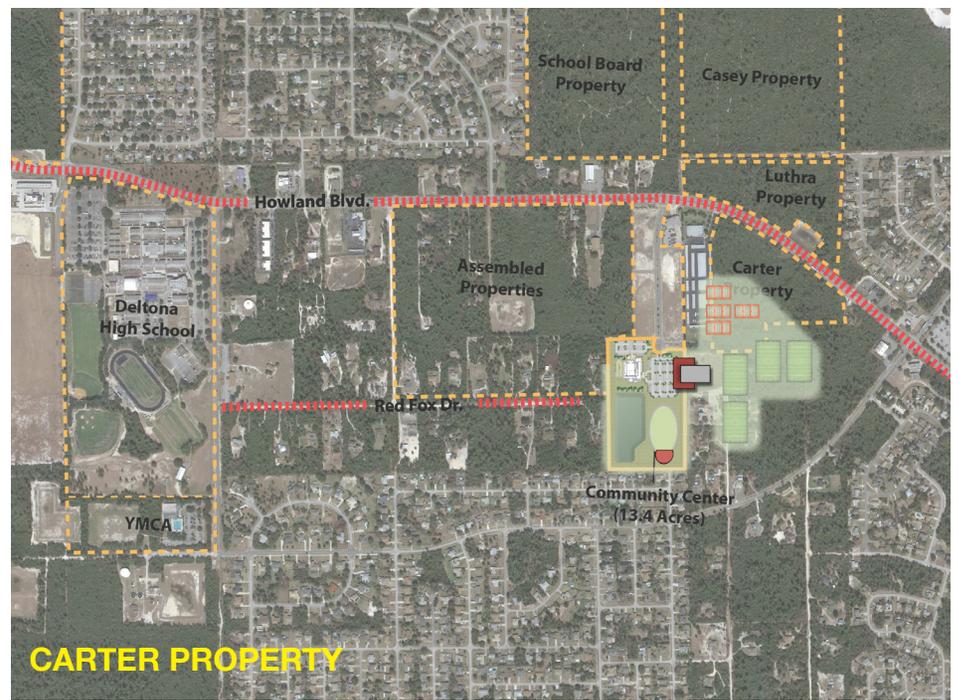


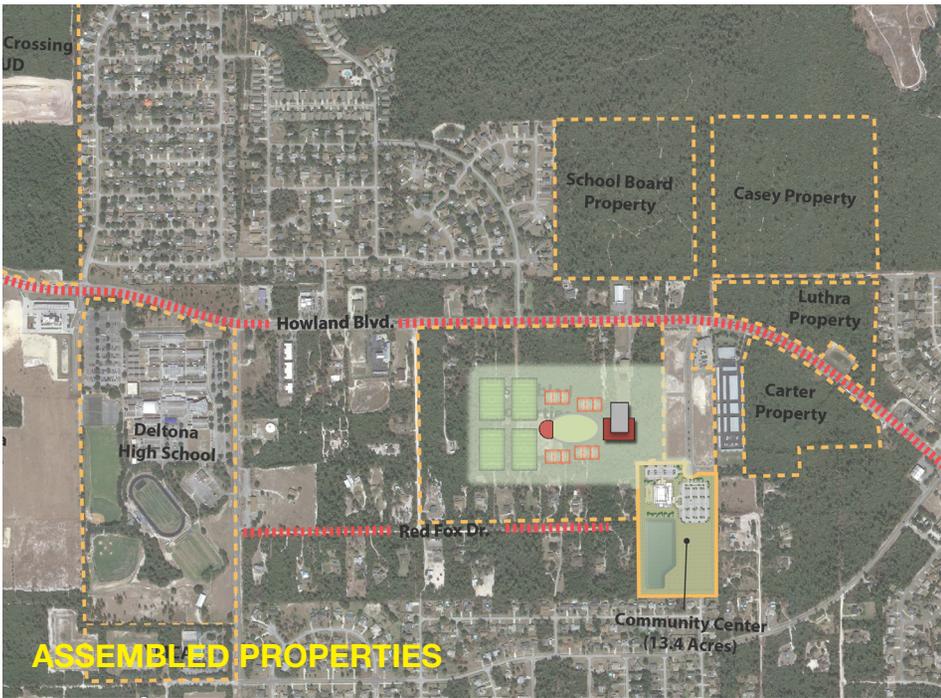
figure 1.2.8-A



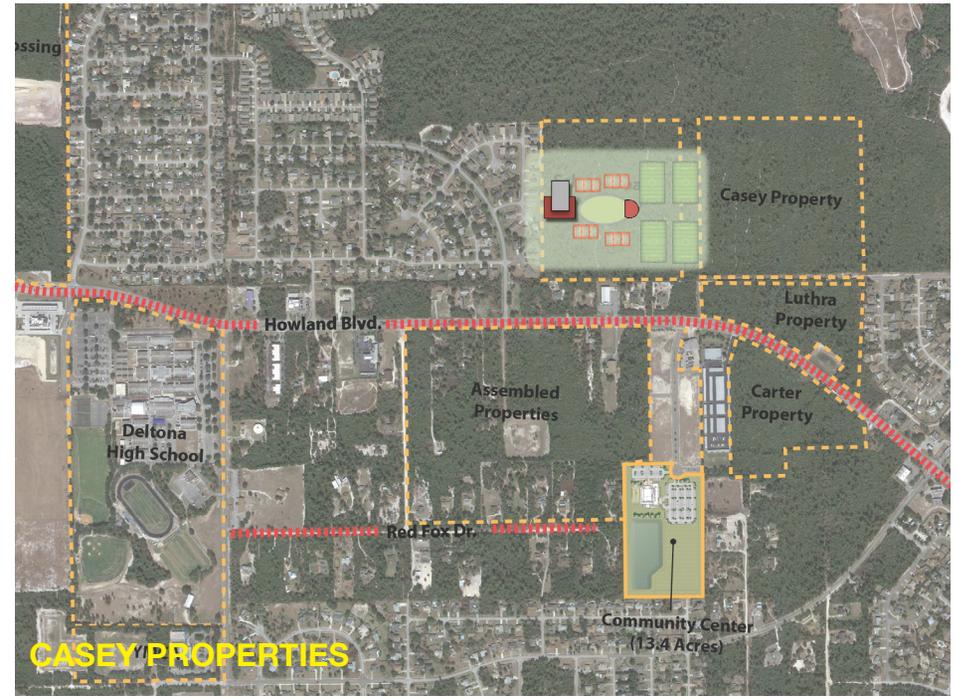
**DELTONA HIGH SCHOOL**



**CARTER PROPERTY**



**ASSEMBLED PROPERTIES**



**CASEY PROPERTIES**

figure 1.2.8-B



## 2.1 SPORTS TOURISM

### 2.1.1 POTENTIAL SPORTS TOURISM NICHE

Defining the “niche” for the Deltona area is certainly an important step. However, It is critical to build right – what is right for Deltona - that’s what is important. Successfully entering the market may or may not include building for a specific sport, but developing a niche from what is existing in the community and building what the community wants from a recreational stand point is a better approach. As stated earlier, some the most successful sports commissions do not build or own facilities, they merely promote what is available and build on strengths of the community.

Build on what you have ... Build for the market ...  
Build what’s right for Deltona ... Find Synergy!

Based on our initial visit and understanding of Deltona and our market research, as well as the input from City Planning and Recreation staff, and the Board of Commissioners and City Manager, the following would be our recommendation for the best opportunities for the City of Deltona as its Sports Tourism Niche. These sports or activities are largely existing to some extent in Deltona today, or are notably missing public recreation facilities we believe could both be assets to the public, and as the focus of any sports tourism marketing efforts.

1. Rectilinear Field Sports
  - Soccer primary use
  - Youth club, college and pro training, show-cases
  - Lacrosse
  - Rugby
  - Tier two field sports (Aussie Football, Ultimate Frisbee, Quidditch)
2. Connectivity, Trails, Lakes and Nature
  - Cycling, passive and events
  - Endurance sports – Swim, Bike, Run
  - Running Club Runs, Racing
  - Birding and nature-based tours
  - Cross Country – High School and College
3. Tennis
  - Tournaments, League Play
4. Entertainment Venue
  - Fall/Spring concert series
  - Festivals and special events
  - Events attached to other sports activities
5. Indoor Recreation Center/Gym/Fieldhouse as center of a New Suburban Park and small sports venue at City Center
6. City Stadium - The idea of building a public, City owned sports stadium as a stand-alone sports tourism draw is not recommended at this time. However, consideration of the consolidation of the stadiums in the City into one higher



**“Most successful sports commissions do not build or own facilities, they merely promote what is available and build on strengths of the community.”**

**“Build on what you have ... Build for the market ... Build what’s right for Deltona ... Find Synergy!”**

quality, City owned stadium with a larger capacity should be explored. This would likely take some time to accomplish and should be a lower priority, but this stadium could be promoted for use by all of the schools, as well as a venue for major events.

- Large field for soccer, football, lacross, rugby,
- 8 lane 400 m track and field facility
- Capacity to be determined

This would require a collaborative approach between the School Board, the high schools, and Deltona Parks and Recreation in order to develop a cooperative attitude towards the consolidation of the facilities and events. However, this could potentially maximize the usability of one major stadium, and reduce the redundancy of facilities that go underutilized within the City.

### 2.1.2 SUPPORT FACILITIES AND PROMOTION INITIATIVES

Marketing the City of Deltona as a sports tourism destination has to be considered in a big picture context with all possible partners, resources, and economic beneficiaries. Below is a list of action items to consider before moving forward with a sports tourism marketing effort:

1. Hotel and Support Service Development.

At present, a successful sports tourism effort would economically benefit the City of Deltona some, but a lack of hotel development would also very significantly benefit surrounding communities such as Orange City, Deland and Lake Mary. Some effort to encourage hotel development in the city limits is an important step for all tourism efforts in the city.

- a. Develop a plan of action for creating an enterprise zone to entice

development of the support to facilities needed to capitalize on sports tourism. Primarily incentives for hotel and food and beverage establishments preferably in the city center area.

- b. Develop incentives such as Tax Incentive Financing, impact and development fee reduction
  - c. Develop a zoning or design standards for this enterprise zone in order to have some input and control of the development that occurs in the area.
2. Collaborate with current CVB/Tourism Bureau
 

Funding for sports tourism is most traditionally acquired through hotel/motel taxes; at present, those occupancy taxes generated inside the city limits of Deltona are funneled to the West Volusia Tourism Advertising Authority. Understanding the capabilities of this entity and how they can be a contributing partner is an important step.

    - a. Consider establishing a hotel /motel tax that is specific and dedicated to the City of Deltona. This should be put into place prior to and as part of the incentive program for the development of new properties
  3. Determine partners who can serve as points of contact in each niche
    - a. Researching each niche thoroughly in the market should reveal critical sports contacts who can serve as local coordinators in particular sports. These individuals are critical.
  4. Designate staff/personnel to serve as point of contact for sports marketing effort
    - a. A designated lead and overall point of contact will be needed to oversee this effort as well as serve as a liaison to the city and its departments. This person will need to be familiar with not only city facilities but also with the local sports coordinators, city officials and business community.
  5. Develop future branding for market
    - a. Ultimately, a "brand" will need to be created that distinguishes Deltona, its facilities and capabilities from other markets in the region. This would likely best be accomplished in conjunction with the West Volusia Tourism Advertising Authority. This is an important step in the future, especially in central Florida where there are so many communities working toward this sports tourism goal.
  6. Define actionable goals/objectives as well as performance measures
    - a. Any sports tourism effort would need to be measured against by some quantitative goal or objective. Estimated economic impact, return on investment and/or hotel room night occupancy rates are all common performance measures in the sports tourism world.

### 2.1.3 BUSINESS PLAN OVERVIEW

The primary methodology and/or criteria used in determining the niche(s) set forth are as follows:

1. Current Market Conditions
  - a. Any sports tourism effort has to consider the local/regional market in which they are located. Our analysis carefully considered sports tourism efforts in the region as well as recent facility investments by neighboring counties and cities.
2. Economic Impact Considerations

- a. As discussed previously, spending multipliers and travel party numbers differ based on the sport, age groups participating and gender of the athletes/competitors involved. The niche(s) presented, per our analysis and experience, provide strong spending impacts with minimal resources in time and effort.
  - b. An important consideration, in this particular situation, are events that are turnkey and/or involve little operational or logistical support are bested suited for the staff and personnel involved.
3. Existing Infrastructure/Activity
    - a. Understanding what is already in place is another critical aspect of this discussion. Building on existing activity and infrastructure allows for local contacts to take existing events and possibly expand or grow those events utilizing new or renovated facilities.
    - b. Familiarity between the city and these local contacts also leads to better long term relationships and ultimately better events.
  4. Trend Analysis
    - a. Participation growth in certain event and sport types is important to consider as a full facility plan is put together for the City. While the traditional sports tourism market for youth-based team sports remains steady, growth continues in competitive running and triathlon, recreation bike riding, and other "active" lifestyle activities that can also fall into informal recreational opportunities. This part of the sports tourism market is difficult to quantify but can be considerable when the proper infrastructure is in place.
  5. Future Growth and Potential
    - a. Lastly, an overall look at considering future niche growth when planning construction is another important thought. Connectivity between parks, possible facility expansion for larger events and designing facilities to be multipurpose allows for flexibility and adjustment in the future.



## 2.2 DELTONA RECREATION

### 2.2.1. PRELIMINARY RECOMMENDATIONS

Upon the presentation of the preliminary findings and recommendations relative to the Sports Tourism Niche, at the commission work shop on September 12, 2016, a consensus to further study the status of the public recreation needs of Deltona was developed. Generally, the decision was that, since the inventory of hotel rooms and other support facilities to capitalize on the sports tourism market is low, and that there were some parts of the Public recreation needs that were not met, that the direction of this plan should further consider the state of recreation in Deltona. A inventory and a preliminary assessment of assets of the existing parks and recreation system and was completed to determine how to proceed in order to better serve the citizens of Deltona, instead of focusing predominantly sports tourism. Based upon this initial assessment of the parks system as required by this phase of the study, there is an apparent demand and need for additional recreation facilities and programs. Additionally there are some untapped potential to be capitalized on for public recreation. The need for youth recreation is obvious and this has been discussed with city staff and the commissioners, however there is also an need for recreation of all types in order to allow the city to provide the best possible quality for all of its citizens.

This general assessment shows that the number of facilities for youth sports and activities is low given the numbers of children in the city. In some cases the existing facilities are lacking in support infrastructure such as parking and restrooms so the parks do not reach full potential. Additionally, many facilities are well maintained, but highly used. And, because of the overall acreages and lack of additional available land for development, these facilities are at capacity and in some cases, overused.

As per to the recommendation for the sports tourism market above, "Build on what you have ... Build for the market ... Find Synergy", this is applied to the facility recommendations as well.

The next step is to develop a new comprehensive Parks and Recreation Plan. This plan should be a long range vision for the upgrading of existing facilities, new parks, programs and connectivity. It should include recommendations for improvements and expansion of existing parks, as well as consideration of potential new property to acquire and develop. The scope of this plan should include the items listed below in order to be complete and have the best chance for success.

1. Develop a plan that considers the needs and demand for all of the demographics of Deltona. It is imperative to obtain input from the public to determine their real desired programs for the desires of the public.
  - a. Public Meetings - the planning process should be open and include ample public meeting so that the public can provide input throughout the process.
  - b. Stake Holders meetings - meet with non-city recreation groups that are

**"Build on what you have ... Build for the market ... Build what's right for Deltona ... Find Synergy!"**

**"Develop a new comprehensive Parks and Recreation Plan. This plan should be a long range vision for the upgrading of existing facilities, new parks, programs and connectivity".**

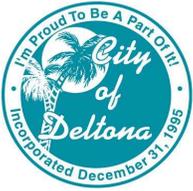


providing or associated with recreation in the city to maximize cooperation and to build relationships with other groups in order to build a coalition for public recreation.

- c. Survey's - Surveys, paper and online to allow input from those that can not make the public meetings.
2. Assessment of the previous Recreation Master Plans
  - a. Assess the previous plan and its recommendations for relevance and level of completeness in 2016.
  - b. Create a new list of development initiatives to be included into the recreation master plan.
3. Develop a plan for connectivity to enhance the walkability and bike able Deltona
  - a. Develop a master trails plan for deltona that expands the existing County trails throughout the City, connecting Schools, Parks and the City Center.
  - b. Determine potential for public rights of way and assess their potential

- development as such with input from the controlling intents.
4. Recommendations for existing properties for development.
    - a. Assess existing parks for their development potential as per the list of for needed facilities.
    - b. Develop schematic plans for the redevelopment or enhancement of existing parks as per the list of for needed facilities.
    - c. Determine infrastructure needs and costs for proposed improvements.
  5. Assess pertinent new properties for their development potential for needed facilities
    - a. Determine infrastructure needs and costs for development of potential properties
    - b. Assess costs and potential for acquisition of new properties.
    - c. Develop schematic plans for the most appropriate potential properties as per the list of for needed facilities.
    - d. Develop potential costs for proposed improvements of new properties.
  6. Develop a List of Priorities for development of the proposed plans





## Agenda Memo

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### AGENDA ITEM: A.

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 9 - A

**SUBJECT:**

Public Hearing - Ordinance No. 28-2016, Amending Chapter 94, Impact Fees, of the Land Development Code, and the City's Impact Fee Schedule for Fire/Rescue, Parks, Transportation, and Law Enforcement, at second and final reading - Chris Bowley, AICP, Planning and Development Services, (386) 878-8602.

Strategic Goal: Other Priority Objectives Identified - Maintain a balanced budget, reserves, and investments.

**LOCATION:**

City-wide

**BACKGROUND:**

Chapter 163.31801, Florida Statutes (FS), allows a local governments to levy impact fees to off-set "impacts" as a result of new growth. Specifically, the statutes list that impact fees are *"to use in funding the infrastructure necessitated by new growth. The Legislature further finds that impact fees are an outgrowth of the home rule power of a local government to provide certain services within its jurisdiction."* The statute requires local governments to provide *"notice no less than 90 days before the effective date of an ordinance or resolution imposing a new or increased impact fee."* Ordinance No. 28-2016 complies with this law.

The City collects impact fees for increased intensity of land uses and has had moratoriums in the past to help businesses locate or expand within the City. With economic recovery, the City updated its impact fees for parks, fire rescue, law enforcement, and transportation fees (water and sewer impact fees are within Deltona Water). In 2007, the City had an impact fee study completed that created an extensive list of land uses and fees. Some development applications did not always match that adopted land use list. The series of adoptions of fees is included in the composite attachment (see attached).

In 2015, the City contracted Burton & Associates (Burton) to revisit the adopted impact fees and to create a simplified uniform land use list that reflects Deltona's land use pattern. The impact fees for fire/rescue and law enforcement were found to be comparable to local communities similar to Deltona and are recommended for adoption. The existing parks impact fee is higher than comparative communities and Burton recommends keeping the current parks fee. The proposed transportation impact fees from Burton for some land use categories is higher. The City Commission directed staff to revisit those fees and a comparative analysis was performed. The recommended impact fee schedule within the attached Ordinance No. 28-2016 is the result of that analysis. Where the Burton

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**AGENDA ITEM: A.**

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transportation fee was higher than average, the City's current fee matching the City's land development pattern is recommended to be kept for economic development. It is also recommended that City impact fees be reviewed at least every five (5) years to remain current and to minimize large increases per update. Finally, the Planning & Zoning Board reviewed Ordinance No. 28-2016 on November 16, 2016, and voted unanimously (5-0) for the City Commission to adopt the ordinance. The City Commission voted unanimously (7-0) on December 12, 2016, to approve the ordinance at first reading.

**COST:**

N/A

**SOURCE OF FUNDS:**

N/A

**ORIGINATING DEPARTMENT:**

Planning and Development Services

**STAFF RECOMMENDATION PRESENTED BY:**

Chris Bowley, AICP, Director, Planning and Development Services - Staff recommends that the City Commission adopt Ordinance No. 28-2016, at second and final reading.

**POTENTIAL MOTION:**

"I hereby move to adopt Ordinance No. 28-2016, Amending Chapter 94, Impact Fees, of the Land Development Code, and the City's Impact Fee Schedule for fire/rescue, parks, transportation, and law enforcement, at second and final reading."

**ORDINANCE NO. 28-2016**

**AN ORDINANCE OF THE CITY OF DELTONA, FLORIDA, AMENDING THE CODE OF THE CITY OF DELTONA BY PROVIDING FOR STATUTORY COMPLIANCE; PROVIDING THAT IMPACT FEES BE SET BY ORDINANCE; AMENDING ARTICLE II AND SECTION 94-22, FIRE/RESCUE IMPACT FEE SCHEDULE, ARTICLE III AND SECTION 94-32, PARK IMPACT FEE SCHEDULE, ARTICLE IV AND SECTION 94-42, TRANSPORTATION (IMPACT FEE) SCHEDULE, AND ARTICLE V AND SECTION 94-52, LAW ENFORCEMENT IMPACT FEE SCHEDULE; PROVIDING FOR CONFLICTS; SEVERABILITY; CODIFICATION; AND AN EFFECTIVE DATE.**

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**WHEREAS**, the City of Deltona, Florida, desires to update its impact fee ordinance in full compliance with statutory requirements; and

**WHEREAS**, the City of Deltona desires to update Appendix A, Fee Schedule, of the City's Code of Ordinances, with regulations governing City impact fees listed in Chapter 94, of the City's Land Development Code that includes fire/rescue, parks, transportation, and law enforcement impact fees; and

**WHEREAS**, the City of Deltona shall assess impact fees per Section 163.31801, Florida Statutes and provide scheduled adjustments to ensure that adequate public facilities and services are provided to the community in a timely manner; and

**WHEREAS**, the City of Deltona has ensured that the calculation of the impact fee is based on the most recent, localized, and/or best available data source.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA**, as follows:

**Section 1.** A new Section 94-17, "Statutory compliance," of Chapter 94, "Impact Fees," is hereby amended to read:

**Sec. 94-17. – Statutory compliance.**

In accordance with Florida Statutes, Section 163.31801, the “Florida Impact Fee Act,” all impact fees of the City of Deltona shall:

- (a) Be calculated based upon most recent and localized data;
- (b) Provide for accounting and reporting of impact fee collections and expenditures for revenues and expenditures of impact fees in a separate accounting fund;
- (c) Limit administrative charges for the collection of impact fees to actual costs;
- (d) Require that notice be provided no less than 90-days before the effective date of an ordinance imposing a new or increased impact fee; provided that a 90-day wait shall not be required to decrease, suspend, or eliminate an impact fee; and
- (e) Audits of financial statements are performed by a certified public accountant pursuant to Florida Statutes, Section 218.39 and submitted to the Auditor General that include an affidavit signed by the Finance Director stating that the City of Deltona has complied with Florida Statutes, Section 163.31801.

**Section 2.** Section 94-22, “Fire/rescue impact fee schedule,” of Article II, “Fire/Rescue Impact Fee,” of Chapter 94, “Impact Fees,” is hereby amended to read:

**Sec. 94-22. – Fire/rescue impact fee schedule.**

The fire/rescue impact fee schedule is as established by ordinance of the city commission as set forth in the Appendix A: Fire/rescue Impact Fee Schedule, as provided in amended Section “Chapter 94, Impact Fees Table 94-1: City of Deltona Impact Fee Schedule for Fire/Rescue, Park, Transportation, and Law Enforcement.”

**Section 3.** Section 94-32, “Park impact fee schedule,” of Article III, “Park Impact Fee,” of Chapter 94, “Impact Fees,” is hereby amended to read:

**Sec. 94-32. – Park impact fee schedule.**

The park impact fee schedule is as established by ordinance of the city commission as set forth in the Appendix A: Park Impact Fee Schedule, as provided in amended Section “Chapter 94, Impact Fees Table 94-1: City of Deltona Impact Fee Schedule for Fire/Rescue, Park, Transportation, and Law Enforcement.”

**Section 4.** Section 94-42, “Transportation schedule,” of Article IV, “Transportation Impact Fee,” of Chapter 94, “Impact Fees,” is hereby amended to read:

**Sec. 94-42. – Transportation impact fee schedule.**

The transportation impact fee schedule is as established by ordinance of the city commission as set forth in the Appendix A: Transportation Impact Fee Schedule, as provided in amended Section “Chapter 94, Impact Fees Table 94-1: City of Deltona Impact Fee Schedule for Fire/Rescue, Park, Transportation, and Law Enforcement.”

**Section 5.** Section 94-52, “Law enforcement impact fee schedule,” of Article V, “Law Enforcement Impact Fee,” of Chapter 94, “Impact Fees,” is hereby amended to read:

**Sec. 94-52. – Law enforcement impact fee schedule.**

The law enforcement impact fee schedule is as established by ordinance of the city commission as set forth in the Appendix A: Law Enforcement Impact Fee Schedule, as provided in amended Section “Chapter 94, Impact Fees Table 94-1: City of Deltona Impact Fee Schedule for Fire/Rescue, Park, Transportation, and Law Enforcement.”

**Section 6.** Conflicts. Any and all Ordinances or parts of Ordinances in conflict herewith are hereby repealed and replaced, including and not limited to the existing impact fees listed in Appendix A, of the Code of Ordinances, City of Deltona, Florida, entitled “Fee Schedule”, Section “Chapter 94, Impact Fees”, Table 94-1, “Fire/Rescue, Law Enforcement and Park Impact Fees” of City of Deltona Resolution No. 2006-47, and Table 94-2, “Transportation Impact Fees” of City of Deltona Resolution No. 2014-32 with the following Appendix A, Table 94-1, Impact Fees Table 94-1: City of Deltona Impact Fee Schedule for Fire/Rescue, Park, Transportation, and Law Enforcement:

Appendix A  
Table 94-1: City of Deltona Impact Fee Schedule for Fire/Rescue, Park,  
Transportation, and Law Enforcement

<u>Land Use</u>	<u>Impact Fee Unit</u>	<u>Fire/Rescue</u>	<u>Park</u>	<u>Transportation</u>	<u>Law Enforcement</u>
<u>Single Family Use (Residential)</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>-</u>	<u>\$63.00</u>
	<u>DU</u>	<u>-</u>	<u>\$1,539.90</u>	<u>\$1,044.00</u>	<u>-</u>
<u>Multi-Family Use (Residential)</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>-</u>	<u>\$63.00</u>
	<u>DU</u>	<u>-</u>	<u>\$830.50</u>	<u>\$888.00</u>	<u>-</u>
<u>Hotel/Motel</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>-</u>	<u>\$63.00</u>
	<u>Room</u>	<u>-</u>	<u>-</u>	<u>\$1,029.00</u>	<u>-</u>
<u>Office</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$1,638.00</u>	<u>\$63.00</u>
<u>Hospital/Medical Office/Clinic/ALF</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$1,530.00</u>	<u>\$63.00</u>
<u>Automobile Station (Types A&amp;C Gas Station/Convenience Store)</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$6,968.00</u>	<u>\$63.00</u>
<u>Automobile Station (Type B Auto Care/Repair Center)</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$1,960.00</u>	<u>\$63.00</u>
<u>Retail</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$2,075.00</u>	<u>\$63.00</u>
<u>Restaurant (Type A Sit-Down)/Bars</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$4,826.00</u>	<u>\$63.00</u>
<u>Restaurant (Type B Drive-Thru)</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$14,461.00</u>	<u>\$63.00</u>
<u>Banks/Financial Institutions</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$7,005.00</u>	<u>\$63.00</u>
<u>Movie Theaters</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>-</u>	<u>\$63.00</u>
	<u>Screen</u>	<u>-</u>	<u>-</u>	<u>\$4,621.00</u>	<u>-</u>
<u>Industrial/Utilities</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$1,308.00</u>	<u>\$63.00</u>
<u>Storage/Warehouse/Flex Space</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$449.00</u>	<u>\$63.00</u>
<u>Recreation/Fitness Center (Private)</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$2,075.00</u>	<u>\$63.00</u>
<u>Civic/Institutional/Church</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$698.00</u>	<u>\$63.00</u>
<u>Daycare</u>	<u>1,000 SF</u>	<u>\$123.00</u>	<u>-</u>	<u>\$2,416.00</u>	<u>\$63.00</u>

**Section 7.** Severability. If any provision of this Ordinance or the application thereof to any person or circumstance is held invalid, such invalidity shall not affect any other provision or application of this Ordinance which can be given effect without the invalid provision or application.

**Section 8.** Codification. The provisions of this Ordinance shall be codified as and be made a part of the Code of Ordinances of the City of Deltona. The sections of this Ordinance may be renumbered or relettered to accomplish such intention.

**Section 9.** Effective Date. This Ordinance shall take effect ninety (90) days after its final adoption by the City Commission.

**PASSED AND ADOPTED BY THE CITY COMMISSION OF THE CITY OF  
DELTONA, FLORIDA THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 2017.**

First Reading: \_\_\_\_\_

Advertised: \_\_\_\_\_

Second Reading: \_\_\_\_\_

BY: \_\_\_\_\_  
JOHN C. MASIARCZYK, SR., Mayor

ATTEST:

\_\_\_\_\_  
JOYCE RAFTERY, City Clerk

Approved as to form and legality for use  
and reliance of the City of Deltona, Florida

\_\_\_\_\_  
GRETCHEN R. H. VOSE, City Attorney

Land Use	Impact Fee Unit	Fire/Rescue	Law Enforcement	Park & Recreation	Transportation (Ord #28-2016)	Transportation (Burton)
<b>Single Family Use (Residential)</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>			
	DU	\$214.49	\$116.30	\$1,539.90	\$1,044.00	\$1,924.00
	DU			\$1,556.21	Varies by SF	
<b>Multi-Family Use (Residential)</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>			
	DU			\$830.50	\$888.00	\$888.00
Condo/Townhouse	DU	\$242.17	\$131.30	\$1,760.21	\$801.00	
Apartment	DU	\$116.24	\$63.03	\$839.30	\$774.00	
Mobile Home	DU	\$188.20	\$102.04	\$1,363.87	\$435.00	
<b>Hotel/Motel</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		Varies by SF	
	Room	\$88.56	\$48.02		\$1,029.00	\$1,029.00
Nursing Home/ACLF	Bed	\$132.84	\$72.03		\$123.00	
<b>Office</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$1,638.00</b>	<b>\$7,764.00</b>
10,000 SF or less	1,000 SF	\$333.50	\$180.82		Varies by SF	
Greater than 10,000 SF	1,000 SF	\$196.50	\$106.54		Varies by SF	
<b>Hospital/Medical Office/Clinic/ALF</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$1,530.00</b>	<b>\$4,393.00</b>
Hospital	1,000 SF	\$228.33	\$123.80		\$1,530.00	
Medical Office/Clinic	1,000 SF	239.40	\$129.80		\$3,515.00	
<b>Automobile Station (Types A &amp; C Gas Station/Convenience Store)</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$6,968.00</b>	<b>\$23,805.00</b>
Convenience Store	1,000 SF	\$586.73	\$318.13		\$3,980.00	
Convenience Store w/ Gas Pumps	1,000 SF	\$867.64	\$470.44		\$6,968.00	
Convenience/Gas/Fast Food	1,000 SF	\$989.42	\$536.46		\$18,338.00	
Gas Station w/ Conv Market	1,000 SF	\$157.75	\$85.53		\$2,075.00	
<b>Automobile Station (Type B Auto Care/Repair Center)</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$1,960.00</b>	<b>\$4,206.00</b>
Quick Lube	Bay	\$160.52	\$87.03		\$1,269.00	
Auto Parts Sales	1,000 SF	\$258.77	\$140.31		\$2,075.00	
Auto Repair/Body Shop	1,000 SF	\$441.43	\$239.35		\$1,960	
Tire Store	1,000 SF	\$478.79	\$259.60		\$1,311.00	
<b>Retail</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$2,075.00</b>	<b>\$5,803.00</b>
Less than 10,000 GSF	1,000 SF	\$606.10	\$328.63		Varies by SF	
10,000 GSF to 99,999 GSF	1,000 SF	\$401.30	\$217.59		Varies by SF	
100,000 GSF to 1,000,000 GSF	1,000 SF	\$250.47	\$135.80		Varies by SF	
Greater than 1,000,000 GSF	1,000 SF	\$254.62	\$138.06		Varies by SF	

Land Use	Impact Fee Unit	Fire/Rescue	Law Enforcement	Park & Recreation	Transportation (Ord #28-2016)	Transportation (Burton)
<i>Pharmacy/Rx Store w/ Drive-thru</i>	1,000 SF	\$260.15	\$141.06		\$1,420.00	
<i>Home Improvement Superstore</i>	1,000 SF	\$246.32	\$133.35		\$1,419.00	
<i>Supermarket</i>	1,000 SF	\$280.91	\$152.31		\$2,633.00	
<i>New &amp; Used Car Sales</i>	1,000 SF	\$239.40	\$129.80		\$2,644.00	
<i>Furniture Store</i>	1,000 SF	\$44.28	\$24.01		\$373.00	
<i>CBD Sandwich Shop</i>	1,000 SF	N/A	N/A		\$582.00	
<b>Restaurant (Type A Sit-Down)/Bars</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$4,826.00</b>	\$10,116.00
<i>Quality</i>	1,000 SF	\$936.83	\$507.95		\$4,826.00	
<i>High-Turnover</i>	1,000 SF	\$981.11	\$531.96		\$5,587.00	
<b>Restaurant (Type B Drive-thru)</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$14,461.00</b>	\$24,753.00
<i>Fast Food w/ Drive-thru</i>	1,000 SF	\$1,210.83	\$656.51		\$14,461.00	
<b>Banks/Financial Institutions</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$7,005.00</b>	\$22,779.00
<i>With Savings/Walk-ins</i>	1,000 SF	\$296.13	\$160.56		\$3,878.00	
<i>With Savings/Drive-thru</i>	1,000 SF	\$239.40	\$129.80		\$7,005.00	
<b>Movie Theater</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		N/A	\$7,311.00
<i>Movie Theater</i>	<b>Screen</b>	\$1,190.07	\$645.26		<b>\$4,621.00</b>	
<b>Industrial/Utilities</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$1,308.00</b>	\$1,308.00
<i>Light Industrial/Industrial Park</i>	1,000 SF	\$95.48	\$51.77		\$721.00	
<i>Business Park</i>	1,000 SF	\$138.38	\$75.03		N/A	
<i>Manufacturing</i>	1,000 SF	\$69.19	\$37.52		\$403.00	
<b>Storage/Warehouse/Flex Space</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$449.00</b>	\$449.00
<i>Warehouse</i>	1,000 SF	\$53.97	\$29.26		\$517.00	
<i>Mini-Warehouse</i>	1,000 SF	\$9.69	\$5.25		\$157.00	
<b>Recreation/Fitness Center (Private)</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$2,075.00</b>	\$9,266.00
<i>City Park</i>	Acre	\$11.25	\$11.25		\$89.00	
<i>County Park</i>	Acre	\$27.68	\$15.01		\$238.00	
<i>RV Park</i>	Site	\$89.95	\$48.77		N/A	
<i>Major Sports Facility (Arena)</i>	Acre	\$593.65	\$321.88		\$3,368.00	
<i>Racquet Club/Health Club</i>	1,000 SF	\$427.59	\$231.84		<i>Varies by SF</i>	
<b>Civic/Institutional/Church</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$698.00</b>	\$4,246.00
<i>Church</i>	1,000 SF	\$78.88	\$42.77		\$698.00	
<b>Daycare</b>	<b>1,000 SF</b>	<b>\$123.00</b>	<b>\$63.00</b>		<b>\$2,416.00</b>	\$23,741.00
<i>Daycare Center</i>	1,000 SF	\$130.08	\$70.53		\$2,416.00	

Notes:

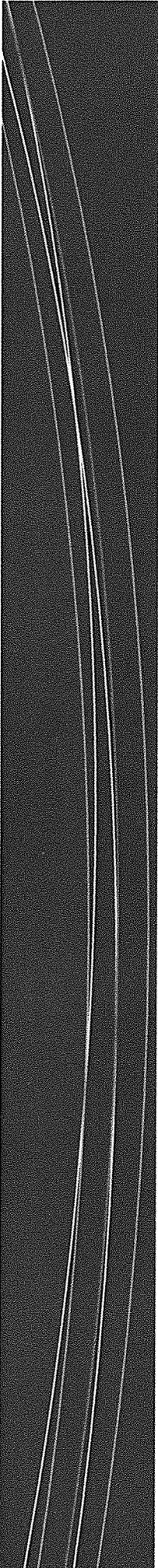
1. *Existing City impact fees and land uses provided in italics.*
2. *Proposed impact fees and units are listed in bold.*
3. *Land uses provided by Burton and defined in City Land Development Code.*
4. *Land uses reflect existing City land use pattern.*
5. *Burton land uses simplifies list and provides common unit of measurement.*
6. *For transportation fees, if not Burton fee, City adopted fee used that is based on land use pattern.*
7. *Park & Recreation fees only assessed for residential land uses.*
8. *Where "Varies by SF" listed, refer to adopted City fee schedule.*

**CITY OF DELTONA  
IMPACT FEE SCHEDULE**

Land Use	Impact Unit	RESOLUTION NO. 2006-47			RESOLUTION NO. 2014-32	
		Fire Rescue Impact Fee	Law Enforcement Impact Fee	Park Impact Fee	Transportation Impact Fee	
<b>RESIDENTIAL</b>						
Single Family	dwelling	\$214.49	\$116.30	\$1,556.21	0 to 1,500 sf	\$761.00
					1,501 to 2,499 sf	\$1,044.00
					2,500 sf and greater	\$1,179.00
Residential Condo/Townhouse	dwelling	\$242.17	\$131.30	\$1,760.21	\$801.00	
Multi Family/Apartment	dwelling	\$116.24	\$63.03	\$839.30	\$774.00	
Mobile Home	dwelling	\$188.20	\$102.04	\$1,363.87	\$435.00	
<b>TRANSIENT, ASSISTED, GROUP</b>						
Hotel/Motel	room	\$88.56	\$48.02	---	Hotel \$752.00	Motel \$409.00
Nursing Home/ACLF	bed	\$132.84	\$72.03	---	\$123.00	
<b>RECREATIONAL</b>						
General Recreation/City Park	acre	\$20.76	\$11.25	---	\$89.00	
General Recreation/County Park	acre	\$27.68	\$15.01	---	\$238.00	
RV Park	site	\$89.95	\$48.77	---		
Major Sports Facility (Arena)	acre	\$593.65	\$321.88	---	\$3,368.00	
Movie Theater with Matinee	screen	\$1,190.07	\$645.26	---	\$4,621.00	
Racquet Club/Health Club/Spa/Dance Studio	1,000 sf	\$427.59	\$231.84	---	under 50,000 GSF	\$2,075.00
					50,001 - 200,000 GSF	\$2,147.00
					200,001 - 400,000 GSF	\$1,860.00
					401,000 - 600,000 GSF	\$1,772.00
					600,001 - 800,000 GSF	\$1,669.00
					greater than 800,000 GSF	\$1,829.00
<b>INSTITUTIONS</b>						
Hospital	1,000 sf	\$228.33	\$123.80	---	\$1,530.00	
Day Care Center	1,000 sf	\$130.08	\$70.53	---	\$2,416.00	
Church	1,000 sf	\$78.88	\$42.77	---	\$698.00	

Land Use	Impact Unit	RESOLUTION NO. 2006-47			RESOLUTION NO. 2014-32
		Fire Rescue Impact Fee	Law Enforcement Impact Fee	Park Impact Fee	Transportation Impact Fee
<b>OFFICE</b>					
Office 10,000 SF or less	1,000 sf	\$333.50	\$180.82	---	50,000 sf or less \$1,638.00 50,001 - 100,000 sf \$1,493.00
Office greater than 10,000 SF	1,000 sf	\$196.50	\$106.54	---	100,001 - 200,000 sf \$1,268.00 200,001 - 400,000 sf \$1,079.00 greater than 400,000 sf \$919.00
Corporate Headquarters Building	1,000 sf			---	\$847.00
Medical Office/ Clinic	1,000 sf	\$239.40	\$129.80	---	Medical Office \$3,515.00
<b>RETAIL, Gross Square Feet</b>					
Retail less than 10,000 GSF	1,000 sf	\$606.10	\$328.63	---	under 50,000 GSF \$2,075.00 50,001 - 200,000 GSF \$2,147.00
Retail 10,000 GSF to 99,999 GSF	1,000 sf	\$401.30	\$217.59	---	200,001 - 400,000 GSF \$1,860.00 401,000 - 600,000 GSF \$1,772.00
Retail 100,000 GSF to 1,000,000 GSF	1,000 sf	\$250.47	\$135.80	---	600,001 - 800,000 GSF \$1,669.00 greater than 800,000 GSF \$1,829.00
Retail over 1,000,000 GSF	1,000 sf	\$254.62	\$138.06	---	
Pharmacy/Drug Store w/Drive-Thru	1,000 sf	\$260.15	\$141.06	---	\$1,420.00
Home Improvement Superstore	1,000 sf	\$246.32	\$133.55	---	\$1,419.00
Quality Restaurant	1,000 sf	\$936.83	\$507.95	---	\$4,826.00
High-Turnover Restaurant	1,000 sf	\$981.11	\$531.96	---	\$5,587.00
Fast Food Rest w/Drive-Thru	1,000 sf	\$1,210.83	\$656.51	---	\$14,461.00
Quick Lube	bay	\$160.52	\$87.03	---	\$1,269.00
Automobile Parts Sales	1,000 sf	\$258.77	\$140.31	---	\$2,075.00
Supermarket	1,000 sf	\$280.91	\$152.31	---	\$2,633.00
Convenience Store	1,000 sf	\$586.73	\$318.13	---	\$3,980.00
Convenience Store w/Gas Pumps	1,000 sf	\$867.64	\$470.44	---	\$6,968.00
Convenience/Gas/Fast Food	1,000 sf	\$989.42	\$536.46	---	\$18,338.00
Auto Repair or body Shop	1,000 sf	\$441.43	\$239.35	---	\$1,960.00
Gas Station w/Convenience Market	fuel position	\$157.75	\$85.53	---	\$2,075.00
Tire Store	1,000 sf	\$478.79	\$259.60	---	bays \$1,311.00
New and Used Car Sales	1,000 sf	\$239.40	\$129.80	---	\$2,644.00
Furniture Store	1,000 sf	\$44.28	\$24.01	---	\$373.00
CBD Sandwich Shop	1,000 sf.			---	\$582.00

Land Use	Impact Unit	RESOLUTION NO. 2006-47			RESOLUTION NO. 2014-32
		Fire Rescue Impact Fee	Law Enforcement Impact Fee	Park Impact Fee	Transportation Impact Fee
Bank/Savings Walk-in	1,000 sf	\$296.13	\$160.56	---	\$3,878.00
Bank/Savings Drive-in	1,000 sf	\$239.40	\$129.80	---	\$7,005.00
<b>INDUSTRIAL</b>					
General Light Industrial/ Industrial Park	1,000 sf	\$95.48	\$51.77	---	\$721.00
Business Park	1,000 sf	\$138.38	\$75.03	---	based on building use
Manufacturing	1,000 sf	\$69.19	\$37.52	---	\$403.00
Warehouse	1,000 sf	\$53.97	\$29.26	---	\$517.00
Mini-Warehouse	1,000 sf	\$9.69	\$5.25	---	\$157.00



# City of Deltona, FL

## FY 2015 Impact Fee Study

Law Enforcement

Fire/Rescue

Parks and Recreation

Transportation

# Final Report

September 30, 2015

Prepared by:

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**BURTON & ASSOCIATES**

UTILITY RATES ■ ASSESSMENTS ■ FINANCIAL PLANNING

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## SECTION 1. INTRODUCTION

Burton & Associates has completed an impact fee Study (Study) for the City of Deltona (City). This report presents the comprehensive results of the Study, including background information, legal requirements, an explanation of the calculation methodology employed, results of the analysis, as well as a comparative impact fee survey.

### 1.1 BACKGROUND

Impact fees are assessed against new development in an attempt to cover the cost of providing capital facilities (infrastructure) needed to serve new development. Such charges are the mechanism by which new growth can “pay its own way” and minimize the extent to which existing residents must bear the cost of new or expanded facilities, which are necessitated by new residents. Impact fees are capital cost recovery fees and are commonly referred to as impact fees, capacity fees, and development fees. For the purposes of this report, the use of the terms impact fees, capacity fees, development fees, or connection charges is interchangeable with impact fees.

The City currently charges impact fees for Law Enforcement, Fire/Rescue, Parks & Recreation, and Transportation. These impact fees were designed in 2005 by Tindale-Oliver & Associates, Inc. It should be noted that the City also charges impact fees for the Water and Sewer utility systems; however, this study is only for Law Enforcement, Fire/Rescue, Parks & Recreation and Transportation impact fees. As an industry best practice, the impact fee cost basis should be updated once every 5 years. The City, recognizing that the current fees are due for an update, engaged Burton & Associates to do so.

### 1.2 LEGAL REQUIREMENTS

Many of the legal precedents and requirements for impact fees in Florida date back to a Florida Supreme Court decision in the case of the Contractors and Builders Association

of Pinellas County versus the City of Dunedin, Florida. This case identified certain conditions to support a valid impact fee that were ultimately embodied in statutory guidelines enacted by the Growth Management Legislation passed in 1985. These legal standards require that impact fees must 1) bear a reasonable relationship to the benefit received by those who pay it, 2) must not exceed the proportional share of the cost of new facilities or services needed to serve new development and must include credits for contributions the development will make toward deferring that cost, and 3) must be earmarked and expended in such a way as to ensure that those paying the fee receive benefit from that payment.

Also, in 2006 Florida Legislature passed Senate Bill 1194 that created Section 163.31801, Florida Statutes, which has also come to be known as the “Florida Impact Fee Act”. This legislation outlined additional requirements regarding the calculation and accounting of impact fees. Most notably, this legislation requires 1) that the calculation of impact fees be based upon the most recent, localized data, 2) separate reporting/accounting of impact fee revenue and expenditures in a distinct fund, 3) that the administrative charges collected in impact fees be based upon actual costs, and 4) that 90 days’ notice be given prior to the effective date of an ordinance imposing or amending an impact fee.

In summary, the courts and subsequent legislation have addressed three areas associated with the development of impact fees. These areas include: 1) “fair share” allocation rules dealing with payment of impact fees by the affected property owners, 2) “rational nexus” standards, which focus on the expenditure or purpose of impact fees, and 3) “credit” allowances, which recognize offsets in the calculation of impact fees.

The “fair share” allocation rules require that an impact fee only be used for capital expenditures that are attributable to new growth. Additionally the “fair share” allocation rules recognize that the cost of facilities used by both existing customers and new development must be apportioned between the two user groups, such that the user groups are treated equally and one group does not subsidize the other.

The “rational nexus” standards require that there is a reasonable relationship between the need for capital facilities and the benefits received by new customers for which the impact fee will be expended.

There are two conditions that limit where and when impact fees can be collected and used. With respect to the first condition, although there is no specific limit as to distance between an applicant paying the impact fee and the capital expenditure to be constructed by the fee, there should be a general geographical relationship between fee collection and use. The second nexus condition recognizes that the property must receive a benefit from the service for which the impact fee is being applied. With respect to the impact fees considered in this study the facilities and equipment included are used by and constructed or purchased on behalf of all properties within the City service area, and they benefit both residential and commercial customers. Consequently, all new growth requesting capacity from the City will be subject to these impact fees.

The “credit” allowance requirements recognize that if a public agency has received property in the form of cost-free capital or if there is another revenue source that will be used for the capital expenditures necessitated by new growth, a credit should be included within the determination of the impact fees. Specifically, “credits” should be reflected as part of calculating impact fees to recognize any grants, contributions by developers, assessments, and other sources that provide funds for the same capital expenditures included in the basis of impact fees to avoid a double-recovery of costs.

### **1.3 OBJECTIVES**

The objectives of the Study were to determine the full cost recovery impact fees for the following:

- Law Enforcement
- Fire/Rescue
- Parks & Recreation
- Transportation

Additionally, the study intends to provide a comparison of these results to the City's current impact fees, and the charges of neighboring and other generally comparable municipalities.

#### **1.4 GENERAL METHODOLOGY**

Determining impact fees for general government services is a level of service (LOS) based process. For services for which LOS standards have not been adopted, such as Law Enforcement and Fire/Rescue, the observed LOS is used as the bases for the capital costs needed to serve new growth while maintaining the current observed LOS. For services for which LOS standards have been adopted, such as Parks & Recreation and Transportation, those adopted LOS standards are used as the bases for the capital costs needed to serve new growth while maintaining the adopted LOS. In both cases the objective is to determine the costs of facilities and capital equipment necessary to serve new growth. If impact fees are not assessed, either 1) the facilities and capital equipment to serve new growth will not be constructed or acquired and the level of service provided to current properties will degrade as growth occurs, or 2) the facilities and equipment to serve new growth will be constructed or acquired but will be funded by current properties for the benefit of new growth.

## SECTION 2. LAW ENFORCEMENT IMPACT FEES

This section describes the calculation of the Law Enforcement (Police) impact fees for the City. The City provides police services to all residents and businesses within the corporate limits of the City via contract with the Volusia County Sheriff's Office. Therefore, the costs eligible for inclusion in a Law Enforcement impact fee are only those capital costs incurred by the City which are necessary to provide the observed levels of service to new growth and will be recovered from all new residential and commercial growth within the City.

### 2.1 COST BASIS

While the City contracts police services through the County, the City has made investments in capital assets to enable the Sheriff's office to function as City police force. These assets consist of the current Sheriff's office within the City limits, as well as the City's investment in the future public safety facility. City staff has provided specific costs for the land purchase and construction of each facility used to support law enforcement within City limits. The 2015 replacement costs of these facilities are presented in the table below and that the land cost is presented at original cost:

**Deltona - Law Enforcement Impact Fee  
Existing Cost Basis**

**Existing Assets Costs**

Land Cost - Sherriff's Office	\$ 54,000
Building Cost - Sherriff's Office	\$ 189,000
Land Cost - Public Safety Facility	\$ 5,368,000
Pad Cost - Public Safety Facility	\$ 200,000
<b>Total Existing Asset Costs</b>	<b>\$ 5,811,000</b>

## **2.2 RESULTS**

### **2.2.1 Impact Fee Calculation**

To determine the impact fee amounts, the total costs identified above are divided amongst the total developed square footage in the City to determine the cost per square foot to provide the current observed level of service. Developed square footage is defined as the size or square footage of all structures and buildings developed on properties within the City. The developed square footage does not include the size of land or any vacant acreage within the City. The total existing square footage within the City was obtained using data from the Volusia County Property Appraiser. A subsequent 10% credit was then applied to the cost per square foot in the calculation of the impact fee amount to avoid double recovery of grants and other funding sources such as ad valorem taxes or other taxes/fees. In addition, a 3% reduction for allowance of estimation and contingency was included in the fee calculation. The table below presents the Law Enforcement impact fee calculation.

**FY 2015 IMPACT FEE STUDY**  
**LAW ENFORCEMENT IMPACT FEES**

**Deltona - Law Enforcement Impact Fee**  
**Impact Fee Calculation**

<u>Existing Developed Sq Ft <sup>(1)</sup></u>			
	Residential	74,963,674	
	Non-Residential	5,824,870	
	<b>Total Existing Developed Sq Ft</b>	<b>80,788,544</b>	
Total Costs of Existing Assets: \$ 5,811,000			
Existing Asset Cost per Sq Ft \$ 0.072			
	Less: Credit for Grant and Other Funding	\$ (0.007)	10%
	Less: Allowance for Estimation/Contingency	\$ (0.002)	3%
	Impact Fee per Sq Ft	\$ 0.063	
	Impact Fee per 1,000 Sq Ft	\$ 63.00	
Average Sq Ft per Single Family Home: 2,286			
Average SF Home Rounded to nearest 1,000 Sq Ft 2,000			
	Calculated Fee for Average Single Family Home	<b>\$ 126.00</b>	
	Existing Fee for Average Single Family Home	\$ 116.30	
	\$ Change	\$ 9.70	
	% Change		8% Increase

*(1) - Developed Square Footage obtained from the Volusia County Property Appraiser*

While the calculated impact fees are presented on a square footage basis, for implementation purposes the City has requested the fees be presented on a per 1,000 square foot basis. As such the proposed fee schedule is presented below by land use category.

**Proposed Law Enforcement Impact Fee Schedule**

	Impact Fee Unit	Impact Fee
<b>Residential</b>		
Single Family Residential	1,000 Square Feet	\$63.00
Multi Family	1,000 Square Feet	\$63.00
Hotel/Motel	1,000 Square Feet	\$63.00
Office	1,000 Square Feet	\$63.00
Hospital/Nursing Home/Clinic	1,000 Square Feet	\$63.00
Gas Stations/Convenience Stores	1,000 Square Feet	\$63.00
General Retail	1,000 Square Feet	\$63.00
Sit-Down Restaurants/Bars	1,000 Square Feet	\$63.00
Fast Food/Cafes - No Drive Thru	1,000 Square Feet	\$63.00
Fast Food/Cafes - With Drive Thru	1,000 Square Feet	\$63.00
Banks	1,000 Square Feet	\$63.00
Movie Theaters	1,000 Square Feet	\$63.00
Auto Care	1,000 Square Feet	\$63.00
Industrial/Utilities	1,000 Square Feet	\$63.00
Warehousing	1,000 Square Feet	\$63.00
Indoor Recreation/Sports/Fitness	1,000 Square Feet	\$63.00
Outdoor Recreation/Sports/Fitness	1,000 Square Feet	\$63.00
Civic/Institutional	1,000 Square Feet	\$63.00
Daycare	1,000 Square Feet	\$63.00

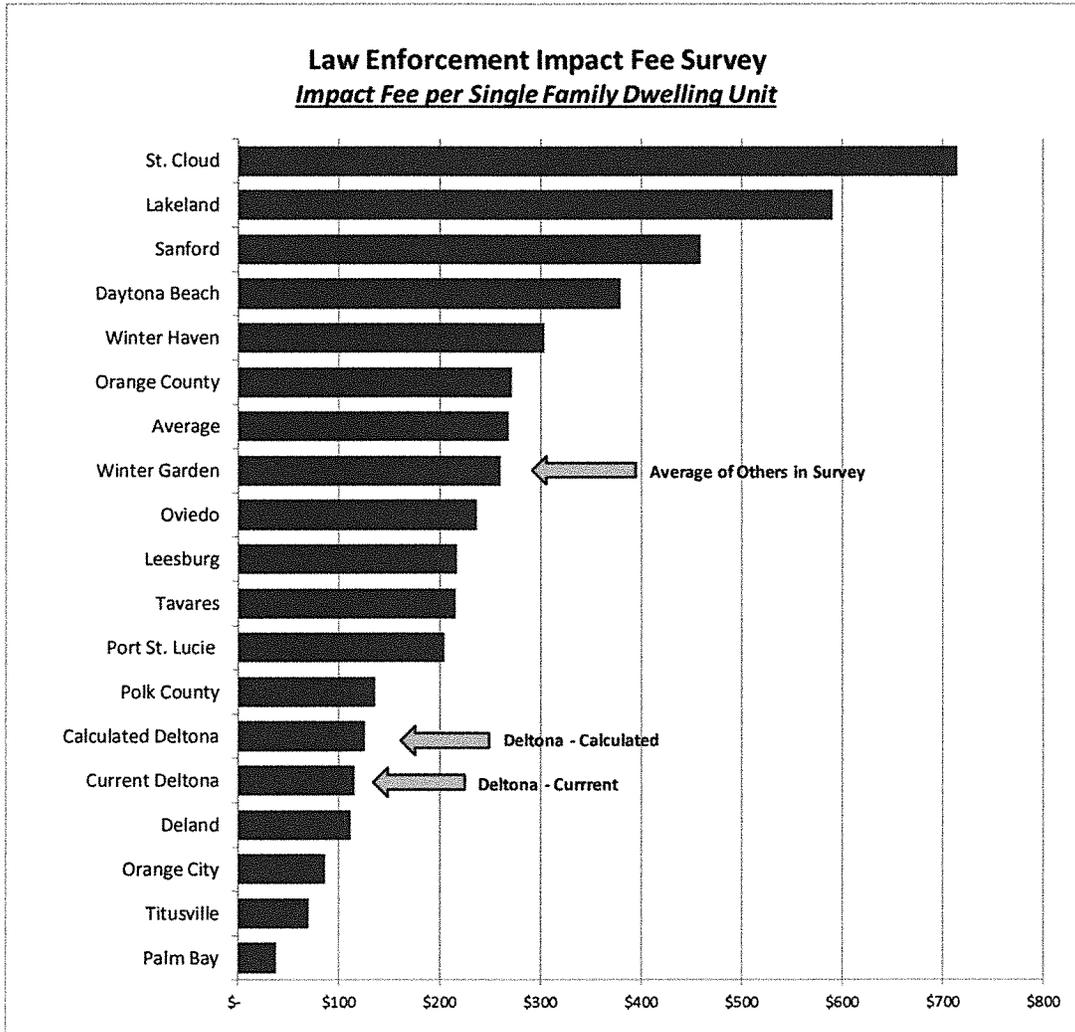
**It is important to note that the City has discretion regarding the percentage of cost recovery utilized in the establishment of impact fees. The impact fees can recover any amount up to, but not in excess of, the full cost recovery amounts identified herein. Adoption of impact fees at full cost recovery would lessen the pressure on taxes and other general fund revenues used to fund law enforcement facilities and equipment, thus reducing the need for funding of those facilities and equipment with general fund revenues. However, the City has discretion to adopt any amount up to 100% of the amounts identified herein.**

**2.2.2 Law Enforcement Impact Fee Survey**

In order to provide additional information to the City regarding the calculated Law Enforcement impact fees, a comparison of the fees for the City to those of neighboring and other generally comparable municipalities was prepared. These comparisons are

**FY 2015 IMPACT FEE STUDY**  
**LAW ENFORCEMENT IMPACT FEES**

presented in the table below and provide a comparison of the City's calculated Law Enforcement impact fees for a typical single-family residential home to the fees currently imposed by neighboring municipalities.



It is important to note that the reader must view the comparison with caution, as no in depth analysis has been performed to identify the methods used in the development of the impact fees imposed by the other municipalities, nor has any analysis been performed to determine whether the fees of other jurisdictions represent 100% cost recovery impact fees.

## **2.3 CONCLUSIONS AND RECOMMENDATIONS**

The fundamental conclusions and recommendations of the Law Enforcement impact fee calculation are as follows:

- The City should adopt the calculated Law Enforcement impact fee of \$63.00 per 1,000 developed square feet
- We recommend the City adopt the Law Enforcement impact fee at the 100% cost recovery level identified herein to maximize the recovery of expansion-related capital costs from new development while minimizing the burden of funding these capital costs to existing properties.

### **SECTION 3. FIRE/RESCUE IMPACT FEES**

This section describes the calculation of the Fire/Rescue impact fees for the City. The City provides Fire/Rescue services to all residents and businesses within the corporate limits of the City. Therefore, the costs eligible for inclusion in a Fire/Rescue impact fee are only those capital costs incurred by the City which are necessary to provide the observed levels of service to new growth and will be recovered from all new residential and commercial growth within the City.

#### **3.1 COST BASIS**

The City currently maintains five Fire/Rescue stations throughout the City limits. The cost basis for the impact fee calculated herein includes the total land costs of these facilities as provided by the Volusia County Property Appraiser and the estimated construction cost escalated to 2015 replacement cost per facility, as provided by City staff. In addition, the City has provided a full inventory of equipment and vehicle assets with replacement costs of each asset. These equipment and vehicle costs are included in the fee cost basis at their 2015 replacement cost. Lastly, the City has purchased a parcel of land for a future fire station, so the costs for this land have been included in the cost basis for the impact fee calculation at its original cost. These costs are presented in the table below:

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**Existing Cost Basis**

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**Existing Assets Costs**

Total Land Cost of Existing Fire Stations	\$ 712,000
Total Building Cost of Existing Fire Stations <sup>(1)</sup>	\$ 7,600,000
Total Existing Vehicle Replacement Cost	\$ 1,279,000
Total Existing Equipment Replacement Cost	\$ 1,083,000
Land Purchase Cost for new Fire Station	\$ 769,000
<b>Total Existing Asset Costs</b>	<b>\$ 11,443,000</b>

*(1) Building Cost based upon data provided by City staff. Estimated station cost of \$1,520,000, with 5 stations (\$1,520,000 x 5 = \$7,600,000)*

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## 3.2 RESULTS

### 3.2.1 Impact Fee Calculation

To determine the impact fee amounts, the total costs identified above are divided amongst the total developed square footage in the City to determine the cost per square foot to provide the current observed level of service. Developed square footage is defined as the size or square footage of all structures and buildings developed on properties within the City. The developed square footage does not include the size of land or any vacant acreage within the City. The total existing square footage within the City was obtained using data from the Volusia County Property Appraiser. A subsequent 10% credit was then applied to the cost per square foot in the calculation of the impact fee amount to avoid double recovery of grants and other funding sources such as ad valorem taxes or other taxes/fees. In addition, a 3% reduction for allowance of estimation and contingency was included in the fee calculation. The table below presents the Fire/Rescue impact fee calculation.

**FY 2015 IMPACT FEE STUDY**  
**FIRE/RESCUE IMPACT FEES**

**Deltona - Fire/Rescue Impact Fee**  
**Impact Fee Calculation**

<u>Existing Developed Sq Ft <sup>(1)</sup></u>		
Residential	74,963,674	
Non-Residential	5,824,870	
<b>Total Existing Developed Sq Ft</b>	<b>80,788,544</b>	
Total Costs of Existing Assets: \$ 11,411,000		
Existing Asset Cost per Sq Ft	\$ 0.141	
Less: Credit for Grant and Other Funding	\$ (0.014)	10%
Less: Allowance for Estimation/Contingency	\$ (0.004)	3%
Impact Fee per Sq Ft	\$ 0.123	
Impact Fee per 1,000 Sq Ft	\$ 123.00	
Average Sq Ft per Single Family Home:	2,286	
Average SF Home Rounded to nearest 1,000 Sq Ft	2,000	
Calculated Fee for Average Single Family Home	\$ 246.00	
Existing Fee for Average Single Family Home	\$ 214.49	
\$ Change	\$ 31.51	
% Change	15% Increase	

*(1) - Developed Square Footage obtained from the Volusia County Property Appraiser*

While the calculated impact fees are presented on a square footage basis, for implementation purposes the City has requested the fees be presented on a per 1,000 square foot basis. As such the proposed fee schedule is presented below by land use category.

**Proposed Fire/Rescue Impact Fee Schedule**

	Impact Fee Unit	Impact Fee
<b>Residential</b>		
Single Family Residential	1,000 Square Feet	\$123.00
Multi Family	1,000 Square Feet	\$123.00
Hotel/Motel	1,000 Square Feet	\$123.00
Office	1,000 Square Feet	\$123.00
Hospital/Nursing Home/Clinic	1,000 Square Feet	\$123.00
Gas Stations/Convenience Stores	1,000 Square Feet	\$123.00
General Retail	1,000 Square Feet	\$123.00
Sit-Down Restaurants/Bars	1,000 Square Feet	\$123.00
Fast Food/Cafes - No Drive Thru	1,000 Square Feet	\$123.00
Fast Food/Cafes - With Drive Thru	1,000 Square Feet	\$123.00
Banks	1,000 Square Feet	\$123.00
Movie Theaters	1,000 Square Feet	\$123.00
Auto Care	1,000 Square Feet	\$123.00
Industrial/Utilities	1,000 Square Feet	\$123.00
Warehousing	1,000 Square Feet	\$123.00
Indoor Recreation/Sports/Fitness	1,000 Square Feet	\$123.00
Outdoor Recreation/Sports/Fitness	1,000 Square Feet	\$123.00
Civic/Institutional	1,000 Square Feet	\$123.00
Daycare	1,000 Square Feet	\$123.00

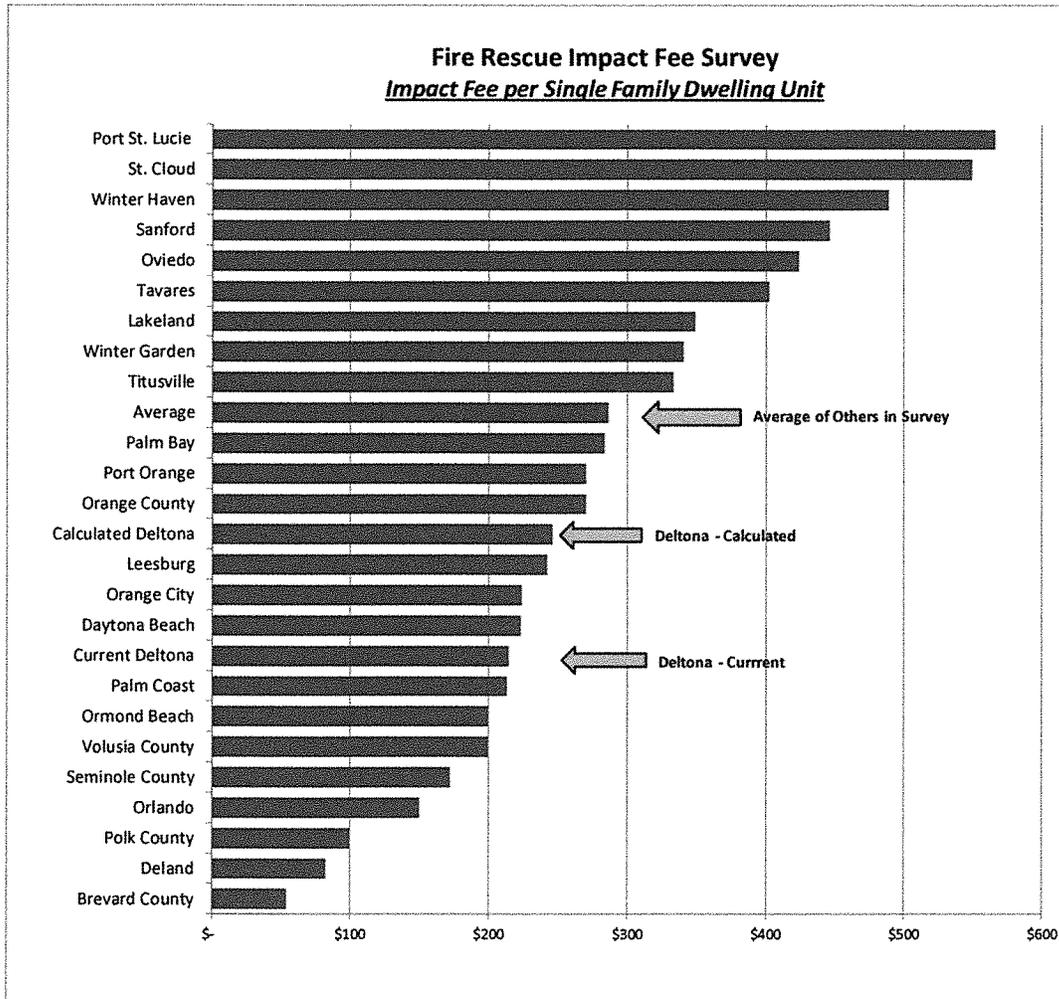
**It is important to note that the City has discretion regarding the percentage of cost recovery utilized in the establishment of impact fees. The impact fees can recover any amount up to but not in excess of the full cost recovery amounts identified herein. Adoption of impact fees at full cost recovery would lessen the pressure on taxes and other general fund revenues used to fund fire/rescue facilities and equipment, thus reducing the need for funding of those facilities and equipment with general fund revenues. However, the City has discretion to adopt any amount up to 100% of the amounts identified herein.**

**3.2.2 Fire/Rescue Impact fee Survey**

In order to provide additional information to the City regarding the calculated Fire/Rescue impact fees, a comparison of the fees for the City to those of neighboring and other generally comparable municipalities was prepared. These comparisons are

**FY 2015 IMPACT FEE STUDY**  
**FIRE/RESCUE IMPACT FEES**

presented in the table below and provide a comparison of the City's calculated Fire/Rescue impact fees for a typical single-family residential home to the fees currently imposed by neighboring municipalities.



It is important to note that the reader must view the comparison with caution as no in depth analysis has been performed to identify the methods used in the development of the impact fees imposed by the other municipalities, nor has any analysis been performed to determine whether the fees of other jurisdictions represent 100% cost recovery impact fees.

### 3.3 CONCLUSIONS AND RECOMMENDATIONS

The fundamental conclusions and recommendations of the Fire/Rescue impact fee calculation are as follows:

- The calculated Fire/Rescue Impact Fee of \$123.00 per 1,000 developed square feet, when applied to the typical single family home, results in an impact fee that is just below the average in the survey above.
- The City should adopt the calculated Fire/Rescue impact fee of \$123.00 per 1,000 developed square feet to recover the cost of Fire/Rescue assets required to serve new development.
- We recommend the City adopt the Fire/Rescue impact fee at the 100% cost recovery levels identified herein to maximize the recovery of expansion-related capital costs from new customers while minimizing the burden of these capital costs to existing properties.

## **SECTION 4. PARKS AND RECREATION IMPACT FEES**

This section describes the calculation of the Parks & Recreation impact fee for the City. Impact fees must be properly allocated to property classes that benefit from the assets being funded by the impact fees. In the case of Parks & Recreation, the property class that primarily benefits from the assets funded by the impact fees is the residential class because Parks & Recreation facilities are primarily used by residents. Therefore, all costs associated with the Parks & Recreation impact fees are allocated 100% to the residential class. The costs eligible for inclusion in a Parks & Recreation impact fee are determined as those costs necessary to provide the adopted levels of service to new growth and will be recovered from all new residential growth within the City.

### **4.1 COST BASIS & LEVEL OF SERVICE STANDARDS**

The need for new Parks & Recreation assets is driven by acres of park space and the need for acres of park space is driven by population growth relative to the current number of acres per 1,000 population. Our analysis shows that the City is essentially achieving its adopted level of service (LOS) of 3.0 acres per 1,000 population, therefore, in order to maintain the adopted LOS, as growth occurs, additional acres of park space must be added and the additional equipment and facilities necessary to convert the land to usable park space must be purchased. If such an approach is not adopted, additional growth will degrade the LOS provided, as the number of existing park and recreation facilities per 1,000 population decreases with additional population.

In order to develop Parks & Recreation impact fees for the City we first reviewed the existing LOS standards with City staff. We also determined the relationship between the need for additional equipment and facilities and number of park acres. For example, for each new park acre added to meet the demands of growth, additional buildings and equipment sets will be needed to make the park land usable for the population. The table below presents the City's existing park inventory, including acreage and land value per park. In addition, City staff has provided a full asset inventory including the 2015

**FY 2015 IMPACT FEE STUDY**  
**PARKS & RECREATION IMPACT FEES**

replacement cost (new) of all buildings, equipment and improvements for all parks. These land values and facilities and equipment costs are aggregated to determine the existing cost per park acre as presented in the table below.

**City of Deltona Park Inventory**

Park Name	Area (Acres)	Land Value (rounded)
Thornby Park	37.15	\$ 843,000
Manny Rodriguez Park	6.27	\$ 201,000
Lake Gleason Park	1.38	\$ 81,000
Campbell Park	10.10	\$ 428,000
Vann Park	24.40	\$ 338,000
Lombardy Park	3.04	\$ 26,000
Wes Crile Park	13.14	\$ 689,000
Dewey O. Boster Park	102.90	\$ 1,007,000
Keysville Dog Park	14.11	\$ 21,000
Dwight Hawkins Park	12.80	\$ 265,000
Harris Saxon Park	5.47	\$ 784,000
Skate Park	8.00	\$ 172,000
Festival Park	11.60	\$ 172,000
DuPont Lakes Park	7.58	\$ 893,000
	257.94	\$ 5,920,000
<b><u>Existing Assets Costs</u></b>		
Land		\$ 5,920,000
Facilities & Equipment <sup>(1)</sup>		\$ 18,702,000
<b>Total Existing Asset Costs</b>		<b>\$ 24,622,000</b>
<b><u>Existing Asset Costs Per Park Acre</u></b>		
Land		\$ 22,951
Facilities & Equipment		\$ 72,505
<b>Total Existing Asset Costs Per Park Acre</b>		<b>\$ 95,456</b>

*(1) Replacement Cost New of all Facilities & Equipment provided by City Staff*

**FY 2015 IMPACT FEE STUDY**  
**PARKS & RECREATION IMPACT FEES**

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When divided amongst the current City-wide population, the existing park inventory results in an observed LOS of 2.9 Acres per 1,000 residents. The City's Comprehensive Plan contains LOS standards for the current year, as well as projected LOS through 2025.

**Deltona - Parks & Recreation Impact Fee**  
**Level of Service Standards**

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2015 Population:	87,647
2015 Park Acres:	258
Observed LOS	2.9
Existing LOS per Comp Plan (2015)	3.0
Future LOS per Comp Plan (2025)	3.5

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We then used the population projections prepared by the Shimberg Center for Housing Studies, provided by City staff, to determine the number of park acres needed in 10 years to serve population growth. The existing cost of assets per park acre is applied to the total new park acres required to serve the projected population. We calculated two components of the costs for future parks, land and facilities/equipment.

Through discussions with City staff, it was determined that the majority of new park acreage would come from existing City owned land. Staff identified that, of the projected 79 new acres needed to serve the future population, only 10% would need to be purchased to serve the future LOS. However, the City would need to fully invest in all 79 acres to convert the land to active park space, and as such the full cost of facilities and equipment per acre is applied. The table below presents the full calculated cost to purchase 10% of the projected new acres for park space, and to convert the park space to active parks by purchasing facilities and equipment.

**FY 2015 IMPACT FEE STUDY**  
**PARKS & RECREATION IMPACT FEES**

**Deltona - Parks & Recreation Impact Fee**  
**Projected Cost Basis**

2025 Projected Population:		97,696
Future LOS per Comp Plan (2025)		3.5
2015 Required Active Park Acres @ LOS		263
2025 Required Active Park Acres @ LOS		342
Existing Park Land Cost per Acre	\$	22,951
New Land Acres Needed to Serve Future LOS		79
% of Land to be Purchased for Future LOS <sup>(1)</sup>		10%
<u>New Land Acres Purchased Serve Future LOS</u>		<u>7.9</u>
Total Costs for Future Park Land Purchase	\$	181,313
Facilities & Equipment Cost per Acre	\$	72,505
<u>New Facilities &amp; Equipment Acres Needed to Serve Future LOS</u>		<u>79</u>
Total Costs for Future Park Equipment & Facilities Purchase	\$	5,727,895
 <b>Total Costs to Serve Future population at Future LOS</b>	 <b>\$</b>	 <b>5,909,208</b>

(1) - This percentage recognizes that the City currently owns significant acreage that could be converted to active parks. Through discussions with City staff, approximately 10% of future park land would need to be purchased outside of existing inventory.

The costs are then divided into the total projected population<sup>1</sup> and associated housing unit growth by 2025. By using US Census data to determine the residents per household in the City, we projected the 10-year housing unit growth as shown in the table below.

<sup>1</sup> Source: Shimberg Center for Housing Studies

**FY 2015 IMPACT FEE STUDY**  
**PARKS & RECREATION IMPACT FEES**

**Deltona - Parks & Recreation Impact Fee**  
**Projected Population and Housing Unit Growth**

2015 Population:	87,647
2025 Projected Population:	97,696
10-Year Population Growth:	10,049
Residents per Household <sup>(1)</sup> :	3.01
<b>Total 10-Year Household Growth</b>	<b>3,339</b>

*(1): Based upon US Census Data*

## 4.2 RESULTS

### 4.2.1 Impact Fee Amounts

To determine the impact fee amounts, the total costs identified above are divided amongst the total projected housing unit growth to determine the cost per household. A subsequent 10% credit was then included in the calculation to avoid double recovery of grants and other funding sources such as ad valorem taxes or other taxes/fees. In addition, a 3% reduction for allowance of estimation and contingency was included in the fee calculation. The table below presents the Parks & Recreation impact fee calculation.

**Deltona - Parks & Recreation Impact Fee**  
**Parks & Recreation Impact Fee Calculation**

Total 10-Year Household Growth	3,339	
<b>Total Parks Costs for Growth:</b>	<b>\$ 5,909,208</b>	
Calculated Cost per Household	\$ 1,770.00	
Less: Credit for Grant and Other Funding	\$ (177.00)	10%
Less: Allowance for Estimation/Contingency	\$ (53.10)	3%
<b>Impact Fee per Household:</b>	<b>\$ 1,539.90</b>	
Existing Fee per Household:	\$ 1,556.21	
<i>\$ Change</i>	<i>\$ (16.31)</i>	
<i>% Change</i>		<i>-1% decrease</i>

As shown in the table above, the calculated impact fee per household is approximately 1% less than the current Parks & Recreation impact fee per household. This difference is well within the margin of potential variation of results based upon assumptions included

**FY 2015 IMPACT FEE STUDY**  
**PARKS & RECREATION IMPACT FEES**

in the analysis and as such, the calculations confirm that the current Parks & Recreation impact fees are correctly sized to fund the projected capital investment for future population growth.

The impact fees as calculated herein are presented in the table below by land use category.

**Proposed Parks & Recreation Impact Fee Schedule**

	Impact Fee Unit	Impact Fee
<b>Residential</b>		
Single Family Residential	Dwelling Unit	\$1,539.90
Multi Family	Dwelling Unit	\$830.50
Hotel/Motel	N/A	N/A
Office	N/A	N/A
Hospital/Nursing Home/Clinic	N/A	N/A
Gas Stations/Convenience Stores	N/A	N/A
General Retail	N/A	N/A
Sit-Down Restaurants/Bars	N/A	N/A
Fast Food/Cafes - No Drive Thru	N/A	N/A
Fast Food/Cafes - With Drive Thru	N/A	N/A
Banks	N/A	N/A
Movie Theaters	N/A	N/A
Auto Care	N/A	N/A
Industrial/Utilities	N/A	N/A
Warehousing	N/A	N/A
Indoor Recreation/Sports/Fitness	N/A	N/A
Outdoor Recreation/Sports/Fitness	N/A	N/A
Civic/Institutional	N/A	N/A
Daycare	N/A	N/A

Note: Parks & Recreation Impact Fees are not applicable to non-residential properties.

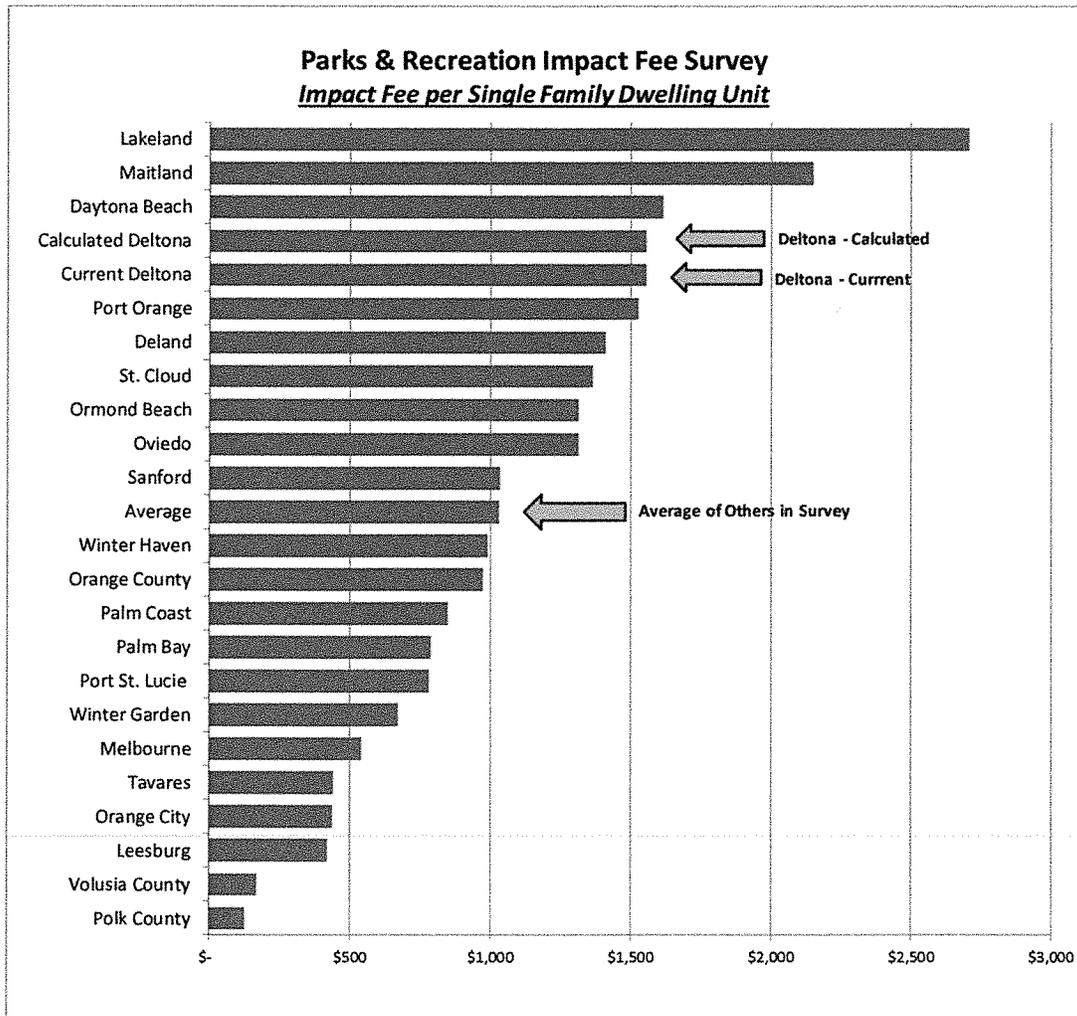
**It is important to note that the City has discretion regarding the percentage of cost recovery utilized in the establishment of impact fees. The impact fees can recover any amount up to but not in excess of the full cost recovery amounts identified herein. Adoption of impact fees at full cost recovery would lessen the pressure on taxes and other general fund revenues used to fund parks and recreation facilities and equipment, thus reducing the need for funding of those facilities and equipment**

**FY 2015 IMPACT FEE STUDY**  
**PARKS & RECREATION IMPACT FEES**

with general fund revenues. However, the City has discretion to adopt any amount up to 100% of the amounts identified herein.

**4.2.2 Parks and Recreation Fee Survey**

In order to provide additional information to the City regarding the calculated Parks & Recreation impact fee, a comparison of the fees for the City to those of neighboring and other generally comparable municipalities was prepared. These comparisons are presented in the table below and provide a comparison of the City's calculated Parks & Recreation impact fees for a typical single-family residential home to the fees currently imposed by neighboring municipalities.



It is important to note that the reader must view the comparison with caution as no in depth analysis has been performed to identify the methods used in the development of the impact fees imposed by the other municipalities, nor has any analysis been performed to determine whether the fees of other jurisdictions represent 100% cost recovery impact fees.

### **4.3 CONCLUSIONS AND RECOMMENDATIONS**

The fundamental conclusions and recommendations of the Parks & Recreation impact fee calculation are as follows:

- The calculated fees confirm the City's existing fees are correctly sized to fund the Park & Recreation capital needs of the future population
- We recommend the City maintain its existing Park & Recreation impact fees

## SECTION 5. TRANSPORTATION IMPACT FEES

This section describes the calculation of the Transportation impact fees for the City. The City's roads are available to and utilized by all residents and businesses in the City. Therefore, the costs eligible for inclusion in a Transportation impact fee are those costs necessary to provide the adopted level of service standards to new growth and will be recovered from all new residential and commercial growth within the City.

### 5.1 COST BASIS & LEVEL OF SERVICE STANDARDS

The need for new roads is driven by the number of vehicle trips relative to the current capacity of the City's existing roads at its adopted Level of Service (LOS) standard. In order to maintain the current LOS, as growth occurs and additional trips are generated, additional lanes must be added to existing roads and additional roads must be added to the City's transportation network. If such an approach is not adopted, additional growth will degrade the level of service as roads become more congested.

In order to develop Transportation impact fees for the City we first obtained a listing of the City's designated thoroughfares and existing LOS standards for each from City staff. We also reviewed the City of Deltona Comp Plan roadway number of lanes with City staff.

The unit cost of adding capacity is a function of the project cost and the increase in capacity. The estimated project costs for projects in the Comp Plan were provided by staff, and include actual costs for one project completed in FY 2015.

The table below presents the City's projects for additions to designated thoroughfares considered in this study, including the City's adopted LOS standard, length of the road segment, current number of lanes, and proposed number of lanes by 2025.



## 5.2 IMPACT FEE CALCULATION

**Unit Cost of Capacity** - The calculation of the Transportation impact fee consists of first calculating the unit cost of capacity, which is the road cost per Equivalent Dwelling Unit (EDU). An EDU is defined as the peak hour trips generated by a single family home. An EDU is calculated for each property class as the ratio of its trips per unit (square feet for most commercial, acres for parks and some sports facilities, etc.) compared to the trips for a residential single family home. Trips used are net of pass-by trips which are trips not originated or terminated at the subject parcel. An example of a pass-by trip is a trip that originates from a single family parcel and terminates at a retail parcel, but on the way stops at a convenience store. The trip was already on the roadway and would be considered a pass-by trip for the convenience store and removed from the trips used to apportion impact fee costs to that property class.

**Impact Fee Credit** - After calculating the unit cost of capacity, it is then necessary to calculate a credit to be applied for the net present value (NPV) of the gas tax revenue that the City is projected to receive, net of debt service, over the assumed 25 year life of a road. This is to avoid double recovery of road costs in the impact fee and again in the gas tax that is used to fund roadways and that new development will pay after issuance of a certificate of occupancy (CO). In the NPV calculation it is assumed that the new development will be receiving its CO at the midpoint of the 25 year life of the road. This will calculate the NPV of the gas taxes paid by the “average” new development. Development that receives a CO prior to the midpoint will pay more gas taxes and development that receives a CO after the midpoint will pay less gas taxes, therefore it is accepted practice to use the midpoint to represent the average time that new development will pay gas taxes.

**Impact Fee per EDU** - The impact fee per EDU is calculated as the Unit Cost of Capacity less the Impact Fee Credit. The following table presents the Impact Fee per EDU Calculation followed by tables supporting that calculation that are referred to in the notes associated with each calculation step in the Impact Fee Calculation table.

**FY 2015 IMPACT FEE STUDY**  
**TRANSPORTATION IMPACT FEES**

<b>Impact Fee Calculation</b>		<b>A</b>	<b>B</b>	<b>C</b>
<b>1</b>	<b><u>Vehicle Miles per EDU</u></b>			
2	Average Trip Length	6.00		Industry Data
3	Daily Trips per EDU (SFR Trips per Unit)	9.82		Trip Generation Rates from the 8th Edition ITE Trip Generation Report
4	Daily Vehicle Miles per EDU	58.92		Row2 x Row3
5	% New Lane Miles	14.91%		Designated Road Classified Thoroughfares
6	Added Daily Vehicle Miles per EDU	8.78		Row4 x Row5
7	Adjusted Vehicle Miles per EDU	4.39		Divide by 2 to prevent the double-counting of travel generated between two land use codes since every trip has an origin and a destination
<b>8</b>	<b><u>Cost per Vehicle Mile of Capacity</u></b>			
9	Average Cost per Lane Mile	\$ 4,453,855		Designated Road Classified Thoroughfares; Column O Row 9
10	Average Capacity per Lane Mile	8,287		Designated Road Classified Thoroughfares; Column L Row 9
11	Cost per Vehicle Mile of Capacity	\$ 537.45		Row9 / Row10
<b>12</b>	<b><u>Unit Cost of Capacity per EDU</u></b>			
13	Capacity Cost/EDU	\$ 2,359		Row7 x Row11
<b>14</b>	<b><u>Credit/EDU</u></b>			
15	NPV of Gas Tax Revenues After Payment of Debt Service	\$ 14,643,049		NPV over life of roads; Debt Service & Pledged Revenues; B24 - Z24
16	Total Road Cost	\$ 79,350,000		Designated Road Classified Thoroughfares; Column N Row 9
17	EDUs	33,637		Row16 / Row13
18	Credit/EDU	\$ 435		Row15 / Row17
<b>19</b>	<b><u>Impact Fee/EDU</u></b>			
20	Capacity Cost/EDU - Restated	\$ 2,359		Row13
21	Less: Credit/EDU - Restated	\$ 435		Row18
22	Impact Fee/EDU	\$ 1,924		Row20 - Row21



**FY 2015 IMPACT FEE STUDY**  
**TRANSPORTATION IMPACT FEES**

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**Impact Fee by Property Class** – After calculating the impact fee per EDU it is then necessary to determine the impact fee per unit for each property class. This is done by first determining the EDUs per unit for each class as the ratio of the peak trips generated by each class compared to the peak trips per dwelling unit for the single family class<sup>2</sup>. For the Retail and Service classes, consideration was given to the nature of the trips to these locations. A percentage of the trips generated by these businesses will be pass-by trips that are incidental to an intentional trip on the adjacent roadway. For example, a vehicle traveling from home to the grocery store may stop at a gas station along the way. This intermediate stop did not generate the trip and should not be burdened with the fee for it. Consequently, a “pass by” rate for each land use category was used to adjust the impact fee per EDU<sup>3</sup>.

These EDUs for each property class are then multiplied by the Impact Fee per EDU to determine the Impact Fee per unit for each property class. The following table presents the results of that calculation in a table of Impact Fees per Unit for each Property Class. It should be noted that the property classes included represent consolidation of a number of property classes in the current Impact Fee Rate Structure.

Based upon discussions with City staff and per our recommendation, a number of the current property classes are not applicable to the type of development that occurs in Deltona and the City preferred to simplify the property class designations where possible to provide for ease of implementation and understanding by City staff and the public, as well as in the provision future updates. A presentation of trip generation rates by ITE class, compiled by sub-class for the purposes of the impact fees in this report and the calculation of EDUs and impact fees per unit by sub-class is presented in the following table followed by a summary presentation of the impact fees by subclass.

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<sup>2</sup> Trip Generation Rates were compiled from the ITE Trip Generation Manual, 9<sup>th</sup> edition

<sup>3</sup> Pass-by rates were compiled from the ITE Trip Generation Handbook, 3<sup>rd</sup> edition

**FY 2015 IMPACT FEE STUDY  
TRANSPORTATION IMPACT FEES**

A	B	C	D	E	F	G	H	I
Impact Fee Subclass	Code	ITE Code	Unit	PM Peak Period Rate	Applied Pass- By Rate	Pass-By Trip Adjustment Factor	Subclass EDUs	Subclass Impact Fee/Unit
1	Industrial/Utilities	110	General Light Industrial	0.97	0%	1.00	0.68	\$1,308
2	Industrial/Utilities	120	General Heavy Industrial	0.68	0%	1.00	0.68	\$1,308
3	Industrial/Utilities	130	Industrial Park	0.85	0%	1.00	0.68	\$1,308
4	Industrial/Utilities	140	Manufacturing	0.73	0%	1.00	0.68	\$1,308
5	Warehousing	150	Warehousing	0.32	0%	1.00	0.23	\$449
6	Warehousing	151	Mini Warehouse	0.26	0%	1.00	0.23	\$449
7	Warehousing	152	High-Cube Warehouse	0.12	0%	1.00	0.23	\$449
8	Industrial/Utilities	160	Data Center	0.09	0%	1.00	0.68	\$1,308
9	Industrial/Utilities	170	Utilities	0.76	0%	1.00	0.68	\$1,308
10	Single Family Residential	210	Single Family Homes	1.00	0%	1.00	1.00	\$1,924
11	Multifamily	220	Apartment	0.62	0%	1.00	0.46	\$888
12	Multifamily	222	High Rise Apartment	0.35	0%	1.00	0.46	\$888
13	Multifamily	230	Resd. Condo/Townhouse	0.52	0%	1.00	0.46	\$888
14	Multifamily	240	Mobile Home Park	0.59	0%	1.00	0.46	\$888
15	Multifamily	251	Elderly Housing-Detached	0.27	0%	1.00	0.46	\$888
16	Multifamily	260	Recreational Homes	0.26	0%	1.00	0.46	\$888
17	Multifamily	270	Residential PUD	0.62	0%	1.00	0.46	\$888
18	Hotel/Motel	310	Hotel	0.60	0%	1.00	0.54	\$1,029
19	Hotel/Motel	320	Motel	0.47	0%	1.00	0.54	\$1,029
20	Outdoor Recreation/Sports/Fitness	412	County Park	0.09	0%	1.00	0.39	\$755
21	Outdoor Recreation/Sports/Fitness	416	Campground/RV Park	0.98	0%	1.00	0.39	\$755
22	Outdoor Recreation/Sports/Fitness	417	Regional Park	0.20	0%	1.00	0.39	\$755
23	Outdoor Recreation/Sports/Fitness	430	Golf Course	0.30	0%	1.00	0.39	\$755
24	Movie Theaters	444	Movie Theater w/ matinee	3.80	0%	1.00	3.80	\$7,311
25	Indoor Recreation/Sports/Fitness	473	Casino/Video Lottery Establishment	13.43	0%	1.00	4.82	\$9,266
26	Indoor Recreation/Sports/Fitness	491	Racquet/Tennis Club	0.84	0%	1.00	4.82	\$9,266
27	Indoor Recreation/Sports/Fitness	492	Health/Fitness Club	3.53	0%	1.00	4.82	\$9,266
28	Indoor Recreation/Sports/Fitness	494	Bowling Alley	3.54	0%	1.00	4.82	\$9,266
29	Indoor Recreation/Sports/Fitness	495	Recreational Com. Center	2.74	0%	1.00	4.82	\$9,266
30	Civic/Institutional	520	Elementary School	1.21	0%	1.00	2.21	\$4,246
31	Civic/Institutional	522	Middle/JR. High School	1.19	0%	1.00	2.21	\$4,246
32	Civic/Institutional	530	High School	0.97	0%	1.00	2.21	\$4,246
33	Civic/Institutional	540	Junior/ Comm. College	2.54	0%	1.00	2.21	\$4,246
34	Civic/Institutional	560	Church	0.55	0%	1.00	2.21	\$4,246
35	Civic/Institutional	561	Synagogue	1.69	0%	1.00	2.21	\$4,246

**FY 2015 IMPACT FEE STUDY  
TRANSPORTATION IMPACT FEES**

A	B	C	D	E	F	G	H	I
Impact Fee Subclass	Code	ITE Code	Unit	PM Peak Period Rate	Applied Pass- By Rate	Pass-By Trip Adjustment Factor	Subclass EDUs	Subclass Impact Fee/Unit
36	Daycare		1,000 sf	12.34	0%	1.00	12.34	\$23,741
37	Civic/Institutional		1,000 sf	7.30	0%	1.00	2.21	\$4,246
38	Hospital/Nursing Home/Clinic		1,000 sf	0.93	0%	1.00	2.28	\$4,393
39	Hospital/Nursing Home/Clinic		1,000 sf	0.74	0%	1.00	2.28	\$4,393
40	Hospital/Nursing Home/Clinic		1,000 sf	5.18	0%	1.00	2.28	\$4,393
41	Office		1,000 sf	1.49	0%	1.00	4.04	\$7,764
42	Office		1,000 sf	1.41	0%	1.00	4.04	\$7,764
43	Office		1,000 sf	1.74	0%	1.00	4.04	\$7,764
44	Office		1,000 sf	3.57	0%	1.00	4.04	\$7,764
45	Office		1,000 sf	1.21	0%	1.00	4.04	\$7,764
46	Office		1,000 sf	17.09	0%	1.00	4.04	\$7,764
47	Office		1,000 sf	11.22	0%	1.00	4.04	\$7,764
48	Office		1,000 sf	2.85	0%	1.00	4.04	\$7,764
49	Office		1,000 sf	1.48	0%	1.00	4.04	\$7,764
50	Office		1,000 sf	1.07	0%	1.00	4.04	\$7,764
51	Office		1,000 sf	1.26	0%	1.00	4.04	\$7,764
52	General Retail		1,000 sf	4.49	40%	0.60	3.02	\$5,803
53	General Retail		1,000 sf	4.35	40%	0.60	3.02	\$5,803
54	General Retail		1,000 sf	6.82	40%	0.60	3.02	\$5,803
55	General Retail		1,000 sf	4.98	40%	0.60	3.02	\$5,803
56	General Retail		1,000 sf	4.84	40%	0.60	3.02	\$5,803
57	General Retail		1,000 sf	6.94	40%	0.60	3.02	\$5,803
58	General Retail		1,000 sf	5.17	40%	0.60	3.02	\$5,803
59	General Retail		1,000 sf	3.71	40%	0.60	3.02	\$5,803
60	General Retail		1,000 sf	2.29	40%	0.60	3.02	\$5,803
61	General Retail		1,000 sf	2.71	40%	0.60	3.02	\$5,803
62	General Retail		1,000 sf	2.62	40%	0.60	3.02	\$5,803
63	General Retail		1,000 sf	2.54	40%	0.60	3.02	\$5,803
64	General Retail		1,000 sf	5.98	40%	0.60	3.02	\$5,803
65	Auto Care		1,000 sf	4.15	30%	0.70	2.19	\$4,206
66	Auto Care		1,000 sf	2.11	30%	0.70	2.19	\$4,206
67	General Retail		1,000 sf	9.48	40%	0.60	3.02	\$5,803
68	Gas Stations/Convenience Stores		1,000 sf	52.41	55%	0.45	12.37	\$23,805
69	Gas Stations/Convenience Stores		1,000 sf	34.57	55%	0.45	12.37	\$23,805
70	Gas Stations/Convenience Stores		1,000 sf	50.62	55%	0.45	12.37	\$23,805

FY 2015 IMPACT FEE STUDY  
TRANSPORTATION IMPACT FEES

A	B	C	D	E	F	G	H	I
Impact Fee Subclass	Code	ITE Code	Unit	PM Peak Period Rate	Applied Pass- By Rate	Pass-By Trip Adjustment Factor	Subclass EDUs	Subclass Impact Fee/Unit
71	General Retail		1,000 sf	8.34	40%	0.60	3.02	\$5,803
72	General Retail	Discount Supermarket	1,000 sf	4.18	40%	0.60	3.02	\$5,803
73	General Retail	Discount Club	1,000 sf	0.88	40%	0.60	3.02	\$5,803
74	General Retail	Wholesale Market (Note: Dist Center; No retail)	1,000 sf	1.84	40%	0.60	3.02	\$5,803
75	General Retail	Sporting Goods Superstore	1,000 sf	2.33	40%	0.60	3.02	\$5,803
76	General Retail	Home Improvement Superstore	1,000 sf	4.50	40%	0.60	3.02	\$5,803
77	General Retail	Electronics Superstore	1,000 sf	4.99	40%	0.60	3.02	\$5,803
78	General Retail	Toy/Children's Superstore	1,000 sf	1.82	40%	0.60	3.02	\$5,803
79	General Retail	Baby Superstore	1,000 sf	3.40	40%	0.60	3.02	\$5,803
80	General Retail	Office Supply Superstore	1,000 sf	15.82	40%	0.60	3.02	\$5,803
81	General Retail	Book Superstore	1,000 sf	1.57	40%	0.60	3.02	\$5,803
82	General Retail	Discount Home Furnishing Superstore	1,000 sf	1.87	40%	0.60	3.02	\$5,803
83	General Retail	Department Store	1,000 sf	3.83	40%	0.60	3.02	\$5,803
84	General Retail	Apparel Store	1,000 sf	6.21	40%	0.60	3.02	\$5,803
85	General Retail	Arts and Crafts Store	1,000 sf	8.40	40%	0.60	3.02	\$5,803
86	General Retail	Drugstore w/o Drive-Thru	1,000 sf	9.91	40%	0.60	3.02	\$5,803
87	General Retail	Drugstore w/ Drive-Thru	1,000 sf	0.45	40%	0.60	3.02	\$5,803
88	General Retail	Furniture Store	1,000 sf	13.60	40%	0.60	3.02	\$5,803
89	General Retail	Video Rental Store	1,000 sf	12.13	35%	0.65	11.84	\$22,779
90	Banks	Walk-in Bank	1,000 sf	24.30	35%	0.65	11.84	\$22,779
91	Banks	Drive-in Bank	1,000 sf	11.34	45%	0.55	5.26	\$10,116
92	Sit-Down Restaurants/Bars	Drinking Place	1,000 sf	7.49	45%	0.55	5.26	\$10,116
93	Sit-Down Restaurants/Bars	Quality Restaurant	1,000 sf	9.85	45%	0.55	5.26	\$10,116
94	Fast Food/Cafes - No Drive Thru	High Turnover/Sit Down Rest	1,000 sf	26.15	70%	0.30	9.49	\$18,258
95	Fast Food/Cafes - With Drive Thru	Fast Food w/o Drive Thru	1,000 sf	32.65	70%	0.30	12.87	\$24,753
96	Fast Food/Cafes - With Drive Thru	Fast Food w/ Drive Thru	1,000 sf	44.99	70%	0.30	12.87	\$24,753
97	Fast Food/Cafes - No Drive Thru	Fast Food w/ Drive Thru and No Indoor Seating	1,000 sf	40.75	70%	0.30	9.49	\$18,258
98	Fast Food/Cafes - With Drive Thru	Coffee/Donut Shop w/o Drive Thru	1,000 sf	42.80	70%	0.30	12.87	\$24,753
99	Fast Food/Cafes - With Drive Thru	Coffee/Donut Shop w/ Drive Thru	1,000 sf	75.00	70%	0.30	12.87	\$24,753
100	Fast Food/Cafes - No Drive Thru	Coffee/Donut Shop w/ Drive Thru and No Indoor Seati	1,000 sf	28.00	70%	0.30	9.49	\$18,258
101	Fast Food/Cafes - With Drive Thru	Bread/Donut/Bagel Shop w/o Drive Thru	1,000 sf	18.99	70%	0.30	12.87	\$24,753
102	Auto Care	Bread/Donut/Bagel Shop w/ Drive Thru	1,000 sf	3.11	30%	0.70	2.19	\$4,206
103	Gas Stations/Convenience Stores	Automobile Care Center	Fuel Position	13.87	55%	0.45	12.37	\$23,805
104	Gas Stations/Convenience Stores	Gasoline/Service Station	Fuel Position	13.51	55%	0.45	12.37	\$23,805
105	Gas Stations/Convenience Stores	Serv.Station w/ Conven.Mkt	Fuel Position	13.86	55%	0.45	12.37	\$23,805
106	Gas Stations/Convenience Stores	Serv.Stat.w/Conv.Mkt.&Carwash	Fuel Position	13.63	55%	0.45	12.37	\$23,805
		Truck Stop	1,000 sf					

**Proposed Transportation Impact Fee Schedule**

	Unit	Impact Fee
Single Family Residential	Dwelling Unit	\$1,924
Multifamily	Dwelling Unit	\$888
Hotel/Motel	Room	\$1,029
Office	1,000 Square Feet	\$7,764
Hospital/Nursing Home/Clinic	1,000 Square Feet	\$4,393
Gas Stations/Convenience Stores	1,000 Square Feet	\$23,805
General Retail	1,000 Square Feet	\$5,803
Sit-Down Restaurants/Bars	1,000 Square Feet	\$10,116
Fast Food/Cafes - No Drive Thru	1,000 Square Feet	\$18,258
Fast Food/Cafes - With Drive Thru	1,000 Square Feet	\$24,753
Banks	1,000 Square Feet	\$22,779
Movie Theaters	1,000 Square Feet	\$7,311
Auto Care	1,000 Square Feet	\$4,206
Industrial/Utilities	1,000 Square Feet	\$1,308
Warehousing	1,000 Square Feet	\$449
Indoor Recreation/Sports/Fitness	1,000 Square Feet	\$9,266
Outdoor Recreation/Sports/Fitness	Acre	\$755
Civic/Institutional	1,000 Square Feet	\$4,246
Daycare	1,000 Square Feet	\$23,741

**It is important to note that the City has discretion regarding the percentage of cost recovery utilized in the establishment of impact fees. The impact fees can recover any amount up to, but not in excess of, the full cost recovery amounts identified herein. Adoption of impact fees at full cost recovery would lessen the pressure on taxes and other general fund revenues used to fund transportation facilities and equipment, thus reducing the need for funding of those facilities and equipment with general fund revenues. However, the City has discretion to adopt any amount up to 100% of the amounts identified herein.**

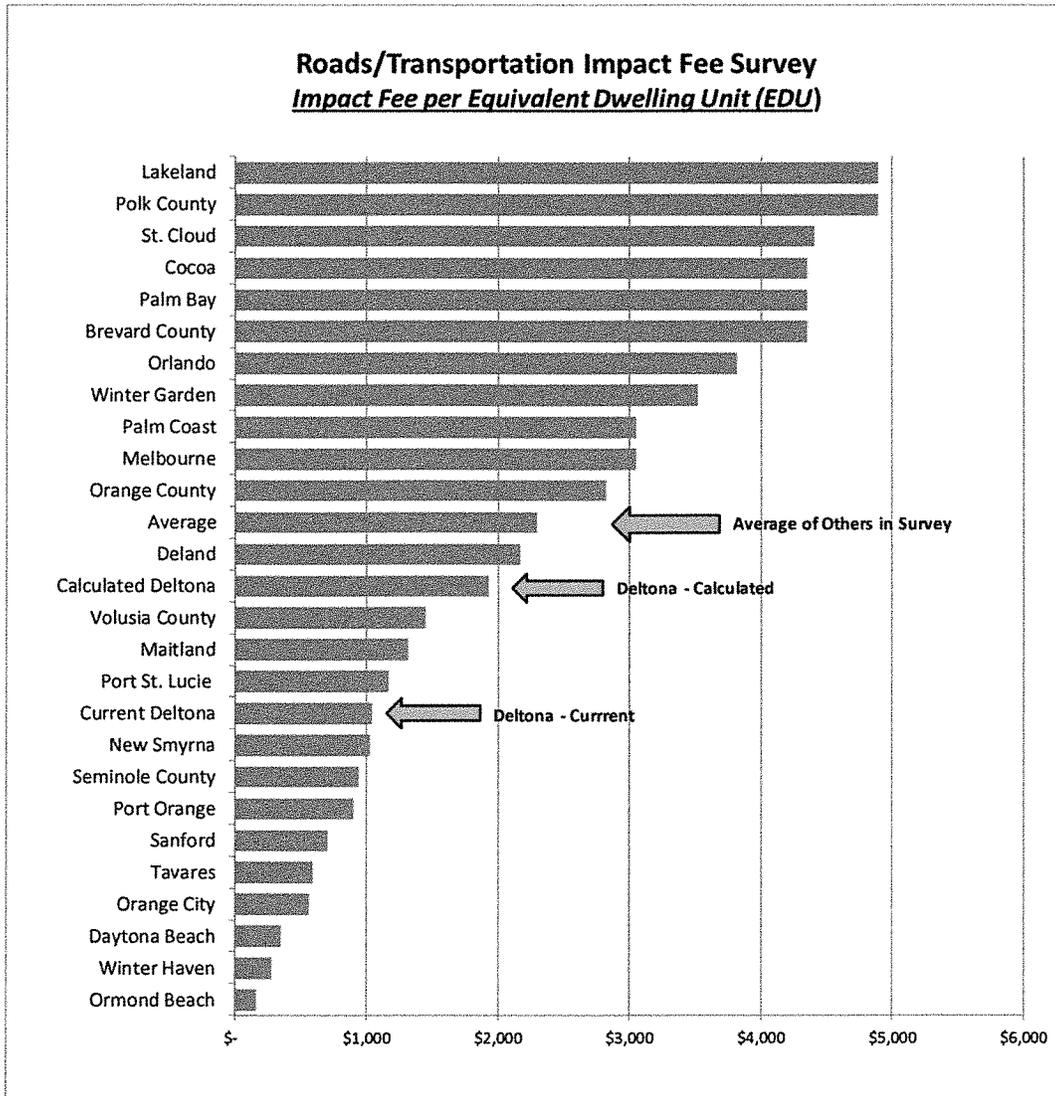
**5.3 TRANSPORTATION IMPACT FEE SURVEY**

In order to provide additional information to the City regarding the calculated Transportation impact fees, a comparison of the impact fee per EDU for the City to those of neighboring and other generally comparable municipalities was prepared. These

## FY 2015 IMPACT FEE STUDY

### TRANSPORTATION IMPACT FEES

comparisons are presented in the following table and provide a comparison of the City's calculated Transportation Impact Fees for a typical single-family residential home to the fees currently imposed by neighboring municipalities.



It is important to note that the reader must view the comparison with caution as no in depth analysis has been performed to identify the methods used in the development of the impact fees imposed by the other municipalities, nor has any analysis been performed to determine whether the fees of other jurisdictions represent 100% cost recovery impact fees.

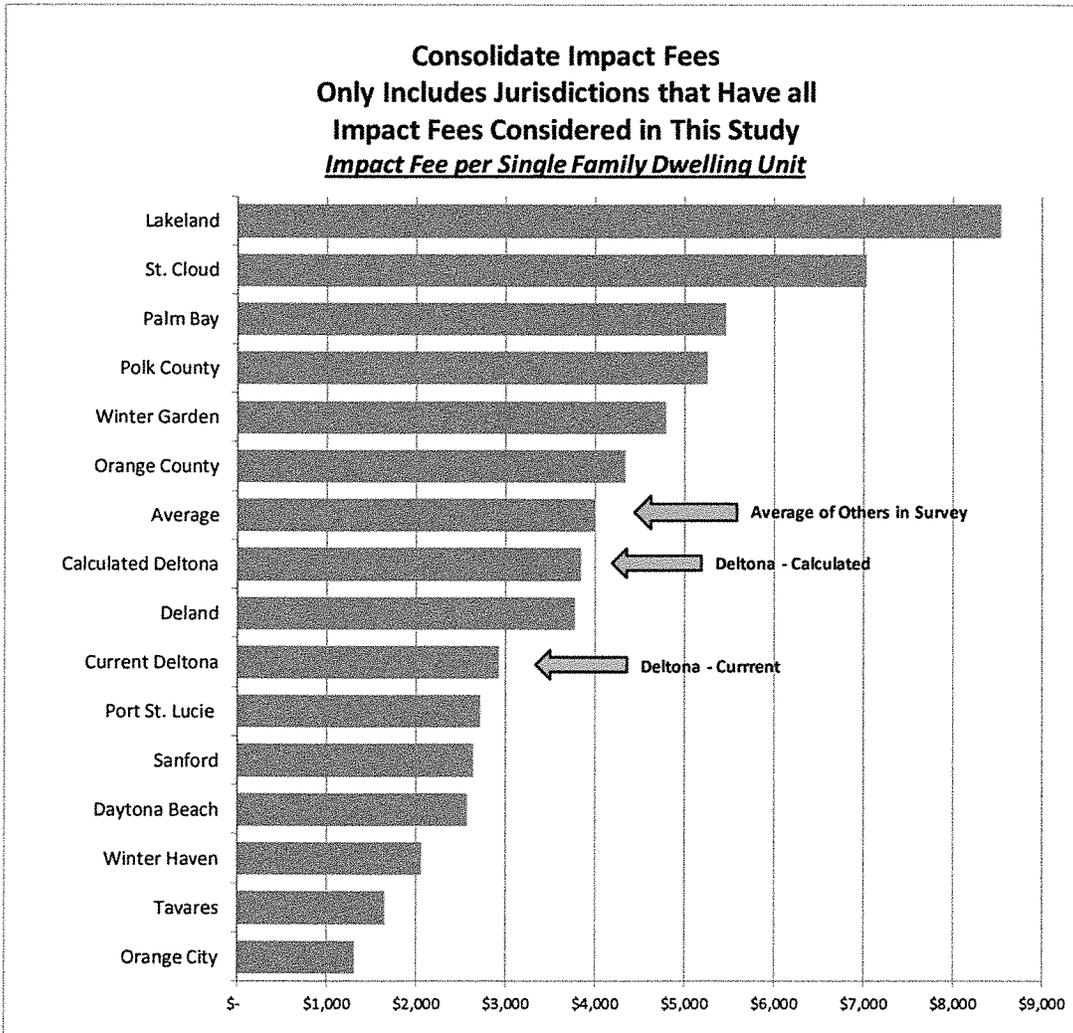
## **5.4 CONCLUSIONS AND RECOMMENDATIONS**

The fundamental conclusions and recommendations of the Transportation impact fee calculation are as follows:

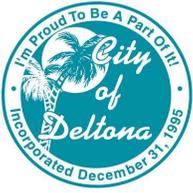
1. The calculated Impact Fee is \$1,924 per Equivalent Dwelling Unit (EDU). When compared to the survey above, the recommended impact fee is below the average fee for the other entities surveyed.
2. We recommend the City adopt the Transportation Impact Fee at the 100% cost recovery levels identified herein to maximize the recovery of expansion-related capital costs from new customers while minimizing the burden of these capital costs to existing properties.
3. We recommend that the City simplify its land use categories for the Transportation Impact Fees and adopt the schedule of Transportation Impact Fees by Land Use Category presented in the table on page 32 of this Report:

**SECTION 6. SURVEY OF ALL IMPACT FEES**

A survey of the total impact fee amount in jurisdictions that have adopted all impact fees considered in this study is presented in the table below.



The survey above shows that if the City adopts all of the recommended impact fees in this Report at 100% cost recovery, the total of all impact fees would be \$3,852 per Equivalent Dwelling Unit (EDU), which would be just below the average of the total of the same impact fees in the surveyed jurisdictions that have adopted all of the impact fees considered in this report.



## Agenda Memo

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### AGENDA ITEM: B.

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 9 - B

**SUBJECT:**

Public Hearing - Request for Rehearing of Ordinance No. 30-2016, Rezoning Request for ±1.46 acres of land located near of the intersection of DeBary Ave. and Providence Blvd., at first reading - Chris Bowley, AICP, Director of Planning and Development Services, (386) 878-8602.

Strategic Goal: Economic Development - work with existing businesses to expand and grow.

**LOCATION:**

The property is located near the southwest corner of the intersection of DeBary Ave. and Providence Blvd.

**BACKGROUND:**

The subject site consists of a portion of several Deltona Lakes Plat lots and tracts, is developed with a single family dwelling, with the remainder of the site including vacant land. There is also a wetland area located at the rear of the property. The property is currently zoned as Professional Business (PB) and is designated as Commercial on the City's Future Land Use Map; thus the requested zoning designation is consistent with the future land use designation. The conventional PB and proposed C-1 zoning classifications are considered "by-right" designations that include a range of permitted and conditional uses that have to conform to the associated performance standards.

The proposed rezoning from PB to C-1 (Retail Commercial) zoning will allow for a broader range of permitted and conditional land uses on-site. The parcel to the west has a PB zoning designation, with medical office, and to the east and south, a C-1 zoning designation. The property to the east is developed with a 7-11 convenience store. The proposed rezoning action proposes a joint driveway with the 7-11 site, with utilization of the existing driveway location as a right-in/right-out along the south side of DeBary Ave.

There is an RP (Resource Protection) zoned tract southeast of the site and R-1 zoned lands that are developed with single-family homes as part of the Deltona Lakes Plat to the north. The site is also within the Enterprise Commercial Overlay District that includes architectural elements, such as building design, color, and site development requirements consistent with the Florida vernacular style. Finally, the Spring-to-Spring recreational trail is adjacent to the property to the south.

Both the PB and C-1 zoning districts are consistent with the Commercial future land use designation. The proposed rezoning to C-1 meets adjacency to the 7-11 commercial property to the east and the facilitation along an arterial roadway to the north. The joint access driveway proposed facilitates coordinated access management in relation to the signalized intersection at Providence Blvd. and

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**AGENDA ITEM: B.**

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DeBary Ave.

While the C-1 zoning designation as a policy decision is consistent and compatible with the City's Comprehensive Plan, any development on-site would have to meet the performance standards of that zoning district and accompanying land development regulations. Thus, development will have to comport to internal circulation and trip capture, utilize suitable soil, provide for safe ingress and egress of both pedestrians and vehicles, honor building setbacks and landscape buffers, service area storage, turning radii, solid waste collection, stormwater management, and emergency response accommodation. Staff can support a policy decision that is consistent and compatible with development at intensities, scaling, and massing that properly utilizes access management on-site and similar to adjacent uses.

On August 17, 2016, the City of Deltona Planning and Zoning Board heard the rezoning request and voted 5-2, with one member abstaining due to land ownership nearby, to recommend that the City Commission deny the rezoning request. The overarching reasons for the Board's denial were lack of horizontal control, resource protection, and land use compatibility. On September 19, 2016, the City Commission heard the first reading of Ordinance No. 30-2016 and voted 4-3 to deny the rezoning request.

Pursuant to Section 110-1005 of the City's Land Development Code, the applicant has filed for a rehearing to have Ordinance No. 30-2016 reheard by the City Commission and filed the proper materials to follow Section 110-1005 of the City's Land Development Code. Under that code provision, if the rehearing is not granted, or if the rehearing is granted and the rezoning request is then denied, a petition for a similar rezoning cannot take place until at least one year has elapsed from the date of rendition. If the City Commission decides to grant the rehearing motion, the City Commission must state its reasons for doing so, and set a time, date and place for another public hearing with notice to the public of when it would review the rezoning.

The standards to be considered for a rezoning are as follows. A rezoning is first reviewed for consistency with the purposes and intent of the Comprehensive Plan and Zoning Ordinance, and for the ability of the application to meet the standards for approval of the application that are contained in the relevant laws and ordinances governing the application's approval. Section 110-1101, Deltona City Code, states that the City shall consider the following matters when reviewing applications for amendments to the Official Zoning Map:

1. Whether it is consistent with all adopted elements of the Comprehensive Plan.
2. Its impact upon the environment or natural resources.
3. Its impact upon the economy of any affected area.
4. Notwithstanding the provisions of Article XIV of the Land Development Code, Ordinance No. 92-25 [Chapter 86, Code of Ordinances] as it may be amended from time to time, its impact upon necessary governmental services, such as schools, sewage disposal, potable water, drainage, fire and police protection, solid waste or transportation systems.
5. Any changes in circumstances or conditions affecting the area: In the last 5-10 years the area has seen significant change.
6. Any mistakes in the original classification.
7. Its effect upon the public health, welfare, safety, or morals.

If an applicant satisfies its burden of proving based on substantial and competent evidence before

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**AGENDA ITEM: B.**

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the reviewing body that its request is consistent with the Comprehensive Plan and required standards in the zoning code, the burden shifts to the local government to prove based on substantial competent evidence that maintaining the existing zoning accomplishes a legitimate public purpose.

A rezoning is quasi-judicial in nature and must be based on substantial competent evidence. The opinions of staff and other professionals in their fields of expertise would constitute competent substantial evidence, as well as the recommendation of a planning commission, if its recommendation is based on competent substantial evidence before it. The City staff report was thorough and recommended approval, in part due to adjacency. The planning commission's vote did not recommend approval. Testimony from the public is generally not competent substantial evidence on matters, which are technical in nature, but may be considered if based on a matter of which the individual had firsthand knowledge or how a proposal would affect the person's quality of life. Argument by attorneys is not viewed as competent substantial evidence

**COST:**

N/A

**SOURCE OF FUNDS:**

N/A

**ORIGINATING DEPARTMENT:**

Planning and Development Services

**STAFF RECOMMENDATION PRESENTED BY:**

Presented by Chris Bowley, AICP, Director, Planning and Development Services - Staff recommends considering the request for rehearing of Ordinance No. 30-2016 relating to rezoning ±1.46 acres located west of the DeBary Ave. and Providence Blvd. intersection from PB to C-1, and schedule a date for the rehearing.

**POTENTIAL MOTION:**

"I hereby move to grant a rehearing of Ordinance No. 30-2016 relating to rezoning ±1.46 acres located west of the DeBary Ave. and Providence Blvd. intersection from PB to C-1, and schedule the rehearing for the first regular City Commission meeting in February, 2017".

OR

"I hereby move to deny a rehearing of Ordinance No. 30-2016 relating to rezoning ±1.46 acres located west of the DeBary Ave. and Providence Blvd. intersection from PB to C-1".

**ORDINANCE NO. 30-2016**

**AN ORDINANCE OF THE CITY OF DELTONA, FLORIDA, AMENDING THE OFFICAL ZONING MAP PURSUANT TO CHAPTER 110, SECTION 1101, OF THE CITY CODE OF ORDINANCES FOR LOTS 2, 3, 4 AND TRACT C AND D, BLOCK 1396, DELTONA LAKES UNIT 52, MAP BOOK 28 PAGES 58-59 FROM PROFESSIONAL BUSINESS (PB) TO RETAIL COMMERCIAL (C-1); PROVIDING FOR CONFLICTS, SEVERABILITY, AND EFFECTIVE DATE.**

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**WHEREAS**, the City has received an application to amend the zoning for five contiguous parcels, +/-1.46 total acres, Lots 2, 3, 4 and Tract C and D, Block 1396, Deltona Lakes Unit 52, Map Book 28 Pages 58-59 from Professional Business (PB ) to Retail Commercial (C-1); and

**WHEREAS**, the City of Deltona, Florida and its Land Planning Agency have complied with the requirements of the Municipal Home Rule Powers Act, sections 166.011 et. seq., Florida Statutes, in considering the proposed rezoning from Professional Business (PB) to Retail Commercial (C-1); and

**WHEREAS**, after said public hearing, the City Commission of the City of Deltona, Florida, has determined that the C-1 zoning is consistent with the Comprehensive Plan of the City of Deltona, Florida.

**NOW, THEREFORE, BE IT ENACTED BY THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA, as follows:**

**Section 1.** Located in the City of Deltona, Florida, the zoning for the following properties are hereby amended to C-1: Lots 2, 3, and 4, Block 1396, Deltona Lakes Unit Fifty-Two, according to the plat thereof as recorded in Map Book 28, Pages 58 and 59, Public Records of Volusia County, Florida.

And

A portion of Tract “C” and Tract “D” of Deltona Lakes Unit Fifty-Two, according to the plat thereof as recorded in Map Book 28, Pages 58 and 59, Public Records of Volusia County, Florida, being described as follows:

Beginning at the Southwest corner of Lot 2, Block 1396, of said Deltona Lakes Unit Fifty-Two; thence run South 87 degrees 00 minutes 35 seconds East, along the North line of said Tract "D", a distance of 237.13 feet to the Southeast corner of Lot 4 of said Deltona Lakes Unit Fifty-Two; thence run South 16 degrees 23 minutes 38 seconds West, 177.32 feet to the South line of said Tract "D", thence run North 89 degrees 53 minutes 06 seconds West, along the South line of said Tract "D" and the South line of said Tract "C", a distance of 130.93 feet to the Southwesterly line of said Tract "C"; thence run North 40 degrees 05 minutes 36 seconds West, along said Southwesterly line 144.85 feet; thence run South 87 degrees 00 minutes 35 seconds East, 34.23 feet to a point on the Northeasterly line of said Tract "C"; thence run North 02 degrees 33 minutes 38 seconds East, 73.27 feet to the Point of Beginning.

**Section 2.** This Ordinance is adopted in conformity with and pursuant to the Comprehensive Plan of the City of Deltona, the Local Planning and Land Development Act, Sections 163.161 et. seq., Florida Statutes, and the Municipal Home Rule Powers Act et. seq., Florida Statutes.

**Section 3.** Conflicts. Any and all Ordinances or parts of Ordinances in conflict herewith are hereby repealed.

**Section 4.** Severability. If any provision of this Ordinance or the application thereof to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications of the Ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this Ordinance are declared severable.

**Section 5.** Effective Date. This Ordinance shall take effect immediately upon its final adoption by the City Commission.

**PASSED AND ADOPTED BY THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2016.**

First Reading: \_\_\_\_\_

Advertised: \_\_\_\_\_

Second Reading: \_\_\_\_\_

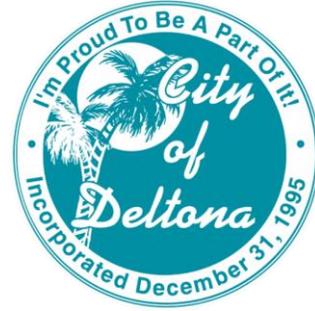
BY: \_\_\_\_\_  
JOHN C. MASIARCZYK, SR., Mayor

ATTEST:

\_\_\_\_\_  
JOYCE RAFTERY, CMC, MMC, City Clerk

Approved as to form and legality  
for use and reliance of the City of  
Deltona, Florida

\_\_\_\_\_  
GRETCHEN R. H. VOSE, City Attorney



# Staff Report

**To:** Planning and Zoning Board

**From:** Scott McGrath, CFM

**Date:** August 2, 2016

**Re:** RZ16-002, Ordinance No. 30-2016, Dollar Tree 823-827 Debary Avenue.

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## A. Summary of Application:

**Applicant:** Peter Pensa, AICP  
Avid Group LLC.  
2300 Curlew Road, Suite 201  
Palm Harbor, FL 34683

**Request:** The City has received an application to rezone 1.46+/- acres located south and west of the intersection of Debary Avenue and Providence Boulevard, just west of the 7-11 convenience store.

**Tax Parcel No.:** 30-18-31-52-04-0020, 30-18-31-52-04-0030, 30-18-31-52-04-0040, 30-18-31-52-00-0040

**Property Acreage:** ± 1.46 Acres

**Property Location:** 823, 825, and 827 Debary Avenue

**Legal Description:** Lots 2, 3, and 4, excluding new Right of Way, Block 1396, Deltona Lakes Unit Fifty-Two, according to the plat thereof as recorded in Map Book 28, Pages 58 and 59, Public Records of Volusia County, Florida.

And

A portion of Tract "C" and Tract "D" of Deltona Lakes Unit Fifty-Two, according to the plat thereof as recorded in Map Book 28, Pages 58 and 59, Public Records of Volusia County, Florida, being described as follows:

Beginning at the Southwest corner of Lot 2, Block 1396, of said Deltona Lakes Unit Fifty-Two; thence run South 87 degrees 00 minutes 35 seconds East, along the North line of said Tract "D", a distance of 237.13 feet to the Southeast corner of Lot 4 of said Deltona Lakes Unit Fifty-Two; thence run South 16 degrees 23 minutes 38 seconds West, 177.32 feet to the South line of said Tract "D", thence run North 89 degrees 53 minutes 06 seconds West, along the South line of said Tract "D" and the South line of said Tract "C", a distance of 130.93 feet to the Southwesterly line of said Tract "C"; thence run North 40 degrees 05 minutes 36 seconds West, along said Southwesterly line 144.85 feet; thence run South 87 degrees 00 minutes 35 seconds East, 34.23 feet to a point on the Northeasterly line of said Tract "C"; thence run North 02 degrees 33 minutes 38 seconds East, 73.27 feet to the Point of Beginning.

**B. Existing Zoning:** Professional Business (PB)

**C. Background:** The City has received an application to rezone 1.46+/- acres located south and west of the intersection of Debarry Avenue and Providence Boulevard. The subject properties are located west of and adjacent to the existing 7-11 convenience store and fueling station. The intended use is a roughly 10,000 square foot standalone Dollar Tree retail store which will relocate from its current location in the nearby Deltona Landings Plaza. The site will have a right-in right-out from Debarry Avenue and access through the 7/11 site via existing access easement.

**D. Support Information**

**Public Facilities:**

- a. Potable Water: to be supplied by Deltona Water
- b. Sanitary Sewer: to be supplied by Deltona Water
- c. Fire Protection: Deltona Fire Station 61
- d. Law Enforcement: Volusia County Sheriff's Office (VCSO)
- e. Electricity: Duke Energy

**E. Matters for Consideration:**

Section 110-1101, Code of City Ordinances, states that the City shall consider the following matters when reviewing applications for amendments to the Official Zoning Map:

- 1. Whether it is consistent with all adopted elements of the Comprehensive Plan.**

The Future Land Use Category for the properties is Commercial (C). According to the Land Use/Zoning Matrix (Table 110-16), the proposed C-1 zoning is a preferred and compatible zoning classification that could be applied to land that is has a Commercial Land Use Designation.

**2. Its impact upon the environment or natural resources.**

The subject properties consists of two undeveloped lots, a lot with a single family residence, and a tract with a portion containing wetlands. The undeveloped lots are somewhat lower than the existing road and are covered with mix of vegetation predominately native palms, long needle pine trees, weeds and vines. The Tract located behind the frontage lots abuts the St Johns River 2 Sea Trail. The Tract contains a mix of long needle pines, sabal palms, and wetlands. The project will afford all appropriate wetland buffers. Any protected wildlife will be mitigated according to local, state, and federal guidelines.

According to the current official FEMA FIRM maps (dated 2/19/2014), the site is free of the 100-Year Flood Plain.

The soils are Paola Fine Sand and Orsino Fine Sand, both of which are suitable for development.

**3. Its impact upon the economy of any affected area.**

The proposed project will bring temporary construction jobs and spending to the area. The Dollar Tree may hire extra personnel to staff the expanded store. This development will also utilize 4 parcels, three of which are currently vacant, which be significant increase in taxable value of the properties.

**4. Notwithstanding the provisions of Article XIV of the Land Development Code, Ordinance No. 92-25 [Chapter 86, Code of Ordinances] as it may be amended from time to time, its impact upon necessary governmental services, such as schools, sewage disposal, potable water, drainage, fire and police protection, solid waste or transportation systems.**

- a. **Schools:** The commercial development will not have any negative impact on the local schools or school district
- b. **Sewage Disposal:** The proposed development will connect to City sewers. Ample capacity is available.

- c. **Potable Water:** The proposed development will connect to City water. Ample capacity is available.
- d. **Drainage:** All stormwater will be stored on site through a combination of underground vault storage system and an open retention/detention area.
- e. **Transportation Systems:** The proposed development fronts on Debary Avenue, a major Volusia County Thoroughfare. According to the ITE manual, (9<sup>th</sup> edition) this use will produce an average of 640 trips per day, with an average of 40% being passer-by trips. Eliminating the current single family residence will reduce impacts by 10 trips per day, bringing the total new trips to 374 per day. Debary Avenue currently operates at a level of service D, accounting for 20,000 of the 30,000 available trips per day. Ample capacity is available on Debary Avenue to support the rezoning.

Votran bus service is also available at the nearby intersection of Debary and Providence.

**5. Any changes in circumstances or conditions affecting the area:**

In the last 5-10 years the area has seen significant change. The old power plant has been torn down; Debary Avenue was widened and reshaped; the River 2 Sea trail was constructed; the drainage system along Providence Boulevard leading to the lake was rebuilt; 75 residential units of Live Oaks Estates were completed; and the Thornby and Green Springs parks were opened. The area has seen significant infrastructure, recreation, and housing improvements. Therefore the request for C-1 zoning is appropriate to serve new development in the area.

**6. Any mistakes in the original classification:**

No known mistakes.

**7. Its effect upon the public health, welfare, safety, or morals.**

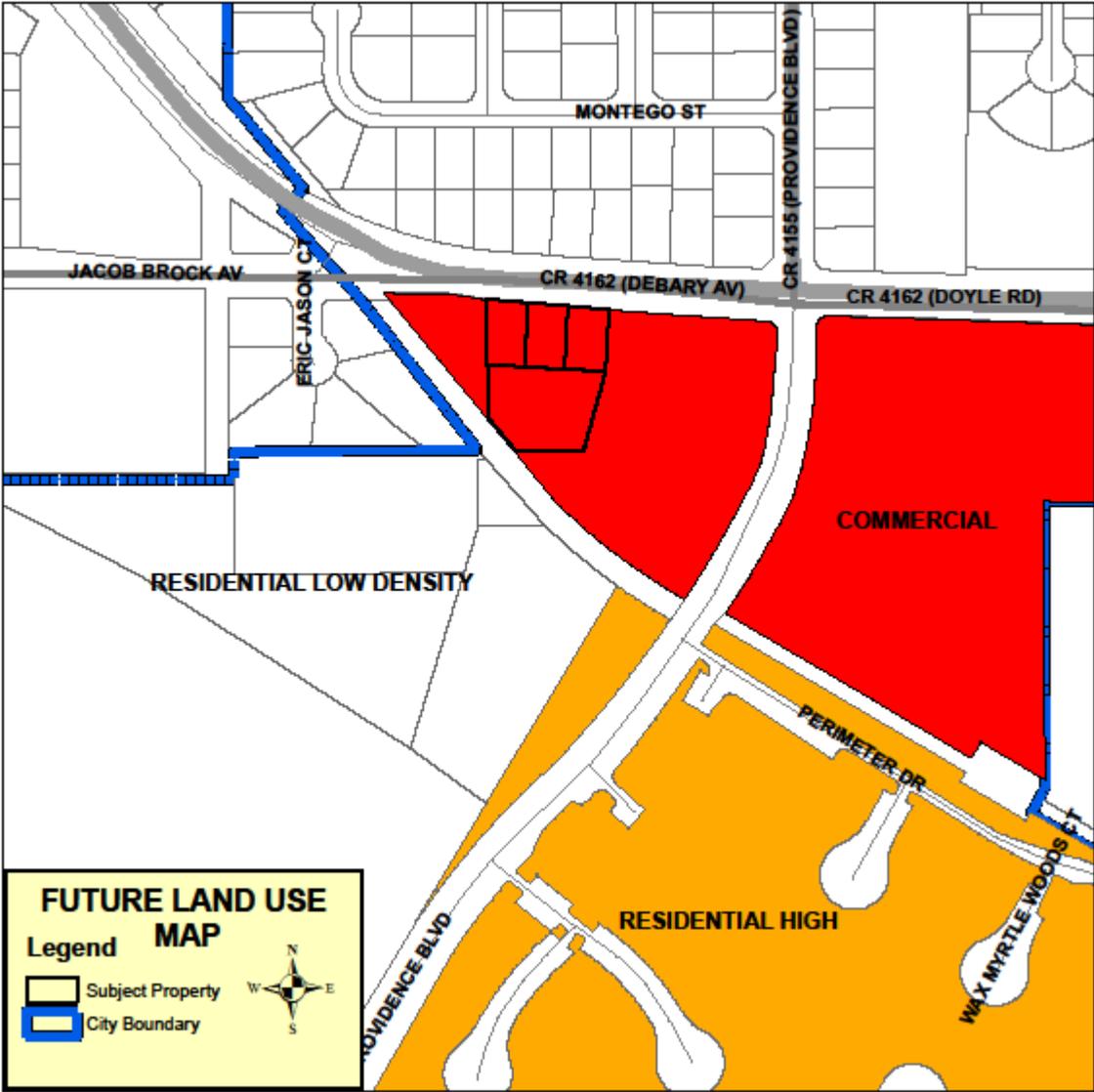
Any development of this site will required to meet or exceed the design guidelines of the Enterprise Commercial Overlay as set forth in Section 110-320 of the Land Development Code. The rezoning will not negate the overlay district.

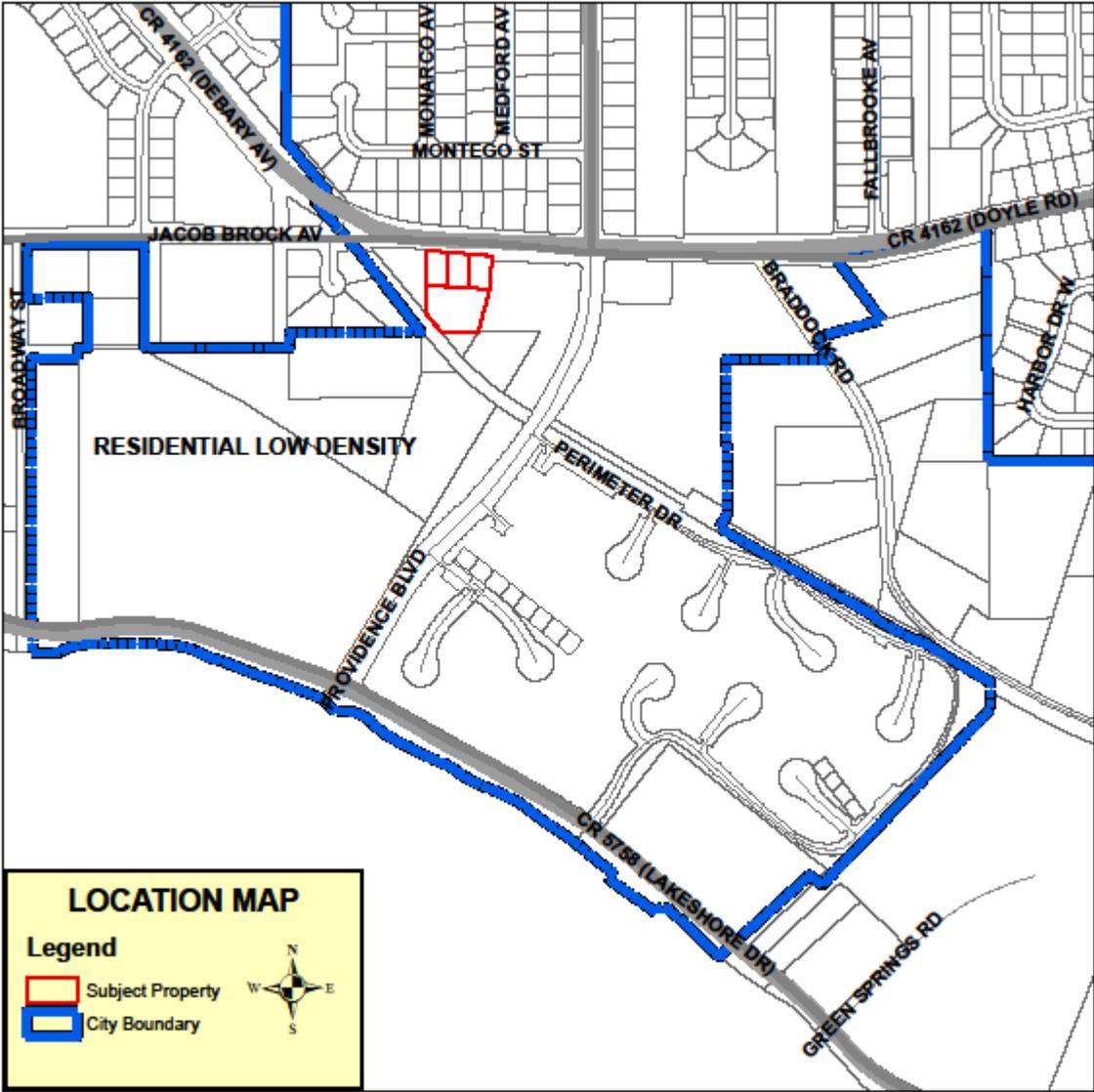
Staff finds that the change from Professional Business to C-1 will have no negative effects on the public health, welfare, safety or morals of the City.

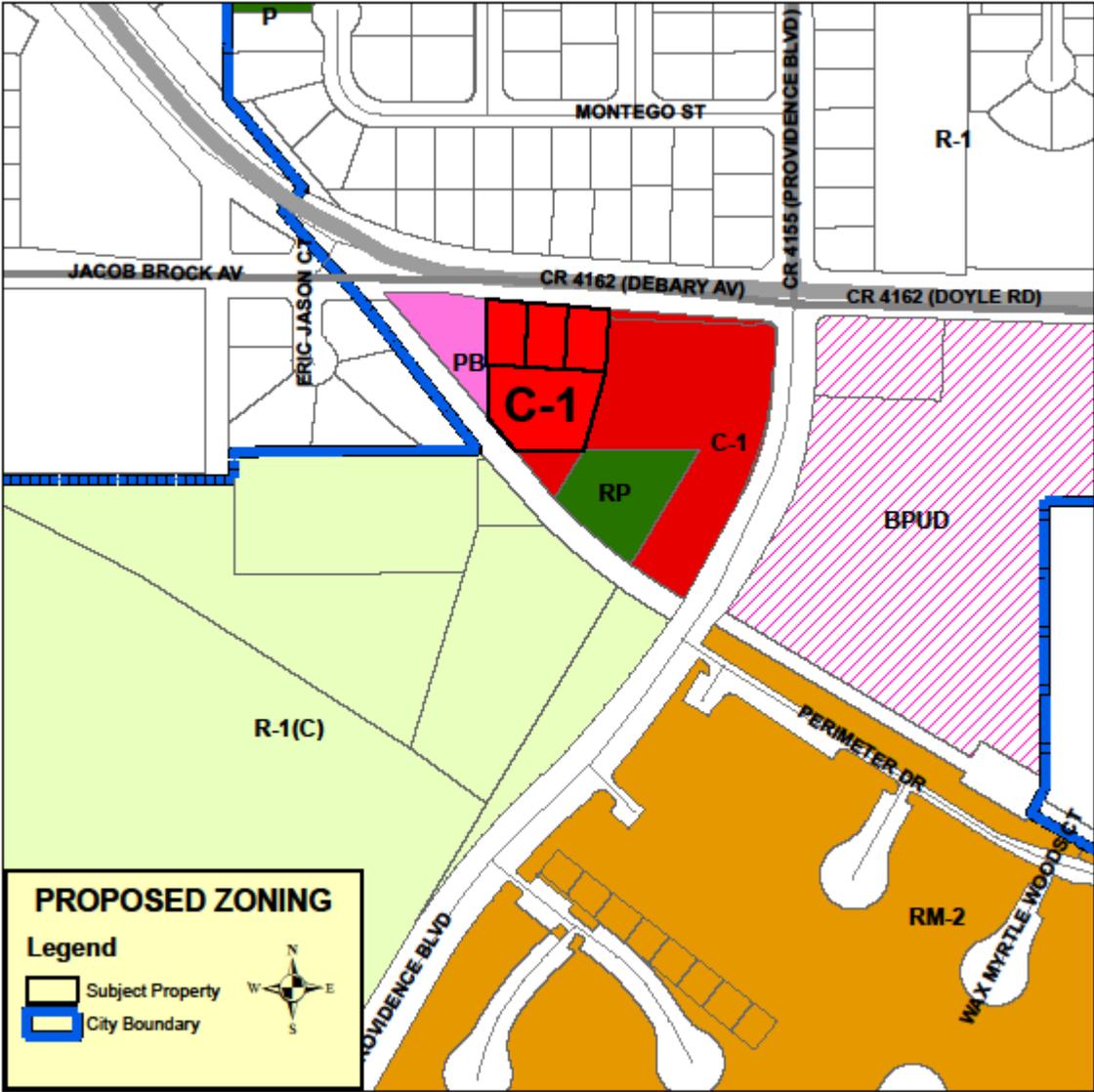
## **CONCLUSION/STAFF RECOMMENDATION:**

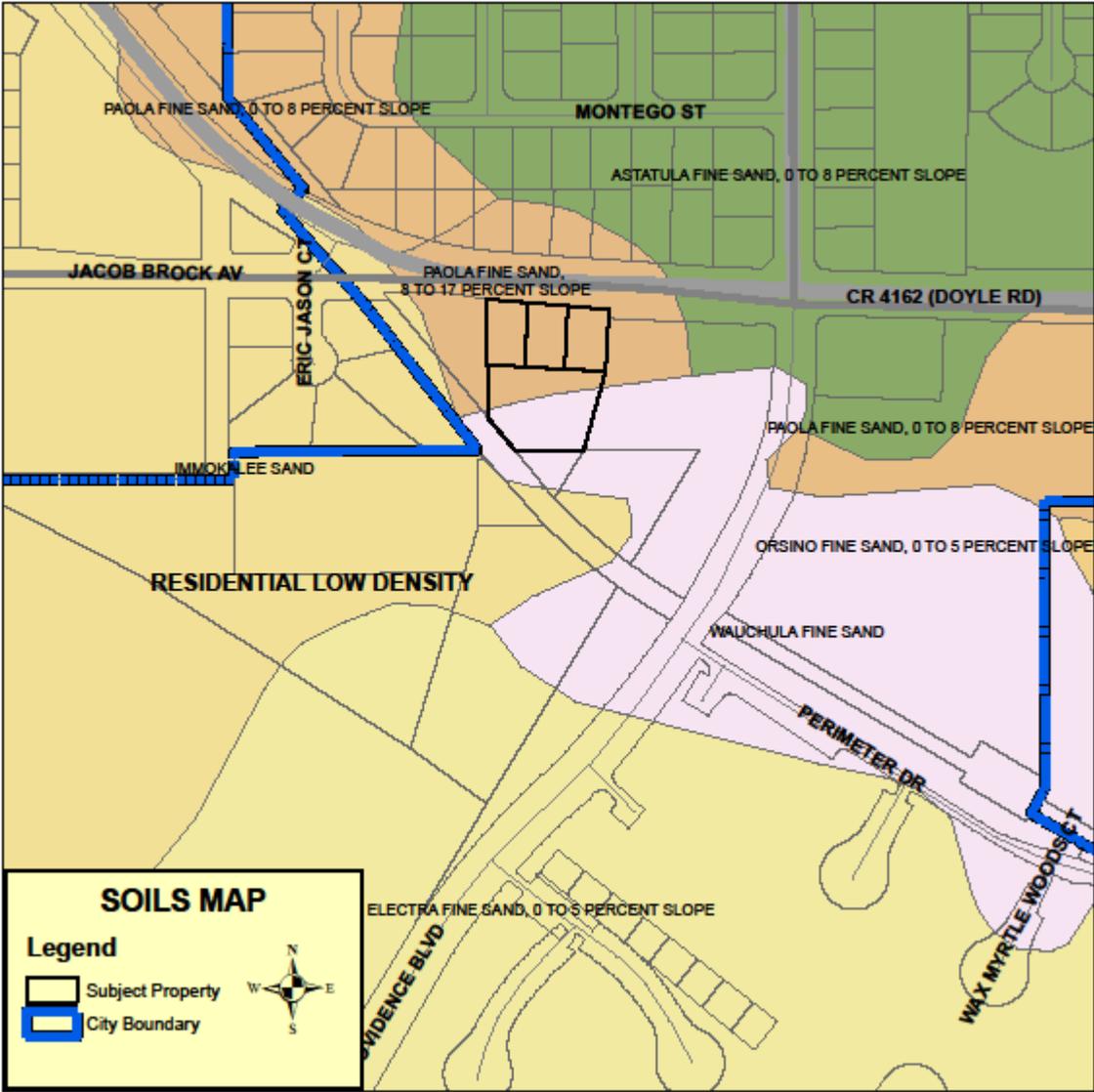
The City is underserved by commercial uses, and the proposed C-1 rezoning application will foster greater commercial opportunity within the City. Thus, staff recommends approval of this application at the policy level, provided any application for development comports with the performance standards of that zoning district. Greater commercial opportunity will also help address the City's over reliance on a tax base dominated by residential uses. Promoting more commercial development and tax base diversification are long standing City goals. However, in the case of this rezoning application, these goals will not be furthered at the expense of land use compatibility. The requested C-1 zoning, like the PB, is neighborhood oriented and the C-1 is intended to serve and be compatible with residential areas. Development will be required to be consistent with the historical character of the Enterprise community through compliance with the City's Enterprise Overlay District. Finally, the proposed rezoning is consistent with the Comprehensive Plan and can be served by existing public infrastructure (roads, central water and sewer).

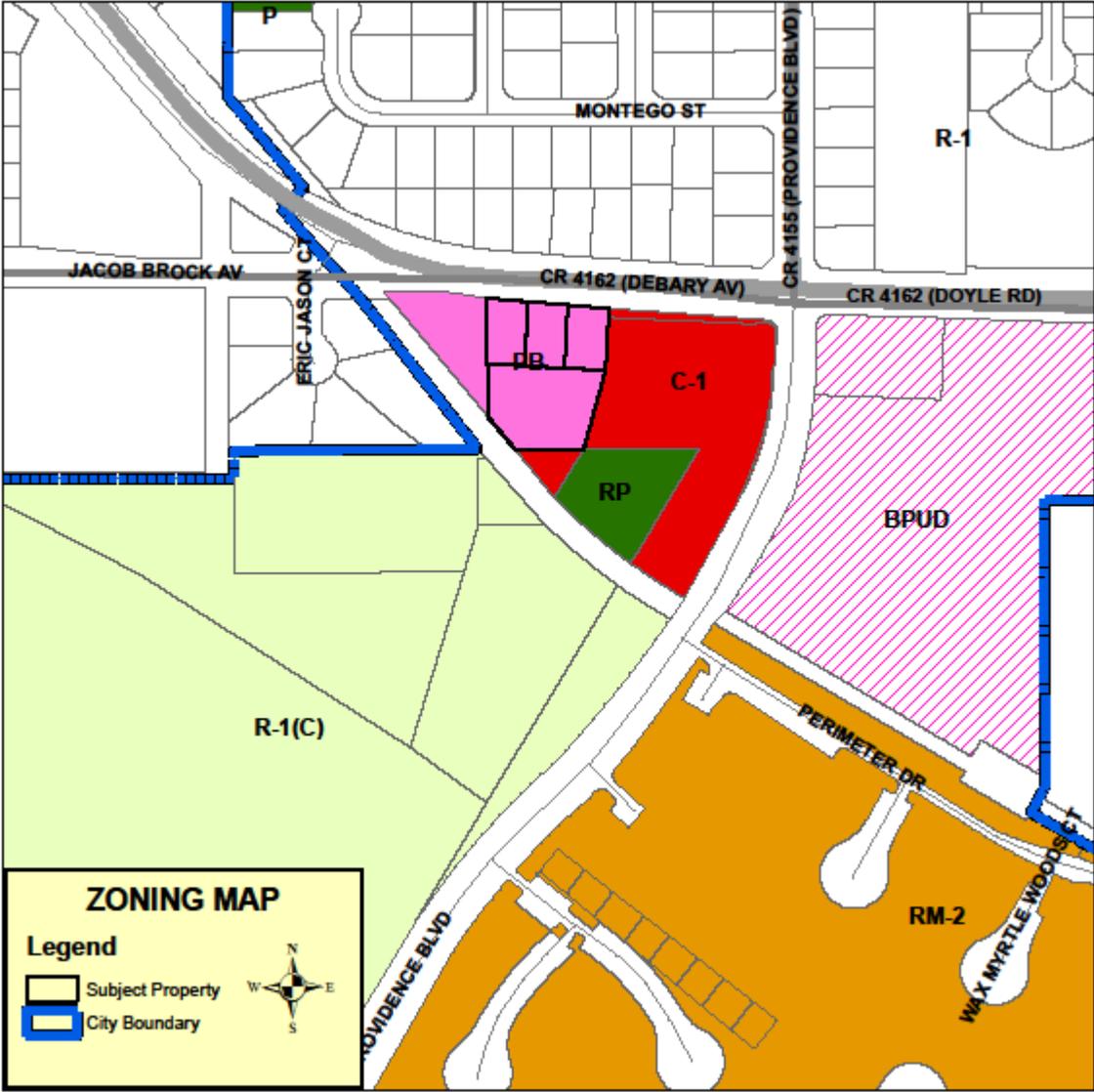












# LANDIS GRAHAM FRENCH, P.A.

ATTORNEYS AT LAW

ESTABLISHED 1902

OFFICES IN DELAND AND DAYTONA BEACH, FLORIDA

F. A. (ALEX) FORD, JR.  
145 East Rich Avenue, P.O. Box 48  
DeLand, Florida 32721-0048

TELEPHONE (386) 734-3451  
Toll Free (888) EST 1902  
Facsimile (386) 736-1350

October 3, 2016

## VIA EMAIL AND HAND DELIVERY

City of Deltona  
Attention: Chris Bowley  
Director of Planning and Development Services

RE: Ordinance 30-2016  
Rezoning application for 1.46 acres  
From PB to C-1

Dear Mr. Bowley:

As you know, I represent the applicant in regard to the above-referenced matter. Pursuant to Section 110-1005 of the Zoning Ordinance of the City of Deltona, please accept this as the applicant's motion for rehearing in that matter. The applicant alleges that the City Commission has overlooked or misapprehended some facts or points of law in reaching its decision to deny the application for rezoning. As the applicant for rezoning, the applicant is a party who is aggrieved by Commission's decision.

**General.** Section 110-1005, Zoning Ordinance of the City of Deltona provides for an aggrieved party to file a motion for rehearing when it believes the City Commission has made a mistake in the action it took on a rezoning. Were it not for this process, the applicant's only other recourse would be to resort to litigation in the Circuit Court. The rehearing process, contemplated by this motion, allows the City to remedy the perceived error if it finds one existed. The grounds of the motion for rehearing are that the stated bases for the City Commission's denial of the application were not supported by the competent substantial evidence that was before the commission, and that the City's action deprived the applicant of its constitutional due process rights.

### **Facts overlooked or misapprehended.**

Stated basis of motion for denial. The stated bases for denial of the application for rezoning were:

- A. The site is too constrained,
- B. There are traffic safety concerns, and
- C. The rezoning to C-1 is not compatible with the R-1 zoned area that "backs up" against the property.

None of these bases for denial are supported by the facts presented to the City Commission. Specifically, there was no competent substantial evidence supporting these findings, for reasons including but not limited to:

Constrained site. The property is not too constrained for the commercial development as allowed under the requested zoning category. In fact, the subject property is 1.46 acres. Ignoring the wetlands on the property, it is still in excess of one acre. The City of Deltona's minimum lot size for C-1 zoned property is 10,000 square feet, which is slightly under one-quarter of an acre. Thus, the City's approved minimum lot size for the zoning category sought by the applicant is substantially smaller than the property which is the subject of the application. The subject property meets the minimum lot size requirements as established by City of Deltona Zoning Ordinance. There was no competent substantial evidence of any site constraints which would make it impossible to develop the site within the requirements of the zoning or other land development code requirements. It should be noted that the applicant had filed for a variance seeking relief from certain from the City's land development requirements (specifically, landscape buffer requirements). The site plan which accompanied the variance application showed that a 10,500 ft.<sup>2</sup> commercial building could be erected on the site with a minor variance to the landscaping buffer requirements. City staff found the variance application insufficient for the very reason that the property could be developed without need for a variance, though the proposed building size might have to be reduced. The applicant withdrew the variance application before the hearing on the application for rezoning. Even without that variance, a commercial development could still take place on the property, and no competent substantial evidence was before the commission to indicate otherwise.

Traffic issues. There was no competent substantial evidence that rezoning property would create any situation which would legitimately constitute a basis for denial based upon traffic or traffic safety concerns. Specifically, the staff report indicated that Debary Avenue currently operates at a level of service D and "ample capacity" is available to support the rezoning. It further stated that "development will have to comport to internal circulation and trip capture, ... provide for safe ingress and egress of both pedestrians and vehicles...." In other words, development would have to meet appropriate traffic safety requirements. This evidence went un-contradicted. The specific requirements for evaluation of traffic issues, as set forth in the City's land development code, did not reflect any such issues. One person speaking in opposition did purport to have conducted a "traffic study", but there was no evidence that this individual was qualified as required by the City's code (i.e., a qualified professional engineer, licensed to practice within the State of Florida). Further, that individual's "testimony" failed to demonstrate that he determined trip generation, trip distribution, traffic assignment, capacity analysis or made a determination of roadway system improvements necessitated by the development, all as provided in Section 70-30 of the City's Land Development Code. Nor did he perform an analysis of the trip generation rate for the proposed zoning in comparison to the existing zoning, or provide any analysis of the capacity of impacted roads, if any. To the extent that the commission applied standards which are outside of its adopted criteria for evaluation of traffic issues, such consideration is improper and is a denial of the applicant's fundamental right to due process.

Compatibility with Residential. There is no competent substantial evidence that rezoning the property from PB to C-1 would be incompatible with area of R-1 zoning behind the property. Moreover, the actual facts reveal quite the contrary. The property's neighbors immediately behind and to the south of the subject property are a vacant C-1 zoned property owned by Florida Power Corp. (now Duke Energy) and an approximate 100' wide recreational trail. Behind those properties

is R-1 zoned lands consisting of a large drainage retention pond owned by Volusia County, more vacant land owned by Florida Power Corp. (now Duke Energy) and park land owned by Volusia County and the City. Moreover, by definition and under the City's future land use element of its comprehensive plan, the C-1 zoning adjacent to R-1 zoning is compatible. This is evidenced by the existence of R-1 zoning next to other C-1 zoning in the immediate neighborhood, as shown on the zoning maps which were in evidence before the Commission. The facts before the City Commission showed that the C-1 zoned property adjacent to the subject property has R-1 zoning to directly the north and to the south of that parcel. It should be noted that there was no "neighborhood" opposition to the application. The only speakers in opposition were Pat Northey of 2310 Carson Ln. (over 3 miles away), Roy Walters and Sandra Walters of 480 Warrior Trail (over 1 mile away), Janet Deyette of 2451 Timbercrest Dr. (over 3 miles away), Esther Dobens of 1347 East Normandy Blvd. (over 1 mile away), Carol Aymar of 1328 Sioux Trail (over 1 mile away), and Ed Sullivan 165 Oakley Dr. (over ½ mile away). None of the speakers provided competent substantial evidence that the rezoning would adversely affect the R-1 zoned property behind the subject property.<sup>1</sup> In fact, none of them proffered sufficient evidence to show they even had legal standing to object to the rezoning due to their failure to show an adverse impact on their properties or other factual basis supporting standing.

**Planning Board recommendation.** The Commission was also under the incorrect perception that the planning and zoning Board had recommended denial of this application by a vote of 5 to 2. The actual motion was for approval, and that vote failed 3 to 2. Only 6 members of the Board were present, and one member declared a conflict of interest because he owns property near the proposed location. The minutes of the planning Board do not reflect a motion to deny was made.

**Due Process denial.** The City Commission denied the applicant its constitutional rights of due process. Vice Mayor Nabicht made a motion for denial of the application, seconded by Commissioner Honaker. This motion was made and seconded prior to the applicant even being permitted to present its side of the case. Therefore, it was procedurally inappropriate. Further, at that point in the meeting the only evidence before the City Commission supported the application and no evidence had been introduced supporting the alleged bases for denial. The only evidence before the Commission at the time the motion was made consisted of the written staff report and agenda package, the oral report presented by staff, and, possibly, the minutes from the planning and zoning Board's action on this application. None of this evidence provided competent, substantial evidence in support of the stated bases for denial. Apparently, the factual basis for the motion, if any, was taken outside of the public hearing on this matter, and no disclosure of any such acceptance of ex parte information was provided to applicant. As a result of the foregoing, the applicant was denied its constitutional rights of due process.

---

<sup>1</sup> Some of the objecting parties gave lay testimony that the rezoning of the property to C-1 would not be compatible with the "Enterprise Overlay." However, the evidence clearly demonstrated that the applicant would be required to develop the property in accordance with the City's commercial development standards under the Enterprise Commercial Overlay district as set forth in Section 110-320 of the City's Land Development Code.

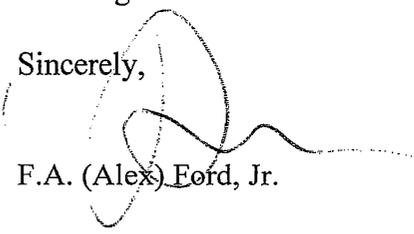
Page 4  
Mr. Chris Bowley, City of Deltona  
October 3, 2016

**Reservation of right to amend.** The applicant reserves the right to amend this motion for rehearing, and anticipates doing so upon review of the transcript of proceedings in regard to this matter.

Thank you for your acceptance of this motion. Please let me know the scheduled date for the City Commission's consideration of this motion so that we can ensure service upon the parties as required under Section 110-1005.

As always, I look forward to working with you in this regard.

Sincerely,



F.A. (Alex) Ford, Jr.

FAFjr/jh

cc: Client

**AFFIDAVIT OF COMPLIANCE WITH PUBLIC NOTICE  
REQUIREMENTS OF ZONING ORDINANCE OF  
VOLUSIA COUNTY, FLORIDA**

REQUEST FOR REHEARING  
Ordinance 30-2016  
Rezoning application for 1.46 acres  
From PB to C-1

*Deltona*

I, the undersigned hereby certify that I have mailed by certified mail, on December 30, 2016, to the mayor, the city manager, and to the following named property owners who were previously notified of the hearing in this case, a notice containing the time, date, and place that the motion for rehearing shall be heard. **A COPY OF THAT LETTER AND CERTIFIED MAIL RECEIPTS ARE ATTACHED.**

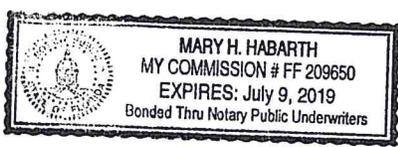
The names and addresses of the following property owners were obtained from the City of Deltona pursuant to a public records request on September 30, 2016.

Name	Tax Parcel # (12 digits)	Certified Mail Receipt Number
<b><u>SEE ATTACHED</u></b>		

Hearing Date January 17, 2017  
Typed or Printed Name F. A. (Alex) Ford, Jr., Esq.  
Signature *[Handwritten Signature]*  
Address 145 E. Rich Avenue, DeLand, Florida 32724

STATE OF FLORIDA  
COUNTY OF VOLUSIA

The foregoing instrument was acknowledged before me this 10 of January, 2017, by F. A. (Alex) Ford, Jr., Esq., who is personally known to me and who did not take an oath.



*Mary H Habarth*  
\_\_\_\_\_  
NOTARY PUBLIC  
STATE OF FLORIDA

**ATTACHMENT TO AFFIDAVIT OF COMPLIANCE WITH PUBLIC NOTICE REQUIREMENTS**

NAME AND ADDRESS	PARCEL NO.	CERTIFIED MAIL NO.
MS. DONNA ADAMS 333 MONTEGO ST DELTONA FL 32725	813012130010	70161370000210069418
MR./MRS. FERNANDO AGUILAR 296 PROVIDENCE BLVD DELTONA FL 32725	813012130040	70161370000210069425
AMOS HOLDINGS LLC 900 WEST 25TH STREET SANFORD FL 32771	813052040010	70161370000210069432
RICHARD H COFFIN JR TR & RICON TRUST 2070 CREEKSIDE RD SANTA BARBARA CA 93109	813052040050 910601000340	70161370000210069449
COUNTY OF VOLUSIA 123 W INDIANA AVE DELAND FL 32720-4253	910601000372, 813052030160 813052030181, 910601000370 910601000380	70161370000210069456
MS. ROSE DIAZ 9148 88TH RD APT 5C WOODHAVEN NY 11421	813052030120	70161370000210069319
EDGEWATER CONDO APTS DELTONA 175 PALMETTO WOODS CT DELTONA FL 32725-9385	910601000390	70161370000210068473
MR./MRS. LIBORIO FERRARO 288 PROVIDENCE BLVD DELTONA FL 32725-8263	813012130050	70161370000210069326
FLORIDA POWER CORP, 550 S TRYON ST DEC 41B CHARLOTTE NC 28202	910600000031 910601000341 910601000371	70161370000210068480
MS. SHELLNISHA FRANKLIN 201 ERIC JASON CT DELTONA, FL 32725	910608000060	70161370000210069333
MS. YEZMIN L FUENTES 3312 WARDER ST NW WASHINGTON, DC 20010	813052030170	70161370000210068497
MR. ALEXANDER GEKAS MS. STEPHANIE SMITH 325 MONTEGO ST DELTONA, FL 32725	813052030080	70161370000210069340
MR./MRS. SCOTT GILL 415 VALENCIA CT LONGWOOD, FL 32750	813052030070	70161370000210068510

CORINNE HOPPMANN TR EST C/O SANDRA HOPPMANN PO BOX 54607 PHOENIX, AZ 85078	813052030140	70161370000210069357
MAUDEAN JASZCZAK PO BOX 4206 ENTERPRISE, FL 32725	813012130060	70161370000210068534
MR./MRS. PETER LLISO 319 MONTEGO STREET DELTONA, FL 32725	813052030050	70161370000210069272
MR./MRS. MANUEL LOZADA 832 DEBARY AVE DELTONA, FL 32725	813012130070	70161370000210069296
MR./MRS. RONNY LUSK 341 MONTEGO ST DELTONA, FL 32725	813012130020	70161370000210069302
MARONDA HOMES INC 377 MAITLAND AVE FD112 ALTAMONTE SPRINGS, FL 32701-5406	910608000050	70161370000210069371
MR. FERENC A MIHOK, JR 221 ERIC JASON CT DELTONA, FL 32725	910608000040	70161370000210069289
NOLASIMBO ENTERPRISE LLC 2768 FOXDALE DR DELTONA, FL 32738	813052030130	70161370000210069388
MS. AIDA OLIVELLA 14715 5TH TERR NE BRADENTON, FL 34212	813052030060	70161370000210068237
MR./MRS. ISMAEL PEREZ 331 MONTEGO ST DELTONA, FL 32725	813052030110	70161370000210069395
MR. SEAN TORO 329 MONTEGO ST DELTONA, FL 32725	813052030100	70161370000210068541
MR. BENITO VELEZ 824 DOYLE RD DELTONA, FL 32738	813052030150	70161370000210069401
MS. ELSA NIEVES 961 S DEAN CR DELTONA, FL 32738	813052030090	70161370000210068527
Mayor John Masiarczyk City of Deltona 2345 Providence Blvd. Deltona, FL 32725	N/A	70161370000210068251
Jane Chang, City Manager City of Deltona 2345 Providence Blvd. Deltona, FL 32725	N/A	70161370000210068268

NOTICE TO ADJOINING PROPERTY OWNERS

December 30, 2016

Parcel no.

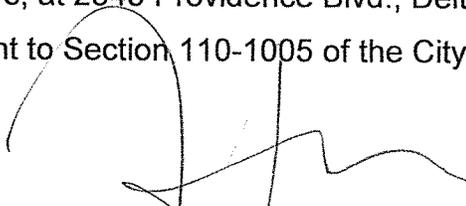
Certified Mail no.

Dear Property Owner:

This is to inform you that I have filed a motion for rehearing regarding the Deltona City Commission's decision on September 19, 2016, to deny Ordinance 30-2016, which was a request to rezone ±1.46 acres of land, as described in the enclosed legal description, from Professional Business to C-1. A copy of the motion for rehearing is enclosed herewith.

The motion will be orally presented to the Deltona City Commission on Tuesday, January 17, 2017, commencing at 6:30 p.m. or as soon thereafter as the matter may be heard, in the City Commission Chambers, at 2345 Providence Blvd., Deltona, Florida 32725.

This notice is sent to you pursuant to Section 110-1005 of the City's Code of Ordinances.



---

F. A. (ALEX) FORD, JR., attorney  
for owner/applicant  
145 E. Rich Avenue, Suite C  
DeLand, Florida 32724

Legal Description: (per Boundary and Topographic Survey prepared by Michael D. Cummins, Jr., PLS, of Cummins Surveying and Mapping, Inc., dated 5/12/2016)

Lots 2, 3, and 4, Block 1396, Deltona Lakes Unit Fifty-Two, according to the plat thereof as recorded in Map Book 28, Pages 58 and 59, Public Records of Volusia County, Florida.

And

A portion of Tract "C" and Tract "D" of Deltona Lakes Unit Fifty-Two, according to the plat thereof as recorded in Map Book 28, Pages 58 and 59, Public Records of Volusia County, Florida, being described as follows:

Beginning at the Southwest corner of Lot 2, Block 1396, of said Deltona Lakes Unit Fifty-Two; thence run South 87 degrees 00 minutes 35 seconds East, along the North line of said Tract "D", a distance of 237.13 feet to the Southeast corner of Lot 4 of said Deltona Lakes Unit Fifty-Two; thence run South 16 degrees 23 minutes 38 seconds West, 177.32 feet to the South line of said Tract "D", thence run North 89 degrees 53 minutes 06 seconds West, along the South line of said Tract "D" and the South line of said Tract "C", a distance of 130.93 feet to the Southwesterly line of said Tract "C"; thence run North 40 degrees 05 minutes 36 seconds West, along said Southwesterly line 144.85 feet; thence run South 87 degrees 00 minutes 35 seconds East, 34.23 feet to a point on the Northeasterly line of said Tract "C"; thence run North 02 degrees 33 minutes 38 seconds East, 73.27 feet to the Point of Beginning.

All of the above described property being more particularly described as follows:

Beginning at the Northwest corner of Lot 2, Block 1396, Deltona Lakes unit Fifty-Two, according to the plat thereof as recorded in Map Book 28, Pages 58 and 59, Public Records of Volusia County, Florida; thence run North 89 degrees 53 minutes 01 seconds East, along the North line of said Block 1396, a distance of 123.20 feet; thence run South 86 degrees 22 minutes 15 seconds East, along the North line of said Block 1396, a distance of 122.43 feet to the Northeast corner of Lot 4 of said Block 1396; thence run South 03 degrees 37 minutes 45 seconds West, 131.45 feet to the Southeast corner of said Lot 4; thence run South 16 degrees 23 minutes 38 seconds West, 177.32 feet to the South line of said Tract "D"; thence run North 89 degrees 53 minutes 06 seconds West along the South line of said Tract "D" and the South line of said Tract "C", a distance of 130.93 feet to the Southwesterly line of said Tract "C"; thence run North 40 degrees 05 minutes 36 seconds West along said Southwesterly line 144.85 feet; thence run South 87 degrees 00 minutes 35 seconds East, 34.23 feet to a point on the Northeasterly line of said Tract "C"; thence run North 02 degrees 33 minutes 38 seconds East, 73.27 feet to the Southwest corner of aforesaid Lot 2, Block 1396; thence run North 00 degrees 06 minutes 59 seconds West, 126.31 feet to the Point of Beginning.

Less and except those lands described in Stipulated Final Judgment recorded in O.R. Book 5970, Page 1604.

# LANDIS GRAHAM FRENCH, P.A.

ATTORNEYS AT LAW

ESTABLISHED 1902

OFFICES IN DELAND AND DAYTONA BEACH, FLORIDA

F. A. (ALEX) FORD, JR.  
145 East Rich Avenue, P.O. Box 48  
DeLand, Florida 32721-0048

TELEPHONE (386) 734-3451  
Toll Free (888) EST 1902  
Facsimile (386) 736-1350

October 3, 2016

## VIA EMAIL AND HAND DELIVERY

City of Deltona

Attention: Chris Bowley

Director of Planning and Development Services

RE: Ordinance 30-2016  
Rezoning application for 1.46 acres  
From PB to C-1

Dear Mr. Bowley:

As you know, I represent the applicant in regard to the above-referenced matter. Pursuant to Section 110-1005 of the Zoning Ordinance of the City of Deltona, please accept this as the applicant's motion for rehearing in that matter. The applicant alleges that the City Commission has overlooked or misapprehended some facts or points of law in reaching its decision to deny the application for rezoning. As the applicant for rezoning, the applicant is a party who is aggrieved by Commission's decision.

**General.** Section 110-1005, Zoning Ordinance of the City of Deltona provides for an aggrieved party to file a motion for rehearing when it believes the City Commission has made a mistake in the action it took on a rezoning. Were it not for this process, the applicant's only other recourse would be to resort to litigation in the Circuit Court. The rehearing process, contemplated by this motion, allows the City to remedy the perceived error if it finds one existed. The grounds of the motion for rehearing are that the stated bases for the City Commission's denial of the application were not supported by the competent substantial evidence that was before the commission, and that the City's action deprived the applicant of its constitutional due process rights.

### **Facts overlooked or misapprehended.**

Stated basis of motion for denial. The stated bases for denial of the application for rezoning were:

- A. The site is too constrained,
- B. There are traffic safety concerns, and
- C. The rezoning to C-1 is not compatible with the R-1 zoned area that "backs up" against the property.

None of these bases for denial are supported by the facts presented to the City Commission. Specifically, there was no competent substantial evidence supporting these findings, for reasons including but not limited to:

Constrained site. The property is not too constrained for the commercial development as allowed under the requested zoning category. In fact, the subject property is 1.46 acres. Ignoring the wetlands on the property, it is still in excess of one acre. The City of Deltona's minimum lot size for C-1 zoned property is 10,000 square feet, which is slightly under one-quarter of an acre. Thus, the City's approved minimum lot size for the zoning category sought by the applicant is substantially smaller than the property which is the subject of the application. The subject property meets the minimum lot size requirements as established by City of Deltona Zoning Ordinance. There was no competent substantial evidence of any site constraints which would make it impossible to develop the site within the requirements of the zoning or other land development code requirements. It should be noted that the applicant had filed for a variance seeking relief from certain from the City's land development requirements (specifically, landscape buffer requirements). The site plan which accompanied the variance application showed that a 10,500 ft.<sup>2</sup> commercial building could be erected on the site with a minor variance to the landscaping buffer requirements. City staff found the variance application insufficient for the very reason that the property could be developed without need for a variance, though the proposed building size might have to be reduced. The applicant withdrew the variance application before the hearing on the application for rezoning. Even without that variance, a commercial development could still take place on the property, and no competent substantial evidence was before the commission to indicate otherwise.

Traffic issues. There was no competent substantial evidence that rezoning property would create any situation which would legitimately constitute a basis for denial based upon traffic or traffic safety concerns. Specifically, the staff report indicated that Debarry Avenue currently operates at a level of service D and "ample capacity" is available to support the rezoning. It further stated that "development will have to comport to internal circulation and trip capture, ... provide for safe ingress and egress of both pedestrians and vehicles...." In other words, development would have to meet appropriate traffic safety requirements. This evidence went un-contradicted. The specific requirements for evaluation of traffic issues, as set forth in the City's land development code, did not reflect any such issues. One person speaking in opposition did purport to have conducted a "traffic study", but there was no evidence that this individual was qualified as required by the City's code (i.e., a qualified professional engineer, licensed to practice within the State of Florida). Further, that individual's "testimony" failed to demonstrate that he determined trip generation, trip distribution, traffic assignment, capacity analysis or made a determination of roadway system improvements necessitated by the development, all as provided in Section 70-30 of the City's Land Development Code. Nor did he perform an analysis of the trip generation rate for the proposed zoning in comparison to the existing zoning, or provide any analysis of the capacity of impacted roads, if any. To the extent that the commission applied standards which are outside of its adopted criteria for evaluation of traffic issues, such consideration is improper and is a denial of the applicant's fundamental right to due process.

Compatibility with Residential. There is no competent substantial evidence that rezoning the property from PB to C-1 would be incompatible with area of R-1 zoning behind the property. Moreover, the actual facts reveal quite the contrary. The property's neighbors immediately behind and to the south of the subject property are a vacant C-1 zoned property owned by Florida Power Corp. (now Duke Energy) and an approximate 100' wide recreational trail. Behind those properties

is R-1 zoned lands consisting of a large drainage retention pond owned by Volusia County, more vacant land owned by Florida Power Corp. (now Duke Energy) and park land owned by Volusia County and the City. Moreover, by definition and under the City's future land use element of its comprehensive plan, the C-1 zoning adjacent to R-1 zoning is compatible. This is evidenced by the existence of R-1 zoning next to other C-1 zoning in the immediate neighborhood, as shown on the zoning maps which were in evidence before the Commission. The facts before the City Commission showed that the C-1 zoned property adjacent to the subject property has R-1 zoning to directly the north and to the south of that parcel. It should be noted that there was no "neighborhood" opposition to the application. The only speakers in opposition were Pat Northey of 2310 Carson Ln. (over 3 miles away), Roy Walters and Sandra Walters of 480 Warrior Trail (over 1 mile away), Janet Deyette of 2451 Timbercrest Dr. (over 3 miles away), Esther Dobens of 1347 East Normandy Blvd. (over 1 mile away), Carol Aymar of 1328 Sioux Trail (over 1 mile away), and Ed Sullivan 165 Oakley Dr. (over ½ mile away). None of the speakers provided competent substantial evidence that the rezoning would adversely affect the R-1 zoned property behind the subject property.<sup>1</sup> In fact, none of them proffered sufficient evidence to show they even had legal standing to object to the rezoning due to their failure to show an adverse impact on their properties or other factual basis supporting standing.

Planning Board recommendation. The Commission was also under the incorrect perception that the planning and zoning Board had recommended denial of this application by a vote of 5 to 2. The actual motion was for approval, and that vote failed 3 to 2. Only 6 members of the Board were present, and one member declared a conflict of interest because he owns property near the proposed location. The minutes of the planning Board do not reflect a motion to deny was made.

Due Process denial. The City Commission denied the applicant its constitutional rights of due process. Vice Mayor Nabicht made a motion for denial of the application, seconded by Commissioner Honaker. This motion was made and seconded prior to the applicant even being permitted to present its side of the case. Therefore, it was procedurally inappropriate. Further, at that point in the meeting the only evidence before the City Commission supported the application and no evidence had been introduced supporting the alleged bases for denial. The only evidence before the Commission at the time the motion was made consisted of the written staff report and agenda package, the oral report presented by staff, and, possibly, the minutes from the planning and zoning Board's action on this application. None of this evidence provided competent, substantial evidence in support of the stated bases for denial. Apparently, the factual basis for the motion, if any, was taken outside of the public hearing on this matter, and no disclosure of any such acceptance of ex parte information was provided to applicant. As a result of the foregoing, the applicant was denied its constitutional rights of due process.

---

<sup>1</sup> Some of the objecting parties gave lay testimony that the rezoning of the property to C-1 would not be compatible with the "Enterprise Overlay." However, the evidence clearly demonstrated that the applicant would be required to develop the property in accordance with the City's commercial development standards under the Enterprise Commercial Overlay district as set forth in Section 110-320 of the City's Land Development Code.

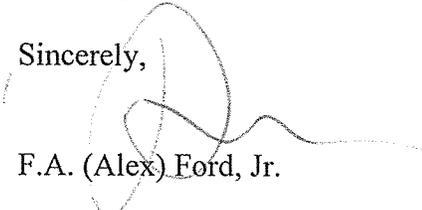
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As always, I look forward to working with you in this regard.

Sincerely,



F.A. (Alex) Ford, Jr.

FAFjr/jh

cc: Client

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**& RICON TRUST**  
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**832 DEBARY AVE**  
**DELTONA, FL 32725**

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**900 WEST 25TH STREET**  
**SANFORD FL 32771**

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**DELAND FL 32720-4253**

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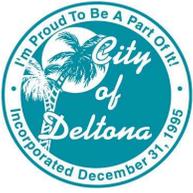
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## Agenda Memo

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**AGENDA ITEM: C.**

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 9 - C

**SUBJECT:**

Public Hearing - Ordinance No. 32-2016, Rezoning ±1.67 acres located at 3151 Howland Blvd. from C-2 (General Commercial) to C-1 (Retail Commercial), at second and final reading - Ron A. Paradise, Assistant Director, Planning and Development Services (386) 878-8610.

Strategic Goal: Economic Development - focus on Howland Blvd. as a gateway for commercial growth.

**LOCATION:**

The property is located at 3151 Howland Blvd., east of the intersection of Wolfpack Run and Howland Blvd.

**BACKGROUND:**

The subject property is known as the Jena Medical development (Jena Medical) complex and was used to house the Health Department offices. Jena Medical consists of three (3) office buildings surrounding by a parking lot. The facility now has vacant leasable area that has been difficult to fill. Therefore, the owner is requesting the property be rezoned from C-2 to C-1 to allow for a house of worship as a permitted use, which is interested in becoming a tenant. No daycare facility or other ancillary uses potentially associated with churches are planned.

The requested C-1 zoning is consistent with the Comprehensive Plan, does not result in the creation of non-conforming uses and structures, and is compatible with existing commercial and institutional land uses (Deltona High School, four houses of worship) in the immediate area. For more information, including graphics, see the attached staff report. Through this action, the entire site is proposed to be rezoned. The Planning & Zoning Board voted unanimously (5-0) on November 16, 2016, to recommend City Commission adoption of the ordinance and the City Commission voted 6-1 at their December 12, 2016, public hearing to approve Ordinance No. 32-2016.

**COST:**

N/A

**SOURCE OF FUNDS:**

N/A

**ORIGINATING DEPARTMENT:**

Planning and Development Services

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**AGENDA ITEM: C.**

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**STAFF RECOMMENDATION PRESENTED BY:**

Ron A. Paradise, Assistant Director - Staff recommends that the City Commission adopt Ordinance No. 32-2016, rezoning ±1.67 acres located at 3151 Howland Blvd. from C-2 (General Commercial) to C-1 (Retail Commercial), at second and final reading.

**POTENTIAL MOTION:**

“I hereby move to adopt Ordinance No. 32-2016, rezoning ±1.67 acres located at 3151 Howland Blvd. from C-2 (General Commercial) to C-1 (Retail Commercial), at second and final reading.”

**ORDINANCE NO. 32-2016**

**AN ORDINANCE OF THE CITY OF DELTONA, FLORIDA,  
AMENDING THE OFFICIAL ZONING MAP PURSUANT TO  
CHAPTER 110, SECTION 1101, OF THE CITY CODE OF  
ORDINANCES FOR THE PROPERTY LOCATED AT 3151  
HOWLAND BOULEVARD FROM GENERAL COMMERCIAL (C-2)  
TO RETAIL COMMERCIAL (C-1); PROVIDING FOR CONFLICTS,  
SEVERABILITY, AND EFFECTIVE DATE.**

---

**WHEREAS**, the City has received an application to amend the zoning for the property located at 3151 Howland Boulevard, legally described as follows: Begin At The Southwest Corner Of The Southeast 1/4 Of The Northwest 1/4 Of Section 8, Township 18 South, Range 31 East; Thence Run North 01 Degrees 15 Minutes 35 Seconds West 2262.68 Feet To The Southerly Right-Of-Way Line Of State Road 444, Thence Run Easterly Along Said Right-Of-Way Line 295.17 Feet To The Point Of Beginning; Thence Run North 88 Degrees 44 Minutes 00 Seconds East 200 Feet; Thence Run South 01 Degrees 16 Minutes 00 Seconds East 1100 Feet Thence Run South 88 Degrees 44 Minutes 00 Seconds West 200 Feet; Thence Run North 01 Degrees 16 Minutes 00 Seconds West 1100 Feet To The Point Of Beginning. (Less The Southerly 440 Feet Thereof.) from General Commercial (C-2) to Retail Commercial (C-1); and

**WHEREAS**, the City of Deltona, Florida and its Land Planning Agency have complied with the requirements of the Municipal Home Rule Powers Act, sections 166.011 et. seq., Florida Statutes, in considering the proposed rezoning from General Commercial (C-2) to Retail Commercial (C-1); and

**WHEREAS**, after said public hearing, the City Commission of the City of Deltona, Florida, has determined that the C-1 zoning is consistent with the Comprehensive Plan of the City of Deltona, Florida.

**NOW, THEREFORE, BE IT ENACTED BY THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA, as follows:**

**Section 1.** Located in the City of Deltona, Florida, the zoning for the following property is hereby amended to C-1: Begin At The Southwest Corner Of The Southeast 1/4 Of The Northwest 1/4 Of Section 8, Township 18 South, Range 31 East; Thence Run North 01 Degrees 15 Minutes 35 Seconds West 2262.68 Feet To The Southerly Right-Of-Way Line Of State Road 444, Thence Run Easterly Along Said Right-Of-Way Line 295.17 Feet To The Point Of

Beginning; Thence Run North 88 Degrees 44 Minutes 00 Seconds East 200 Feet; Thence Run South 01 Degrees 16 Minutes 00 Seconds East 1100 Feet Thence Run South 88 Degrees 44 Minutes 00 Seconds West 200 Feet; Thence Run North 01 Degrees 16 Minutes 00 Seconds West 1100 Feet To The Point Of Beginning. (Less The Southerly 440 Feet Thereof.)

**Section 2.** This Ordinance is adopted in conformity with and pursuant to the Comprehensive Plan of the City of Deltona, the Local Planning and Land Development Act, Sections 163.161 et. seq., Florida Statutes, and the Municipal Home Rule Powers Act et. seq., Florida Statutes.

**Section 3.** Conflicts. Any and all Ordinances or parts of Ordinances in conflict herewith are hereby repealed.

**Section 4.** Severability. If any provision of this Ordinance or the application thereof to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications of the Ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this Ordinance are declared severable.

**Section 5.** Effective Date. This Ordinance shall take effect immediately upon its final adoption by the City Commission.

**PASSED AND ADOPTED BY THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2017.**

First Reading: \_\_\_\_\_

Advertised: \_\_\_\_\_

Second Reading: \_\_\_\_\_

BY: \_\_\_\_\_  
JOHN C. MASIARCZYK, SR., Mayor

ATTEST:

\_\_\_\_\_  
JOYCE RAFTERY, CMC, MMC, City Clerk

Approved as to form and legality  
for use and reliance of the City of  
Deltona, Florida

---

GRETCHEN R. H. VOSE, City Attorney



# Staff Report

**To:** Planning and Zoning Board  
**From:** Scott McGrath, CFM  
**Date:** October 25, 2016  
**Re:** Ordinance No. 32-2016, 3151 Howland Boulevard, RZ16-003

---

## A. Summary of Application:

**Applicant:** AB & J LLC.

David K. Yoon, Managing Member  
926 Saxon Blvd.  
Orange City, FL 32763

### **Request:**

**Tax Parcel No.:** 8108-00-00-0051

**Property Acreage:** ± 1.67 Acres

**Property Location:** 3151 Howland Boulevard

**Legal Description:** Begin At The Southwest Corner Of The Southeast 1/4 Of The Northwest 1/4 Of Section 8, Township 18 South, Range 31 East; Thence Run North 01 Degrees 15 Minutes 35 Seconds West 2262.68 Feet To The Southerly Right-Of-Way Line Of State Road 444, Thence Run Easterly Along Said Right-Of-Way Line 295.17 Feet To The Point Of Beginning; Thence Run North 88 Degrees 44 Minutes 00 Seconds East 200 Feet; Thence Run South 01 Degrees 16 Minutes 00 Seconds East 1100 Feet Thence Run South 88 Degrees 44 Minutes 00 Seconds West 200 Feet; Thence Run North 01 Degrees 16 Minutes 00 Seconds West 1100 Feet To The Point Of Beginning. (Less The Southerly 440 Feet Thereof.)

**B. Existing Zoning:** General Commercial C-2

**C. Background:** The City has received an application to rezone 1.67+/- acres located east of the intersection of Wolf Pack Run and Howland Boulevard. This property is commonly known as

the Jena Medical Building or Health Department building. The subject property is currently zoned C-2. The applicant is seeking the C-1 zoning to allow a house of worship, a church is interested in renting one of the suites.

#### **D. Support Information**

##### **Public Facilities:**

- a. Potable Water: to is supplied by Volusia County
- b. Sanitary Sewer: to is supplied by Volusia County
- c. Fire Protection: Deltona Fire Station 65
- d. Law Enforcement: Volusia County Sheriff's Office (VCSO)
- e. Electricity: Duke Energy

#### **E. Matters for Consideration:**

Section 110-1101, Code of City Ordinances, states that the City shall consider the following matters when reviewing applications for amendments to the Official Zoning Map:

##### **1. Whether it is consistent with all adopted elements of the Comprehensive Plan.**

The Future Land Use Category for the property is Commercial (C). According to the Land Use/Zoning Matrix (Table 110-16), the proposed C-1 zoning is a preferred and compatible zoning classification that could be applied to land designated with the Commercial Land Use category.

##### ***OBJECTIVE FLUI-7***

*The City of Deltona shall appropriately allocate land uses to adequately meet the current and future population needs while maximizing land use compatibility. The City shall promote a variety of land uses including residential, commercial, industrial, pedestrian oriented mixed-use, recreational, conservation, and public facilities. 9J-5.006(3)(b)(1)*

The owner has had significant difficulty leasing the space. Amending the zoning of the subject property allows the owner increased flexibility to meet market demand for commercial space to meet the current needs of the population.

##### **2. Its impact upon the environment or natural resources.**

The subject property is developed with three commercial buildings. No changes to the existing development are planned at this time. The development will not affect the environment or natural resources.

According to the current official FEMA FIRM maps (dated 2/19/2014), the site is free of the 100-Year Flood Plain.

**3. Its impact upon the economy of any affected area.**

The proposed zoning amendment will have little to no effect on the area. This amendment will change the principal permitted uses slightly and would allow a house of worship to locate in one of the suites. A house of worship not allowed in the existing C-2 zoning.

**4. Notwithstanding the provisions of Article XIV of the Land Development Code, Ordinance No. 92-25 [Chapter 86, Code of Ordinances] as it may be amended from time to time, its impact upon necessary governmental services, such as schools, sewage disposal, potable water, drainage, fire and police protection, solid waste or transportation systems.**

- a. **Schools:** The zoning amendment will not have a negative impact on the local schools or school district
- b. **Sewage Disposal:** The proposed development is already connected to Volusia County sewers. Ample capacity is available.
- c. **Potable Water:** The proposed development is already connected to Volusia County water. Ample capacity is available.
- d. **Drainage:** All stormwater will be stored on site through a combination of underground vault storage system and an open retention/detention area.
- e. **Transportation Systems:** The subject property is already developed with three commercial units. No changes to the existing development are planned at this time. This amendment will have minimal, if any impacts on the City's transportation system.

**5. Any changes in circumstances or conditions affecting the area:**

In the last 5-10 years the western portion of Howland Boulevard has seen an increase in commercial development. Development has been slow but steady, with about one new commercial development each year. Most of the new development falls into the C-1 and C-2 category, compatible with this amendment request. Therefore the request for C-1 zoning is appropriate.

The property is located in the vicinity of numerous institutional uses: a school and 4 houses of worship. Therefore supplemental separation requirements should have

no impact on the future development of the properties located near the subject property.

**6. Any mistakes in the original classification:**

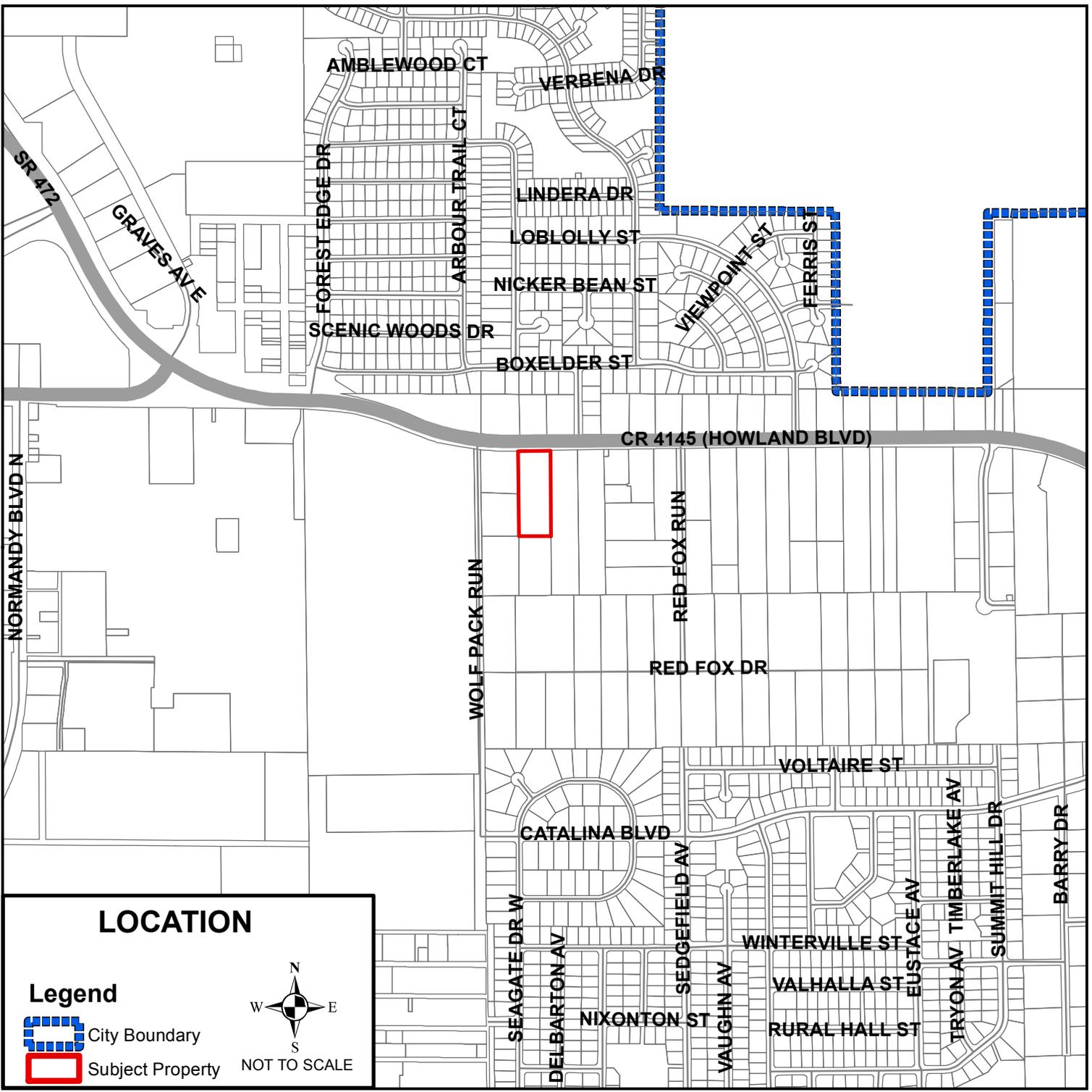
No known mistakes.

**7. Its effect upon the public health, welfare, safety, or morals.**

The site is developed and little will change by amending the zoning for this site. Staff finds that the change from C-2 to C-1 will have no negative effects on the public health, welfare, safety or morals of the City.

**CONCLUSION/STAFF RECOMMENDATION:**

The proposed rezoning is consistent with the Comprehensive Plan and will have no negative affect on existing public infrastructure (roads, central water and sewer). Staff recommends that the Planning and Zoning Board recommended approval to the City Commission of RZ16-003 and Ordinance No. 32-2016.



# LOCATION

## Legend



City Boundary



Subject Property



NOT TO SCALE

CR 4145 (HOWLAND BLVD)

WOLF PACK RUN



## AERIAL PHOTO

### Legend



City Boundary

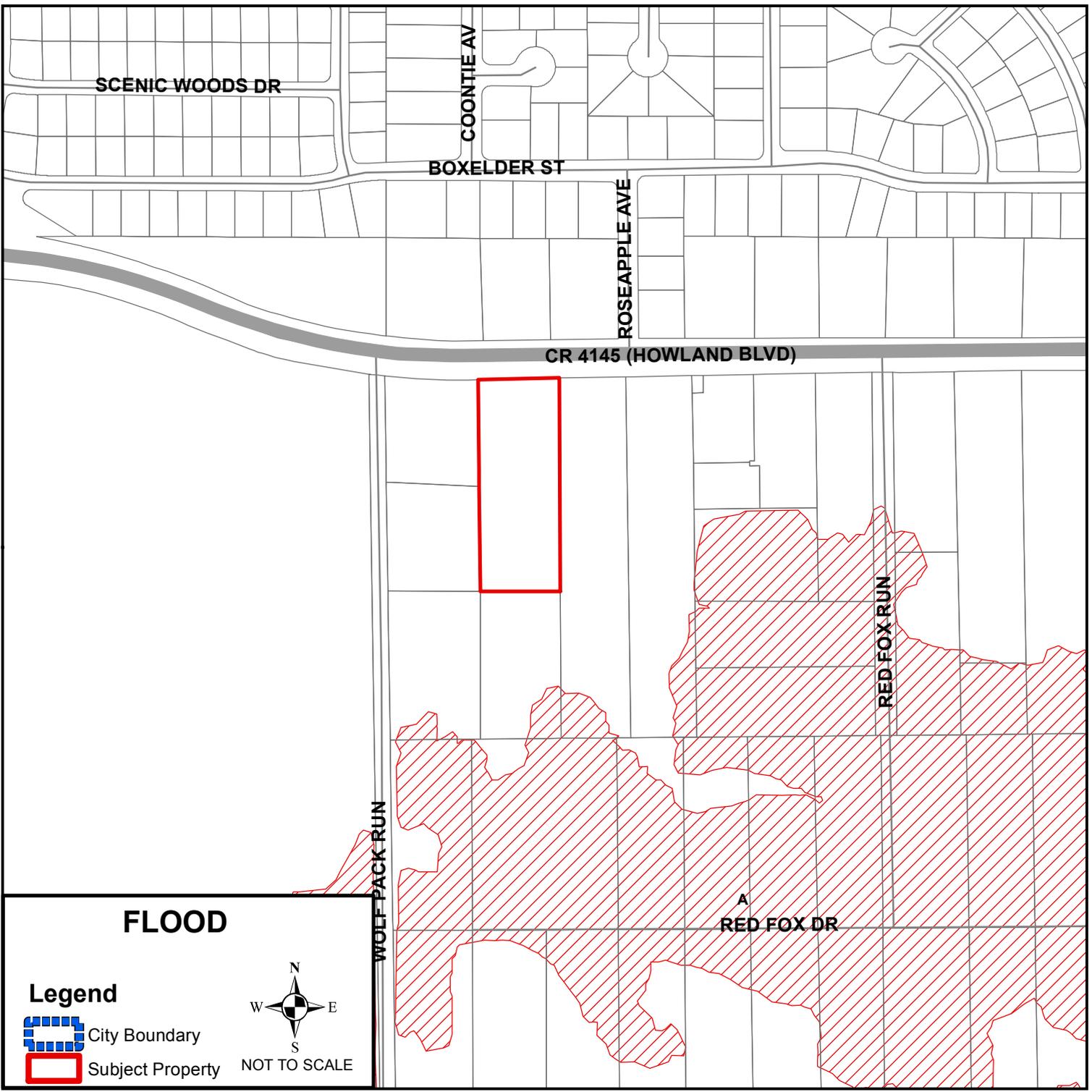


Subject Property



NOT TO SCALE





SCENIC WOODS DR

COONTIE AV

BOXELDER ST

ROSEAPPLE AVE

CR 4145 (HOWLAND BLVD)

RED FOX RUN

WOLF PACK RUN

A  
RED FOX DR

# FLOOD

## Legend



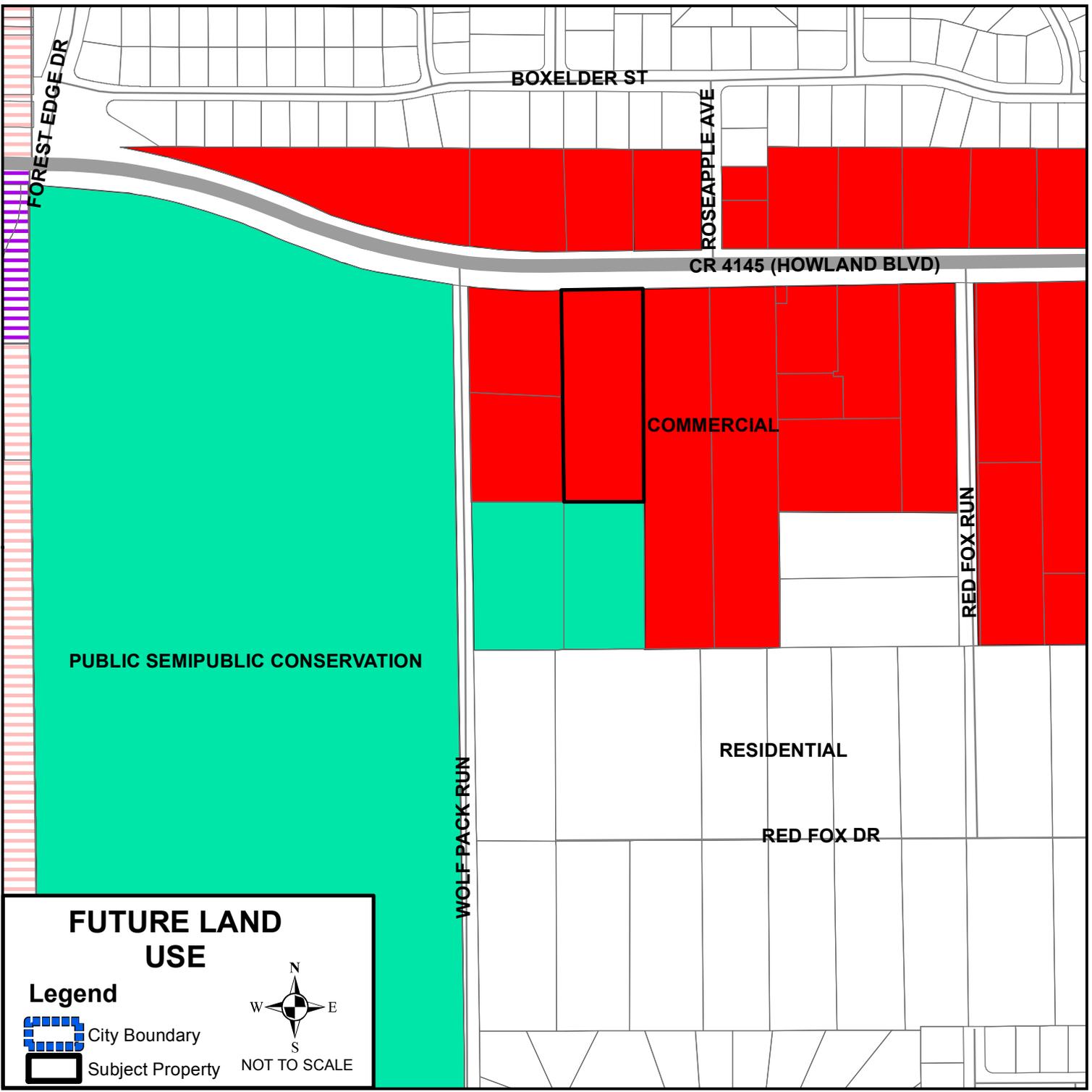
City Boundary



Subject Property



NOT TO SCALE



FOREST EDGE DR

BOXELDER ST

ROSEAPPLE AVE

CR 4145 (HOWLAND BLVD)

COMMERCIAL

RED FOX RUN

RESIDENTIAL

RED FOX DR

WOLF PACK RUN

PUBLIC SEMIPUBLIC CONSERVATION

### FUTURE LAND USE

#### Legend



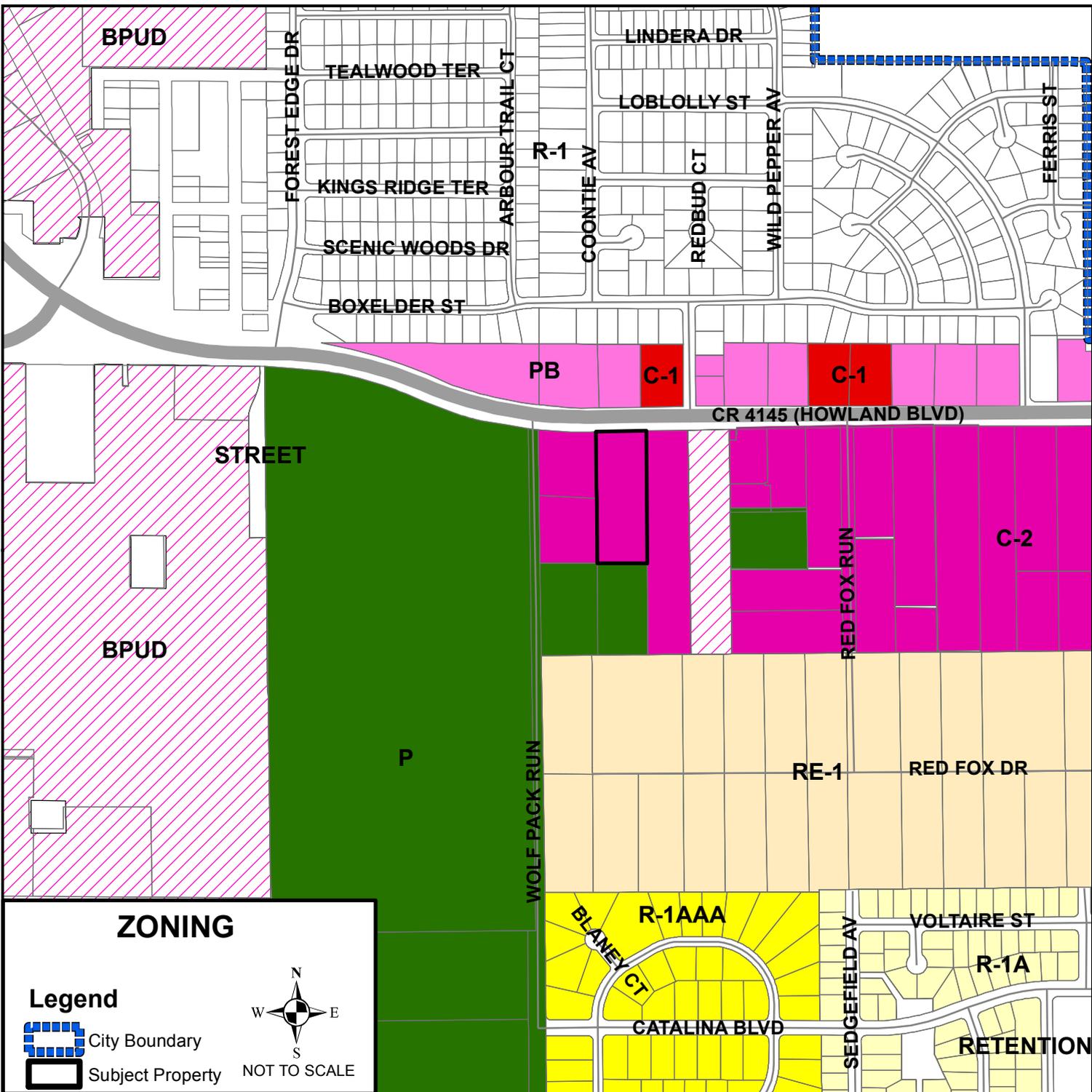
City Boundary



Subject Property



NOT TO SCALE



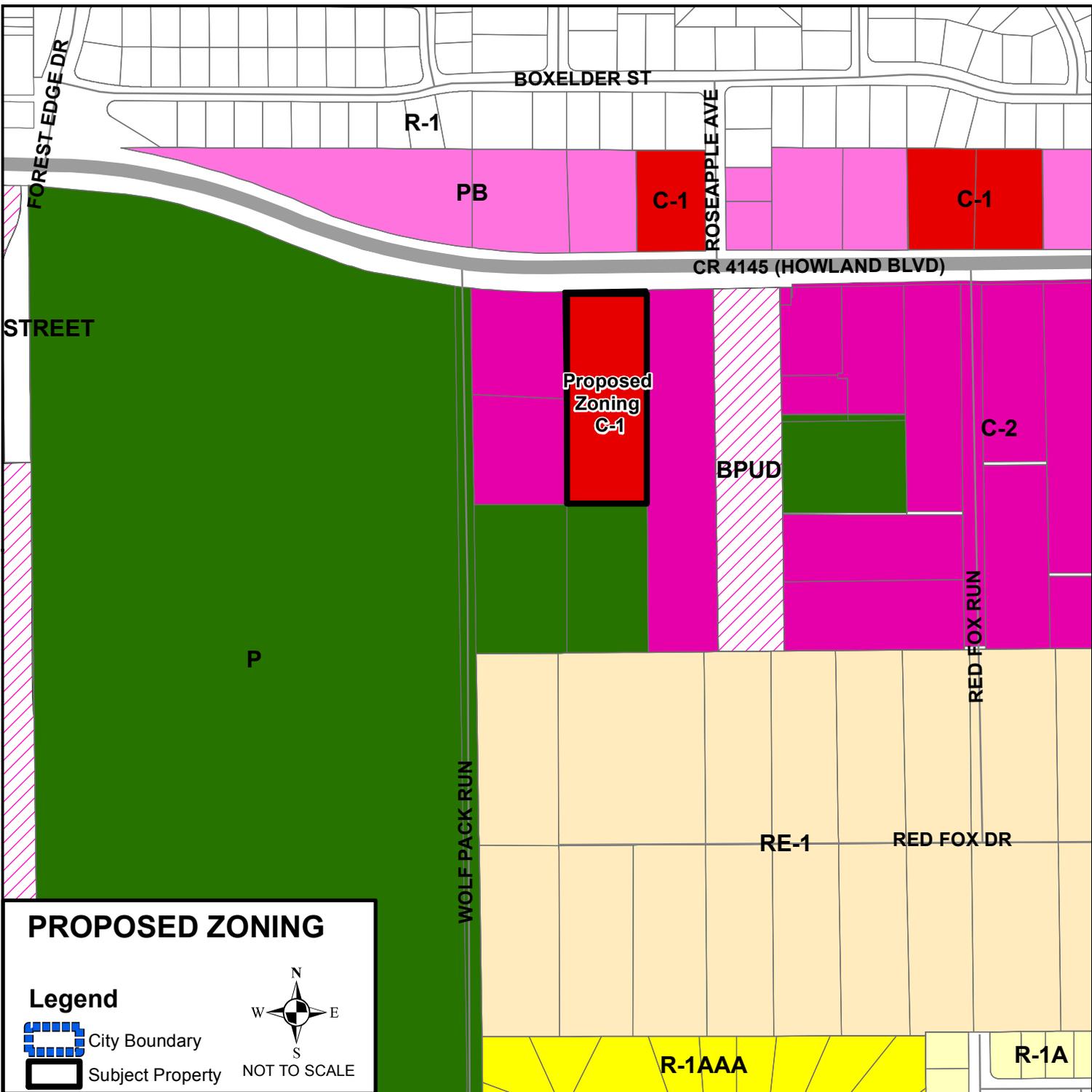
### ZONING

**Legend**

-  City Boundary
-  Subject Property



NOT TO SCALE



FOREST EDGE DR

BOXELDER ST

R-1

ROSEAPPLE AVE

PB

C-1

C-1

CR 4145 (HOWLAND BLVD)

STREET

Proposed  
Zoning  
C-1

BPUD

C-2

P

RED FOX RUN

WOLF PACK RUN

RE-1

RED FOX DR

# PROPOSED ZONING

## Legend



City Boundary



Subject Property



NOT TO SCALE

R-1AAA

R-1A



## Agenda Memo

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### AGENDA ITEM: D.

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 9 - D

**SUBJECT:**

Public Hearing - Ordinance No. 34-2016, Amending the Comprehensive Plan of the City of Deltona Capital Improvements Element, at first reading - Ron Paradise, Assistant Director, Planning and Development Services, (386) 878-8610.

Strategic Goal: Infrastructure - create a utility master plan consistent with zoning.

**LOCATION:**

Citywide

**BACKGROUND:**

Pursuant to Chapter 163.3177(3)(b) F.S., the Capital Improvements Element (CIE) in the City's Comprehensive Plan must be reviewed and updated on an annual basis. The proposed amendment provides for the replacement of the Capital Improvements Project sheets (in strike-through/underline format) through the adoption of the CIE report and submittal to the Florida Department of Economic Opportunity (DEO).

Staff reviewed the current class "A" concurrency items and summarized expenditures/funds carried over for the next five (5) years to ensure compliance with the adopted level of service (LOS) standards. All financial and budgetary information in this CIE report was derived from the most recently adopted City budget. Finally, the Planning and Zoning Board reviewed Ordinance No. 34-2016 and CIE report at their December 21, 2016, meeting and voted unanimously (6-0) to recommend that the City Commission adopt Ordinance No. 34-2016.

**COST:**

N/A

**SOURCE OF FUNDS:**

N/A

**ORIGINATING DEPARTMENT:**

Planning and Development Services

**STAFF RECOMMENDATION PRESENTED BY:**

Ron Paradise, Assistant Director, Planning and Development Services - Staff recommends that the City Commission approve Ordinance No. 34-2016 to amend the CIE and to replace the Capital Improvements Project sheets, at first reading.

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**AGENDA ITEM: D.**

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**POTENTIAL MOTION:**

“I hereby move to approve Ordinance No. 34-2016 to amend the Capital Improvements Element and to replace the Capital Improvements Project sheets, at first reading.”

**ORDINANCE NO. 34-2016**

**AN ORDINANCE OF THE CITY OF DELTONA, FLORIDA, AMENDING THE COMPREHENSIVE PLAN OF THE CITY OF DELTONA, BY AMENDING THE CAPITAL IMPROVEMENTS ELEMENT PROVIDING FOR THE REPLACEMENT OF THE CAPITAL IMPROVEMENT PROJECT SHEETS; FINDING CONFORMITY WITH STATE STATUTES; PROVIDING FOR SEVERABILITY; PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, the City of Deltona is required to annually review and modify, as necessary, its Capital Improvements Element; and

**WHEREAS**, the City of Deltona has reviewed its Capital Improvements Element and determined it is necessary to update the Five Year Schedule of Capital Improvements contained therein.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA:**

**SECTION ONE:** Comprehensive Plan Amendments. The Five Year Schedule of Capital Improvements section of the Capital Improvement Element is hereby amended, as set forth in attachment "A" hereto.

**SECTION TWO: SEVERABILITY.** Upon a determination by a court of competent jurisdiction that a portion of this Ordinance or the Comprehensive Plan adopted hereby is void, unconstitutional, or unenforceable, all remaining portions shall remain in full force and effect.

**SECTION THREE: EFFECTIVE DATE.** This Ordinance shall take effect immediately upon its final adoption by the City Commission.

**PASSED AND ADOPTED BY THE CITY COMMISSION OF THE CITY OF  
DELTONA, FLORIDA, THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 2017.**

First Reading: \_\_\_\_\_

Advertised: \_\_\_\_\_

Second Reading: \_\_\_\_\_

\_\_\_\_\_  
JOHN C. MASIARCZYK, SR., Mayor

ATTEST:

\_\_\_\_\_  
JOYCE RAFTERY, CMC, MMC, City Clerk

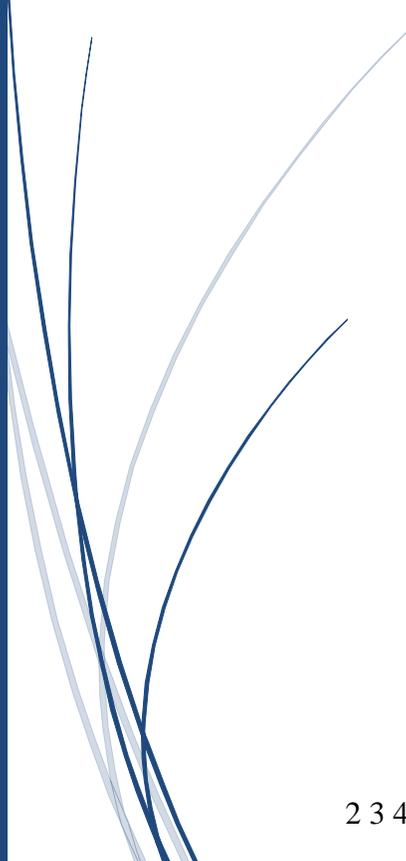
Approved as to form and legality for use  
and reliance of the City of Deltona,  
Florida:

\_\_\_\_\_  
GRETCHEN R.H. VOSE, City Attorney

CITY OF DELTONA

# CIE REPORT

Fiscal Year 2016-2017



Planning and Development Services  
2345 Providence Blvd, Deltona, FL 32725

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## INTRODUCTION

The Capital Improvements Element (CIE) evaluates the capital facilities and level of service thresholds needed to support the City and implement the Comprehensive Plan.

The City's Comprehensive Plan CIE Policy CIE1-2.13 states the following: "The Five Year program of scheduled capital improvements shall be reviewed and updated annually by the City Manager. This annual review and update shall be integrated into the City's annual budget process, complete with time tables and a deadline for specific tasks in the City's operating budget process recognizing direct expenditures for capital improvements of element of the comprehensive plan. The Capital Improvements Element document shall be completed subsequent to the completion of the annual budget document."

According to the above policy, the City's Capital Improvements Element ensures compliance with adopted level of service standards for public facilities and other projected needs and services. Pursuant to State law, local governments have a degree of flexibility with regard to the management of public services. For example, the method in which traffic is managed on non-State roads is basically a decision left to the local government. However, the City of Deltona utilizes a traditional level of service (LOS) approach to ensure that capacity is available for various public services that include solid waste, park land, roads, drainage, potable water, wastewater and schools.

The most up to date population figures for the City of Deltona, promulgated by the Bureau of Economic and Business Research (BEBR), indicate that in 2016 the City had a population of 88,922. In the past, the City has used population projections adopted in 2007 as part of the Evaluation and Appraisal Report (EAR) to help determine growth rates. The 2007 population projections were generated by the Shimberg Center for Housing (Shimberg). Utilizing the EAR population projections, in 2025, the City is projected to have a population of 132,605 which is a potential over projection. This projection was based on the 2000 Census and growth rates that were derived during the real estate boom. From a historical standpoint, population growth within Deltona has been brisk. The City grew an average of 3.67% per year between 1990 and 2000. Growth continued from 2000 to 2007 at an average rate of 3.4% per year. Using population projection data illustrated in the EAR, the City is expected to grow at an average rate of 2.9% per year from present to the end of the current planning period. As has been stated, relatively high growth rates have been a norm for the City for over 17 years, but according to recent population projections, City population is leveling out. Past migration and future population projections indicate the City will still grow, just not quite as fast as it has in the past.

A review of the most recent population projections for the City prepared by the Shimberg Center for Housing indicates slower population growth rates will be the norm throughout the 2025 planning horizon, thus confirming the statement that the "City will grow, just not as fast as it has in the past." The latest Shimberg population projections were consulted as part of initial efforts to update the City Comprehensive Plan, per the next City Evaluation and Appraisal Report (EAR) process. To foreshadow future events, the City will be working on the EAR project to update the Comprehensive Plan starting in 2016. The first benchmark for the EAR is a letter of intent which will be submitted to the Florida Department of Economic Opportunity by October of 2017.

YEAR	POPULATION
2016*	88,922
2017	91,145
2018	93,424
2019	95,759
2020	98,153
2021	100,607

*\*Population estimates for April 1, 2016, prepared by the University of Florida, Bureau of Economic and Business Research (BEBR).*

**LEVEL OF SERVICE**

**SECTION 1**

## LOS - SOLID WASTE

The City has a trash hauling contract with the firm Waste Pro. The contract extends to the end of 2019. Waste Pro is the only vendor responsible for the collection and disposal of solid waste generated from single family dwellings and municipal facilities. Commercial and other non-residential uses contract privately for trash removal. Waste Pro is also responsible for the hauling of recyclables. Recyclable materials are delivered to the Sanford Recycle and Transfer station in Sanford, FL. In the past, the City has derived income from recyclables and that money was utilized to fund college scholarships for eligible students within the City. Currently with the low price of commodities, the City has not been able to generate excess money beyond covering the cost of hauling.

City household trash and yard debris is trucked to the West Volusia County Transfer Station where it is either mulched or taken to the County Tomoka Landfill. The Tomoka Landfill complex is a regional facility and accepts trash from various entities, including most of the unincorporated and incorporated areas of Volusia County and Flagler County. The current County landfill cell, referred to as the “north cell” will last until 2021. The attached letter (**Appendix B**), obtained from Volusia County, indicates capacity exists within the various phases of the “north cell” of the Tomoka Land Fill complex to accept the Deltona solid waste stream until 2021.

Based on the fact that the City hauler is responsible for only residential trash, determining if the City has achieved its stated 8.6 pounds per capita per day LOS is limited to best available data. Research regarding waste management activities in the City reveals that the solid waste stream has slightly decreased from 2.76 to 2.72 pounds per capita per day. Also, 11% of the solid waste stream is being recycled, up from 8% last year.

The increase in recycling is interesting to note and can be explained, in part, by recent changes to the City Code regarding how household trash is managed at the single family dwelling unit level. In an effort to improve the aesthetic character of the City, the City passed regulations limiting the number and type of trashcans a single family dwelling could deploy for trash pick-up. Furthermore, all trash was required to be deposited in a trashcan with the lid closed. However, there was no limit placed on the number of recycling bins a household could put out for disposal and the City distributed recycling bins for free. In addition, education efforts associated with the implementation of the residential trash management regulations involved explaining how recycling could help preserve trashcan capacity. While the goal of the trash management regulations was to improve aesthetics, a very welcome development was increased recycling activity. The decrease in the per capita, per day solid waste stream is attributed to almost 900,000 pounds less yard waste collected in fiscal year 2015-2016 compared to fiscal year 2014-2015. The significant reduction of yard waste occurred notwithstanding the City, under the above mentioned changes to the residential trash management regulations, allowed more yard trash per household to be picked up on a weekly schedule. The reduction in yard waste is probably because the 2016 weather pattern was drier than in 2015.

Combining the known residential and unknown non-residential trash generation rates, the City will not achieve the 8.6 pounds per day level of service threshold articulated by the Comprehensive Plan. However, in light of the fact the solid waste stream originating from the City is properly managed, the idea of attempting to achieve what may be a high LOS standard is somewhat ludicrous. Less trash generation and more recycling is generally considered to be a positive attribute. The 8.6 pounds per day per capita cited in the City Plan was carried over from the County Comprehensive Plan. Within unincorporated Volusia County, there are many different land uses and each is associated with different trash generation rates. As has been mentioned, Deltona is comprised mostly of residential uses. Therefore, the City will continue to maintain the existing LOS even though in the projected CIE timeframe, the City will not meet the LOS due to other generation rates.

Waste management costs have been stable over the last year. The lower price of fuel has made hauling cheaper. Currently, waste management costs each dwelling \$14.50 per month. The charge is assessed on the homeowner tax bill and paid yearly. There are provisions in the contract for slight increases. Regardless of any cost increases consistent with the contract, the cost of trash pick-up will continue to be paid directly by homeowners and trash will be managed accordingly.

The first table below (*table 3.1*) illustrates the existing Comprehensive Plan solid waste stream LOS. Table 3.2 serves as a 5 year projection of the solid waste stream as population within the City grows.

**Table 3.1**

FACILITY TYPE	ADOPTED LOS	SOURCE
Solid Waste	8.6 pounds per capita per day	Infrastructure Element Objective I3-SW3, Policy I3-SW3.1

**Table 3.2**

FISCAL YEAR	SOLID WASTE POUNDS PER YEAR	RECYCLING POUNDS PER YEAR	YARD WASTE POUNDS PER YEAR	TOTAL POUNDS	POUNDS PER CAPITA PER DAY
2015-2016	67,779,580.00	7,339,760.00	13,200,160.00	88,319,500.00	2.72
2016-2017	69,474,031.39	7,523,249.87	13,530,156.58	90,527,437.84	2.72
2017-2018	71,211,168.01	7,711,362.07	13,868,466.16	92,790,996.24	2.72
2018-2019	72,990,989.87	7,904,096.60	14,215,088.75	95,110,175.22	2.72
2019-2020	74,815,783.67	8,101,701.08	14,570,469.68	97,487,954.43	2.72
2020-2021	76,686,311.66	8,304,258.05	14,934,757.40	99,925,327.10	2.72

**LOS - PARKS AND RECREATION**

The City of Deltona Comprehensive Plan has established a minimum level of service for developed park and recreational lands. The LOS is expressed as developed acres per 1,000 residents. In addition, the LOS is programmed to incrementally increase every year throughout the planning horizon. In 2015, the City Park and Recreation LOS increased to 3.00 developed acres per thousand residents. The City has 665.9 acres of developed park land available for City residents. The City has another 309.9 acres of undeveloped land available for park use.

The City Comprehensive Plan articulates the following criteria/definition with regard to determining if a park is considered developed: “The term developed park and recreational land shall mean that typically 50% of the total project site is usable for passive or active recreational purposes. For individual park or open space sites that amount of developed land will vary due to the purpose of the park site, or environmental, site and social conditions.”

“Developed” parks within the City range in size from the 360-acre Lyonia Preserve to small “pocket” parks that serve individual neighborhoods. The aforementioned Lyonia Preserve is a passive park that is developed and made accessible with a network of interpretive trails and is managed by Volusia County. Other “developed” parks in the City include active uses, such as ball fields, play grounds, etc. The active parks are managed by the City of Deltona.

Table 4.1 indicates the Park Level of Service (LOS). Table 4.2 illustrates that the City has met the level of service threshold articulated within the Comprehensive Plan.

**Table 4.1**

FACILITY TYPE	BY YEAR	ADOPTED LOS*	INCREMENTAL INCREASE**	SOURCE
Parks and Recreation	2010	2.60	69.63 acres (2005-2010)	Parks and Recreation Element Objective PR1-1 Policy PR1-1.2
	2015	3.00	72.09 + 7.61 acres (2010 - 2015)	
	2025	3.50	93.84 acres by & dev. (2015-2025)	

**Table 4.2**

YEAR	POPULATION	Total Acreage Developed Parks	Achieved LOS	Surplus	Adopted LOS	Total Acreage Developed & Undeveloped Parks
2016 <sup>1</sup>	88,922	666	7.49	355.05	3.05	975.90
2017	91,145	666	7.31	383.45	3.10	975.90
2018	93,424	666	7.13	371.71	3.15	975.90
2019	95,759	666	6.95	359.57	3.20	975.90
2020	98,153	666	6.79	347.00	3.25	975.90
2021	100,607	666	6.62	334.00	3.30	975.90

\*Developed Acres per 1000 Residents \*\*Additional Needed Developed Park Land

<sup>1</sup>Population estimates for April 1, 2016, prepared by the University of Florida, Bureau of Economic and Business Research (BEBR) 2016 - 2021 population projections based on a growth average of 2.50% per year.

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## POTABLE WATER - RESIDENTIAL UNITS

The City of Deltona Comprehensive Plan, Infrastructure Element (Potable Water) policy II-PW1.1, states: “The City of Deltona adopts a level of service standard providing for an annual average daily volume of 300 gallons of potable water per equivalent residential unit.” Water use in the City has gone up from 186 gallons of water per ERU per day during the last CIE update to 190 gallons of water per ERU per day. The increase in water use was probably driven by irrigation activities throughout the year in response to dry conditions. The City has been providing a level of service below the cited 300 gallons per day per ERU. Less water usage is considered a positive development and the City has the capacity to provide 190 gallons of water per day per ERU. While the City does have adequate water capacity and an ability to serve, the City continues to invest in improving the potable water system. The City is in the process of upgrading wells and installing new and sometimes larger pipes. A water line along a segment of the Normandy corridor is being upsized.

The City plans to offset the use of potable water by making reuse water more available. Therefore, the City has finished work on a complex of stormwater/wastewater percolation ponds on 32 acres of a 122-acre site owned by the City. The concept, known as rapid infiltration basins (RIB), involves the percolation of treated wastewater to replenish the aquifer and the basins are, also supply an expanded water reuse network within the City.

To further facilitate the distribution of reuse water, the City is continuing to activate City reuse water infrastructure within several newer subdivisions. The City is also making reuse water interconnections with other service providers in the area including Volusia County, Orange City, and Deland. To serve one house with reuse water, the wastewater flow from approximately four (4) to six (6) homes is needed. Therefore, for water reuse in the City to be reliable and accepted on a large scale, the availability of reuse water needs to be constant. To augment City reuse capacity, the City will partner with the St. Johns River Water Management to withdraw surface water from Lake Monroe. Expanded water reuse will result in more potable water conservation.

The City is also researching the viability of obtaining groundwater resources from areas outside of the City through partnerships. However, such partnerships involve various public and private parties and negotiating agreement terms can be protracted. Finally, the City will explore the feasibility of treating brackish water from the lower Floridan Aquifer. The City has obtained permitting to drill an experimental well to determine the feasibility of extracting and treating this brackish water source. Funding for these water activities come from, impact fees, operating surplus, and a utility bond. In the longer term, grants are another funding possibility.

FACILITY TYPE	ADOPTED LOS	SOURCE
Potable Water	300 gallons of potable water per equivalent residential unit (annual average daily volume)	Infrastructure Element Objective I1-PW1 Policy I1-PW1.1

FISCAL YEAR	RESIDENTIAL UNITS	GALLONS OF POTABLE WATER PER YEAR	GALLONS OF POTABLE WATER PER EQUIVALENT RESIDENTIAL UNIT (annual average daily volume)
2015-2016*	31,350	2,170,591,466	190
2016-2017	32,552	2,257,467,578	190
2017-2018	33,366	2,313,904,267	190
2018-2019	34,200	2,371,751,874	190
2019-2020	35,055	2,431,045,671	190
2020-2021	35,931	2,491,821,812	190

Projections for the potable water level of service for the fiscal years 2014-2020 have been determined by the application of the following formula:

$$\frac{\text{Gallons of potable water per year}}{\text{Residential units}} = \frac{\text{Gallons of potable water per residential unit per year}}{365 \text{ days}} = \text{Gallons of potable water per equivalent residential unit (annual average daily volume)}$$

About 4,000 acres of the City of Deltona is served by the County Deltona North water and sewer system. The above referenced City level of service of 300 gallons per equivalent residential unit (ERU) is identical to the County goal for servicing water users within the Deltona North service area. According to County records, water usage within the County’s Deltona North system is currently 392 gallons per day per ERU. This is much higher than other parts of the City (190 per day per ERU). The Deltona North system services 1542 water connections within the City. Deltona North does service newer subdivisions within the City that have had some residential growth. In addition, the homes in the Deltona North service area within Deltona tend to be slightly larger than the houses in older parts of the City. Also, more importance is placed on landscaping within these subdivisions, as evidenced by some subdivisions being subject to landscaping covenants. The County has 1.5 million gallons of permitted water capacity and has the ability to serve existing and future development within the service area. The County has expanded reclaimed water line coverage in the Deltona North service area. Therefore, there is anticipation that use of reclaimed water will increase and help limit potable water use within the service area.

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 \*Information provided by Deltona Utilities as of September 30, 2016. Projections for fiscal years 2016-2021 is based on population projections.

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## LOS-SCHOOLS

Pursuant to the County Charter, the City of Deltona is a party to an interlocal agreement with the Volusia County School District and maintains a Public School Facilities Element (PSFE). The interlocal agreement and PSFE establishes school concurrency for the City, and accomplish the following objectives:

- 1) Ensures the City will coordinate with the School Board to provide consistency between the Comprehensive Plan and public school facilities.
- 2) Requires the City to coordinate with the School Board with regard to the location of new schools.
- 3) Establishes design and location provisions to ensure land use compatibility and to effectively incorporate schools into the greater community.
- 4) Plans and manages residential development, so that adequate school capacity is available to serve development.
- 5) Establishes concurrency management standards.
- 6) Creates school concurrency service areas.
- 7) Provides for the implementation of a school concurrency management system.
- 8) Establishes provisions for financially feasible mitigation alternatives to address school capacity matters.
- 9) Implements adopted level of service standards.

The City of Deltona is currently served by ten elementary, three middle, and three high schools. Most of these school facilities are located within the municipal limits of Deltona. Information provided by the School Board illustrates the five (5) year building, expansion and maintenance budget for schools within the County (**Appendix C**). Also, attached as **Appendix D**, is a school facility level of service chart for the southwestern section of Volusia County. The subject southwest area includes all of incorporated Deltona and other unincorporated areas adjacent to the City.

The Volusia County School District is slated to replace Deltona Middle School in the next five years. The replacement of Deltona Middle will be an approximately \$50 million dollar project and will result in extra work station capacity. However, the increase of work station capacity is unknown and will be determined during the school design phase. Currently, the only school serving Deltona forecasted to potentially be over capacity is Timbercrest Elementary. The Timbercrest Elementary projection reflects changes the School District has made to special programs such as the gifted program which is anticipated to increase enrollment at the school. The School District will continue to monitor enrollment trends and analyze alternatives before addressing this potential overcrowding.

**LOS – TRANSPORTATION**

The City of Deltona encompasses approximately 41 square miles and has over 450 linear miles of streets and roadways. Streets and roadways, and sidewalks within the City fall under the maintenance and improvement responsibility of the City, County of Volusia, or the State of Florida. VOTRAN provides mass transit within the City, in the form of bus and shuttle routes.

City transportation improvements within the City are funded by impact fees, transportation bond proceeds, local option gas tax disbursements, grants and through other sources, such as interest. The City recently refinanced a transportation bond to provide another approximately \$18 million for transportation improvements. Some of the \$18 million will be for road resurfacing. In fact, the City has earmarked \$856,000 for road resurfacing. The City is also proposing a reconstruction of a segment of Normandy Blvd., a City thoroughfare. The road base for the subject segment of Normandy Blvd. has failed. Capacity oriented projects include the improvements to intersections. The costs of these projects will be significantly offset by grants obtained through the River to Sea Transportation Planning Organization (TPO). The intersections proposed to be improved include the junction of Catalina Blvd. and Howland Blvd. (southbound right turn lane) Tivoli Drive and Providence Blvd. (eastbound turn lane additions and median operations) and Tivoli Drive and Saxon Blvd. (westbound and eastbound turn lanes and related restriping). In addition, the City continues to expand the sidewalk system to encourage safe pedestrian access to goods and services and provide an alternate mode of transportation. This fiscal year, the City has budgeted over \$1 million for sidewalk expansion. Most of the sidewalk expansion projects will be associated with school sites throughout the City.

The City did update traffic counts for City maintained thoroughfares in the spring of 2015. Traffic counts on City thoroughfares included as part of the County roadway system are performed by the County. The latest County traffic counts are from 2015. The most up to date traffic counts will be used for concurrency determinations and to guide the expenditures of public funds in the most efficient and effective manner.

The LOS for roadways is articulated by the City Comprehensive Plan as follows:

***Policy T1-4.3***

*Unless a thoroughfare is designated separately within the LOS Roadway Segment Table of this document for a level of service standard, the City of Deltona shall establish the following PM peak hour level of service standards:*

<u>Functional Classification</u>	<u>Acceptable Standard</u>
I-4	As determined by FDOT
Arterial	E
Collector	E
Local	D

***Policy T1-4.4***

*Roadway level of service thresholds shall be defined consistent with the FDOT Quality/Level of Service Handbook (A.K.A. Look up tables).*

2015 City and 2015 County traffic counts (**Appendix F**) for thoroughfare roadways in the City are attached which have been used for this CIE update.

City will continue to maintain an acceptable LOS on City roads with the limited resources available. A concurrency spreadsheet is attached as Appendix E. The spreadsheet indicates that only 6% of the City roadway segments monitored by the City and County are currently operating below an acceptable level of service.

## LOS – STORMWATER

The City's Comprehensive Plan articulates a stormwater level of service in the terms of development thresholds. The stormwater LOS is as follows:

### ***Policy I4-STW1.3***

*All land use and development approval decisions which impact water resources in Deltona shall conform to the comprehensive surface and groundwater watershed management plan, when approved by the City Commission.*

*Level of Service for Storm Water Quantity and Quality:*

- a. ***Closed Basin LOS:*** *The City will establish a Level of Service design standard in closed drainage basins as follows: All development shall meet the minimum volume of retention equivalent to one-half inch of depth over the entire project area and the discharge hydrograph produced for the developed or redeveloped site shall not exceed, in terms of peak flow and total volume, the hydrograph produced by conditions existing before development or redevelopment for a 24 hour, 100 year frequency storm.*
- b. ***Basins with Outfall LOS:*** *The City will establish a Level of Service design standard in non-closed basins as follows: All development shall meet the minimum volume of retention equivalent to one-half inch of depth over the entire project area and the discharge hydrograph produced for the developed or redeveloped site shall not exceed, in terms of peak flow and total volume, the hydrograph produced by conditions existing before development or redevelopment for a 24 hour, 25 year frequency storm.*

The above referenced policy establishes a specific LOS for both closed basins and basins with outfalls. Basins are treated differently to recognize local drainage conditions. In Deltona and much of west Volusia County, stormwater tends to be more difficult to manage within closed basin areas. Therefore, in general, development within closed basins is required to afford more retention compared to development within basin areas that have outfalls. Implementation of the stormwater LOS is performed during the site plan review process. Actual stormwater infrastructure includes, but is not limited to, retention areas, swales, pipes, etc. and such infrastructure is designed/constructed based on the proposed impervious surfaces, soil characteristics, slopes, etc. Finally, the City does periodically inspect existing stormwater facilities to ensure drainage systems are maintained and function appropriately.

For recent and new development, the stormwater LOS has been implemented. However, much of the City was platted and developed before contemporary drainage regulation. While much of the City is associated with sandy, very well drained soils, drainage has always been a City concern. Confronted with limited drainage infrastructure and a development history that predates current stormwater requirements, the City continues to retrofit areas with appropriate stormwater management facilities. To fund this activity, the City in 2002, passed a stormwater utility assessment. The fee collections have been used to maintain and create stormwater facilities throughout the City. In 2015, the stormwater fees were increased to \$108 per ERU from \$76.11 per ERU to help cover the costs of stormwater management within the City. The information on pages 31 through 39 of this document illustrates City capital drainage projects, expenditures, and funding sources.

## LOS–WASTEWATER

Wastewater within the City is mostly managed by individual, on-site waste water management systems (septic tanks). However, the City does provide wastewater treatment for a limited area of the City. The City currently has approximately 80 miles of pipe and services over 6,000 connections (both residential and non-residential). The City currently has two wastewater treatment plants utilized to manage wastewater. After treatment, wastewater is allowed to percolate, used for golf course irrigation, or used by home owners that are served by active reuse water lines. The level of service for wastewater is illustrated in the following policy:

### ***Policy I2-SSI.1***

*The City of Deltona adopts a level of service standard providing for an annual average daily volume of 284 gallons of domestic wastewater per equivalent residential unit. Projected flow for commercial, industrial, and institutional land uses will be calculated utilizing Deltona Water equivalent residential unit factors for water and wastewater service as illustrated in City land development regulations.*

The subject average daily 284 gallons of domestic wastewater per day LOS was carried over to the City Comprehensive Plan from the Volusia County Comprehensive Plan. The 284 gallon per day LOS was generated by averaging the flow rates of County utility facilities. The flow rate data was predicated on information gleaned in the late 1980s. The City's 5,280 residential users, as per the last CIE update, generated an average of 132 gallons a day per household; much less than the 284 gallons LOS. For the last fiscal year the wastewater generation rates increased to 141 gallons per day per ERU. County information for the Deltona North service area indicates the average wastewater flow has also increased from 219 to 290 gallons per day per household.

This fiscal cycle wastewater flows have slight decreased. In the past, the reduction in wastewater flow within the City could be attributed to conservation measures such as the inclined rate structure, low flow plumbing fixtures/appliances, and conservation oriented awareness with regard to water usage. However, the slight reduction of wastewater flow may represent adherence to water conservation measures. Factoring in all demands on the existing City wastewater plant and the permitted capacity of the plant, the City has over 500,000 gallons of additional permitted wastewater treatment capacity per day available. There are over 6,000 wastewater connections served by Deltona Utilities and the City presently has capacity to serve some new development and redevelopment at present wastewater flow rates. The table attached as **Appendix G** illustrates City wastewater treatment activity from October 2015 to September 2016.

To promote economic development and provide an alternative to septic systems, the City has been interested in expanding its wastewater service capacity. Therefore, the City has built a new, state of the art, wastewater plant. The first phase of the new wastewater treatment plant came on line in May of 2016. The new treatment plant currently can process 1.5 million gallons of wastewater per day. There is additional capacity at the new wastewater plant available which can be phased in as needed. At full capacity, the plant will be able to treat 4.5 plus million gallons of water per day. The plant is envisioned to treat wastewater originating from new development planned in the area and existing development. In addition, capacity from the new plant has made available greater capacity at the existing Fisher wastewater plant. Expanded capacity at the existing plant will be used for redevelopment activity and extending sewer service to areas that have experienced flooding in the past and/or are associated with environmentally sensitive areas (lakes/floodplains). An example of promoting redevelopment through the extension of wastewater is the Saxon Blvd. sewer retrofit. This project involves the installation of sewer lines within an area that the City has for many years planned for commercial development. The commercial area is associated with the segment of Saxon Blvd. located between I-4 and the Saxon Blvd./Normandy Blvd. intersection. However, the pace of commercial development along the subject segment of Saxon Blvd. has been slow, and the absence of central sewer has contributed to a lack of commercial development. The City has generated

construction plans and obtained permits for the installation of sewer lines to plumb this strategic corridor. The cost to construct the sewer infrastructure is estimated to be about \$2 million. The \$2 million has not been yet budgeted.

The City has finished work on a series of percolation ponds consisting of 32 acres of land located on a 122 acre site owned by the City. The ponds accept treated wastewater from both the existing water treatment plant and the new water treatment plant. In addition, stormwater is mixed with treated wastewater. The intent of the pond system is to enhance water recharge to the aquifer. The City will utilize water in the ponds to support an expanded water reuse system within the City. This fiscal year the City has funded the connection of reuse water to two newer subdivisions within the City.

Over 4,000 acres of the City is served by the County Deltona North wastewater system. Average daily flows generated from the incorporated portion of the Deltona North service area equates to 310,000 gallons per day. All wastewater flows treated at the Deltona North sewer system are generated from the City. The County plant has the capacity to treat 0.600 million gallons of wastewater per day. The average wastewater flow per equivalent residential unit is less (265 gallons per day) than 284 gallons per day LOS illustrated in above cited policy I2-SS1.1. Based on wastewater plant capacity and flow rates, there will be enough capacity to meet the wastewater needs into the future. There are 795 wastewater connections within the Deltona North service area.

CAPITAL IMPROVEMENTS  
PROJECTS

**SECTION 2**

**POTABLE WATER**

**CAPITAL IMPROVEMENT PROJECTS SUMMARY**

Project No.	Project	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020-2021	Total
46001	Well Rehabs	\$200,000	\$0	\$0	\$0	\$0	\$200,000
41009	Alternative Water Supply (West Volusia AWS)	\$150,000	\$0	\$0	\$0	\$0	\$150,000
640500A	Water Meters & Related Materials	\$50,000	\$0	\$0	\$0	\$0	\$50,000
41016	Magdalena Well	\$600,000	\$0	\$0	\$0	\$0	\$600,000
43017	Magdalena/Saxon Interconnect	\$575,000	\$0	\$0	\$0	\$0	\$575,000
640500B	Retirement Meters	\$60,000	\$0	\$0	\$0	\$0	\$60,000
42016	Wellington WTP Water Main Upgrade	\$600,000	\$0	\$0	\$0	\$0	\$600,000
45013	High Service Pump Upgrades	\$425,000	\$0	\$0	\$0	\$0	\$425,000
41017	LFA Treatment Plant & Well Design (AWS)	\$275,000	\$0	\$0	\$0	\$0	\$275,000
46022	Automation of interconnect with Volusia County at Normandy Blvd.	\$150,000	\$0	\$0	\$0	\$0	\$150,000
42017	E. Normandy (Saxon-Providence) 16' Water Main Improvements	\$100,000	\$0	\$0	\$0	\$0	\$100,000
46901	Water Main Replacements-Phase 5	\$500,000	\$0	\$0	\$0	\$0	\$500,000
<b>Total Projects Expenditures</b>		<b>\$3,685,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,685,000</b>

Revenue Source	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020-2021	Total
Drawdown of Fund Balance	\$3,421,000	\$0	\$0	\$0	\$0	\$3,421,000
Impact Fees	\$264,000	\$0	\$0	\$0	\$0	\$264,000
<b>Total Revenues</b>	<b>\$3,685,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,685,000</b>

**PROJECT NAME:** Well Rehabs  
**PLAN ELEMENT:** Infrastructure

**PROJECT NUMBER:** 46001  
**POLICY NUMBER:** I1-PW1.2

***PROJECT DESCRIPTION***

*The public supply wells produce drinking water for the City. Failure to rehab and maintain operational continuity would affect public health. Providing maintenance also allows the utility to maintain production levels from the wells. Inspection and maintenance of existing wells is cost effective compared to the costs of relocating or requesting a replacement well through the water management district.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$200,000	\$0	\$0	\$0	\$0	\$200,000
<b>Total</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>

**PROJECT NAME:** Alternative Water Supply (West Volusia AWS)  
**PLAN ELEMENT:** Infrastructure

**PROJECT NUMBER:** 41009  
**POLICY NUMBER:** I1-PW2.5

***PROJECT DESCRIPTION***

*There is not enough water availability for current or future demands. Reductions in groundwater allocations by the Water Management District are forcing this capital expense. This is an on-going project with potential costs of a very large magnitude.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$150,000	\$0	\$0	\$0	\$0	\$150,000
<b>Total</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>

**PROJECT NAME:** Water Meters and Related Materials

**PROJECT NUMBER:** 640500A

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.6

***PROJECT DESCRIPTION***

*This is an annually recurring project at various locations. All potable water must be registered and accounted for in order to be in compliance with FAC 62-555. In order to register all potable water, all service lines must be metered. Additionally, this will ensure that all water usage is being accounted for and that revenue is being properly billed and monitored.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$50,000	\$0	\$0	\$0	\$0	\$50,000
<b>Total</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>

**PROJECT NAME:** Magdalena Well

**PROJECT NUMBER:** 41016

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.2

***PROJECT DESCRIPTION***

*There is a need for an additional well at the City’s Magdalena well site. With the recent completion of the ground storage tank, the additional well will ensure that an adequate supply of water is available during peak demand times. This well will increase operational continuity as related to maintaining water pressure for public health and/or fire protection. The scope of this project covers engineering, design and permitting. The construction phase of this project will begin in FY 16/17.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$600,000	\$0	\$0	\$0	\$0	\$600,000
<b>Total</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>

**PROJECT NAME:** Magdalena/Saxon Interconnect

**PROJECT NUMBER:** 43017

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.12

***PROJECT DESCRIPTION***

*The interconnect between Plant 16 and Plant 7 is needed to supply the Plant 16 storage tank. Currently, water demand can drain down the tank faster than the existing well can supply water. The facility could run out of water during a heavy demand cycle such as when firefighting. This well will increase operational continuity as related to maintaining water pressure for public health and/or fire protection.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$575,000	\$0	\$0	\$0	\$0	\$575,000
<b>Total</b>	<b>\$575,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$575,000</b>

**PROJECT NAME:** Retirement Meters

**PROJECT NUMBER:** 64050B

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.6

***PROJECT DESCRIPTION***

*This is an annually recurring project at various locations. The City is required to retire meters after a specified period of time in order to remain in compliance with FAC 62-555. Retiring meters ensures proper accountability of consumption and ensures that the flow is registered accurately.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$60,000	\$0	\$0	\$0	\$0	\$60,000
<b>Total</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000</b>

**PROJECT NAME:** Wellington WTP Watermain Upgrade

**PROJECT NUMBER:** 42016

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW2

***PROJECT DESCRIPTION***

*The primary watermain leaving the Wellington WTP needs to be replaced. This project will include the engineering, design and permitting with construction anticipated to commence in FY 16/17.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$600,000	\$0	\$0	\$0	\$0	\$600,000
<b>Total</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>

**PROJECT NAME:** High Service Pump Upgrades

**PROJECT NUMBER:** 45013

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW2

***PROJECT DESCRIPTION***

*High service pumping facilities at the Lombardy, Sagamore, and Courtland 8 Water Treatment Plants are in need of upgrades. The scope of this project includes engineering and permitting as well as construction of improvements at the Sagamore Water Treatment Plant.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$425,000	\$0	\$0	\$0	\$0	\$425,000
<b>Total</b>	<b>\$425,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$425,000</b>

**PROJECT NAME:** LFA Treatment Plant & Well Design (AWS)

**PROJECT NUMBER:** 41017

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

***PROJECT DESCRIPTION***

*The scope of this project includes design and permitting of treatment facilities for Lower Floridan Aquifer (LFA) water sources.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$275,000	\$0	\$0	\$0	\$0	\$275,000
<b>Total</b>	<b>\$275,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$275,000</b>

**PROJECT NAME:** Automation of Interconnect with Volusia County at Normandy Blvd.

**PROJECT NUMBER:** 46022

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*This interconnect is not currently automated and must be opened manually. The installation of an automated system will take place this fiscal year. This project is necessary in order to ensure adequate fire flows and fire safety protection in the Deltona North area which is currently serviced by Volusia County Utilities.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$150,000	\$0	\$0	\$0	\$0	\$150,000
<b>Total</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>

**PROJECT NAME:** E. Normandy (Saxon – Providence)  
 16” Water Main Improvements

**PROJECT NUMBER:** 42017

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*Due to the anticipated roadway project on this portion of E. Normandy Boulevard, the current utilities need to be relocated. This phase will consist of the design and permitting with construction anticipated to take place in FY 17/18.*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$100,000	\$0	\$0	\$0	\$0	\$100,000
<b>Total</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>

**PROJECT NAME:** Water Main Replacements – Phase 5

**PROJECT NUMBER:** 46901

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*This is a recurring project at various locations. Water main failures can result in an interruption in service, impact public health as well as have detrimental effects on fire protection. In some instances, the mains are increased in size to accommodate the installation of fire hydrants in the surrounding areas. The benefit of reducing the possibility of loss of service, improving reliability and fire protection to residents should exceed anticipated costs. FY 16/17 costs will include the design, permitting and partial construction of Phase 5.*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$236,000	\$0	\$0	\$0	\$0	\$236,000
Impact Fees	\$264,000	\$0	\$0	\$0	\$0	\$264,000
<b>Total</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>

**TRANSPORTATION**

**CAPITAL IMPROVEMENT PROJECTS SUMMARY**

Project No.	Project	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020-2021	Total
631021	Road Resurfacing	\$ 856,000	\$3,250,000	\$2,500,000	\$2,500,000	\$2,500,000	\$11,606,000
33066	E. Normandy Blvd (Farrington Dr. to Quincy Ave.)	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
33068	Catalina Blvd/ Howland Blvd. Intersection Improvements	\$450,000	\$0	\$0	\$0	\$0	\$450,000
33069	Tivoli Dr. Intersection Improvements	\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000
631001	Sidewalks	\$1,036,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,036,000
<b>Total Projects Expenditures</b>		<b>\$4,642,000</b>	<b>\$4,250,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$19,392,000</b>

Revenue Source	FY 2016/2017	FY 2017/2018	FY 2018/2019	FY 2019/2020	FY 2020/2021	Total
Operating Surplus	\$442,300	\$623,000	\$605,000	\$592,000	\$576,000	\$2,838,300
Drawdown of Fund Balance	\$3,892,200	\$3,477,000	\$2,745,000	\$2,758,000	\$2,774,000	\$15,646,200
Impact Fees	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Grants	\$157,500	\$0	\$0	\$0	\$0	\$157,500
<b>Total Revenues</b>	<b>\$4,642,000</b>	<b>\$4,250,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$3,500,000</b>	<b>\$19,392,000</b>

**PROJECT NAME:** Road Resurfacing and Striping

**PROJECT NUMBER:** 631021

**PLAN ELEMENT:** Transportation

**POLICY NUMBER:** T1-1.9

***PROJECT DESCRIPTION***

*The consequences resulting from not funding road resurfacing would include undue wear and deterioration on the roadway infrastructure, a tremendous safety and liability issue from increased accidents and a cost increase in repairs and/or complete reconstruction of the roadway at a later date. Resurfacing greatly reduces the hazards and threats to public safety. By restoring rough, damaged and deteriorating roadways to a like-new condition allows the general public to travel more comfortably, safely, and confidently. Road Resurfacing includes putting thermoplastic striping to replace the temporary paint that is initially laid down when a road is resurfaced. Road resurfacing in the FY 14/15 budget is being funded by a transfer from the General Fund.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$442,300	\$623,000	\$605,000	\$592,000	\$576,000	\$2,838,300
Drawdown of Fund Balance	\$413,700	\$2,627,000	\$1,895,000	\$1,908,000	\$1,924,000	\$8,767,700
<b>Total</b>	<b>\$856,000</b>	<b>\$3,250,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$11,606,000</b>

**PROJECT NAME:** E. Normandy Blvd. (Farrington Dr. to Quincy Ave.)

**PROJECT NUMBER:** 33066

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*East Normandy is a main thoroughfare and has deteriorated over the last several years and engineering investigation has determined that a rebuild is required rather than repaving. This project is part of the City's overall road widening plan and the condition of this road has been monitored for several years.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
<b>Total</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,200,000</b>

**PROJECT NAME:** Catalina Blvd./Howland Blvd. Intersection Improvements **PROJECT NUMBER:** 33068

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The project will be constructed in an effort to improve the flow of traffic in this area. This project includes the installation of turn lanes and signalization improvements.*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$450,000	\$0	\$0	\$0	\$0	\$450,000
<b>Total</b>	<b>\$450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>

**PROJECT NAME:** Tivoli Dr. Intersection Improvements

**PROJECT NUMBER:** 33069

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*Improvements will be made to the intersections at Tivoli and Providence Blvd. as well as Tivoli and Saxon Blvd. Improvements will include additional lanes as well as improvements to the signalization at both intersections.*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$792,500	\$0	\$0	\$0	\$0	\$792,500
Grants	\$157,500	\$0	\$0	\$0	\$0	\$157,500
Impact Fees	\$150,000	\$0	\$0	\$0	\$0	\$150,000
<b>Total</b>	<b>\$1,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,100,000</b>

**PROJECT NAME:** Sidewalks

**PROJECT NUMBER:** 631001

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*The City has an on-going program to add sidewalks throughout the City. The current policy is to install sidewalks within ½ mile of elementary schools and on collector roadways.*

***Funding Summary***

<b>Source/YR</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>Total</b>
Drawdown of Fund Balance	\$1,036,000	\$850,000	\$850,000	\$850,000	\$850,000	\$4,436,000
Impact Fees	\$0	\$150,000	\$150,000	\$150,000	\$150,000	\$600,000
<b>Total</b>	<b>\$1,036,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,036,000</b>

**STORMWATER  
CAPITAL IMPROVEMENT PROJECTS SUMMARY**

Project No.	Project	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020/2021	Total
650100	Drainage Pipe Rehab	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
29239	Brickell Dr. Drainage Improvements	\$244,600	\$59,300	\$0	\$0	\$0	\$303,900
21100	Monterey Dr. Drainage Improvements	\$0	\$0	\$225,000	\$0	\$0	\$225,000
21114	Lake Fieldstone to Briarwood Outfall Improvements	\$320,000	\$200,000	\$0	\$0	\$0	\$520,000
21102	Briarwood Lake Ditch Restoration	\$75,000	\$0	\$0	\$0	\$0	\$75,000
24223	Wakefield Circle	\$75,000	\$0	\$0	\$0	\$0	\$75,000
28240	Treadway Dr. & Etta Terr. Drainage Improvements	\$15,000	\$0	\$0	\$0	\$0	\$15,000
28241	Beal St. Drainage Improvements (2841)	\$32,000	\$0	\$0	\$0	\$0	\$32,000
21115	Azora Dr. Drainage Improvements (1191/1198)	\$30,000	\$0	\$0	\$0	\$0	\$30,000
28242	Roland Dr. Drainage Pipe Replacement (3259)	\$12,500	\$0	\$0	\$0	\$0	\$12,500
27230	W. Parkton Dr. & Jeffers Dr. Drainage Improvements	\$20,000	\$0	\$0	\$0	\$0	\$20,000
28243	Newmark Dr. & Copperfield Ave. Drainage Improvements	\$8,000	\$0	\$0	\$0	\$0	\$8,000
28244	Comstock Ave. Drainage Improvements (656)	\$8,000	\$0	\$0	\$0	\$0	\$8,000
24224	Section Line Trail Phase II Drainage Improvements	\$9,500	\$0	\$0	\$0	\$0	\$9,500
24225	Tivoli/Wheeling Ponds	\$20,000	\$0	\$0	\$0	\$0	\$20,000
<b>Total Projects Expenditures</b>		<b>\$1,019,600</b>	<b>\$409,300</b>	<b>\$375,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$2,103,900</b>

Revenue Source	FY 2016/2017	FY 2017/18	FY 2018/2019	FY 2019/2020	FY 2020/2021	Total
Drawdown of Fund Balance	\$0	\$114,000	\$375,000	\$0	\$150,000	\$639,000
Operating Surplus	\$775,000	\$236,000	\$0	\$150,000	\$0	\$1,161,000
Grants	\$244,600	\$59,300	\$0	\$0	\$0	\$303,900
<b>Total Revenues</b>	<b>\$1,019,600</b>	<b>\$409,300</b>	<b>\$375,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$2,103,900</b>

**PROJECT NAME:** Drainage Pipe Rehab.  
**PLAN ELEMENT:** Infrastructure

**PROJECT NUMBER:** 650100  
**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The City has several stormwater pipe runs that require lining. These runs are in areas where digging them up would jeopardize structures on private property. If we do not address these failures, there could be severe consequences when the rainy season begins.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$150,000	\$150,000	\$0	\$150,000	\$0	\$450,000
Drawdown of Fund Balance	\$0	\$0	\$150,000	\$0	\$150,000	\$300,000
<b>Total</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$750,000</b>

**PROJECT NAME:** Brickell Dr. Drainage Improvements  
**PLAN ELEMENT:** Infrastructure

**PROJECT NUMBER:** 29239  
**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The scope of this project covers construction of drainage improvements for Brickell Drive. This project will treat stormwater prior to it being discharged into downstream waters. Grant money of a 60 percent match is pending final approval from the Environmental Protection Agency.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Grants	\$244,600	\$59,300	\$0	\$0	\$0	\$303,900
<b>Total</b>	<b>\$244,600</b>	<b>\$59,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$303,900</b>

**PROJECT NAME:** Monterey Dr. Drainage Improvements

**PROJECT NUMBER:** 21100

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*The roadway in the area of 2072 Monterey Drive experiences standing water after major storm events for extended periods of time. Stormwater in this area needs to be rerouted to a proper drainage retention area. Phase 1 consists of engineering, design and permitting and will take place this fiscal year, with Phase 2 – construction commencing in future years.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$0	\$0	\$225,000	\$0	\$0	\$225,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>

**PROJECT NAME:** Lake Fieldstone to Briarwood Outfall Improvements

**PROJECT NUMBER:** 21114

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*The current outfall from Lake Fieldstone to Lake Briarwood is inadequate for the volume of stormwater to meet the needs of the area during a major storm event. There are several lakes upstream that rely on this outfall for flood protection. Phase 1 which consists of engineering, design and permitting started in FY 15/16, with construction as part of Phase 2 taking place this fiscal year.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$320,000	\$86,000	\$0	\$0	\$0	\$406,000
Drawdown of Fund Balance	\$0	\$114,000	\$0	\$0	\$0	\$114,000
<b>Total</b>	<b>\$320,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$520,000</b>

**PROJECT NAME:** Briarwood Lake Ditch Restoration

**PROJECT NUMBER:** 21102

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*The current ditch and headwall that serves as the outfall to Lake Briarwood is in need of improvement. Phase 1 consists of engineering, design and permitting and will take place this fiscal year, with Phase 2 – construction commencing in future years.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$75,000	\$0	\$0	\$0	\$0	\$75,000
<b>Total</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>

**PROJECT NAME:** Wakefield Circle

**PROJECT NUMBER:** 24223

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*Replace existing undersized French drain system that has reached its useful life with new larger diameter pipe and new intake structures. Connect to the existing outfall at Providence Blvd.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$75,000	\$0	\$0	\$0	\$0	\$75,000
<b>Total</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>

**PROJECT NAME:** Treadway Dr. & Etta Terr. Drainage  
 Improvements  
**PLAN ELEMENT:** Infrastructure

**PROJECT NUMBER:** 28240  
**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The intersection floods at this location during heavy rain events. This project will consist of installing several hundred feet of 18” HDPE pipe, multiple Nyloplast Basins, and all associated restoration and swale work.*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$15,000	\$0	\$0	\$0	\$0	\$15,000
<b>Total</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000</b>

**PROJECT NAME:** Beal St. Drainage Improvements (2841)  
**PLAN ELEMENT:** Infrastructure

**PROJECT NUMBER:** 28241  
**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*Beal Street floods between E. Juliet Drive and Hope Avenue during and after heavy rain events; flooding the entire street and swale area. To alleviate prolonged standing stormwater, we would install roughly 1,000’ of 15” HDPE pipe, 120’ of HP pipe, multiple Nyloplast Basins, and all associated restoration and swale work.*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$32,000	\$0	\$0	\$0	\$0	\$32,000
<b>Total</b>	<b>\$32,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$32,000</b>

**PROJECT NAME:** Azora Dr. Drainage Improvements (1191/1198)

**PROJECT NUMBER:** 21115

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*Azora Drive experiences significant standing water on the roadway, especially between Bachman Avenue and Wheeling Avenue, during and after heavy rain events. The installation of roughly 520' of 24" HDPE sock pipe, multiple Nyloplast Basins with concrete collars, and all associated restoration and swale work will help to alleviate this.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$30,000	\$0	\$0	\$0	\$0	\$30,000
<b>Total</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>

**PROJECT NAME:** Roland Dr. Drainage Pipe Replacement (3259)

**PROJECT NUMBER:** 28242

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*The existing infrastructure in this area has reached the end of its expected service life and is in need of replacement. This project consists of all work associated with replacing roughly 300' of 24" HDPE pipe and 70' of HP pipe.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$12,500	\$0	\$0	\$0	\$0	\$12,500
<b>Total</b>	<b>\$12,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,500</b>

**PROJECT NAME:** W. Parkton Dr. & Jeffers Dr. Drainage Improvements

**PROJECT NUMBER:** 27230

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*This intersection experiences temporary flooding during major rain events. In an effort to alleviate this issue, this project consists of installing roughly 240’ of 18” HDPE sock pipe, multiple Nyloplast Basins and other work associated with the restoration and swales.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$20,000	\$0	\$0	\$0	\$0	\$20,000
<b>Total</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>

**PROJECT NAME:** Newmark Dr. & Copperfield Ave.  
 Drainage Improvements

**PROJECT NUMBER:** 28243

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*This intersection experiences temporary flooding during major rain events. In an effort to alleviate this issue, this project consists of installing roughly 140’ of 15” HDPE pipe, 40’ of HP pipe, multiple Nyloplast Basins and other work associated with the restoration and swales.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$8,000	\$0	\$0	\$0	\$0	\$8,000
<b>Total</b>	<b>\$8,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,000</b>

**PROJECT NAME:** Comstock Ave. Drainage Improvements (656)

**PROJECT NUMBER:** 28244

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*Several properties in this area experience a significant amount of standing water from the local area runoff. To alleviate some of this standing water, this project consists of the installation of roughly 160' of 18" HDPE pipe, grated structures and all other work associated with the restoration and swales.*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$8,000	\$0	\$0	\$0	\$0	\$8,000
<b>Total</b>	<b>\$8,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,000</b>

**PROJECT NAME:** Section Line Trail Phase II  
Drainage Improvements

**PROJECT NUMBER:** 24224

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The existing infrastructure in this area has reached the end of its expected service life and is in need of replacement. This project consists of all work associated with replacing existing pipe with roughly 500' of 12" HDPE pipe and all other work associated with the restoration and swales.*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$9,500	\$0	\$0	\$0	\$0	\$9,500
<b>Total</b>	<b>\$9,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,500</b>

**PROJECT NAME:** Tivoli/Wheeling Ponds

**PROJECT NUMBER:** 24225

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*Clear two lots purchased by the City, excavate and form ponds for the purpose of stormwater retention to alleviate elevation of water on the pavement.*

***Funding Summary***

<b>Source/YR</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>Total</b>
Operating Surplus	\$20,000	\$0	\$0	\$0	\$0	\$20,000
<b>Total</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>

**WASTEWATER**

**CAPITAL IMPROVEMENT PROJECTS SUMMARY**

Project No.	Project	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020-2021	Total
45009	Rehab Sewer Collection System	\$500,000	\$0	\$0	\$0	\$0	\$500,000
43001	Lift Station Rehabs	\$75,000	\$0	\$0	\$0	\$0	\$75,000
41013	Lake Monroe Reclaim Withdrawal Phase 4A	\$6,000,000	\$0	\$0	\$0	\$0	\$6,000,000
41014	Lake Monroe Reclaim Withdrawal Phase 4B	\$500,000	\$0	\$0	\$0	\$0	\$500,000
45010	Reclaimed Water System-Dewey Boster	\$250,000	\$0	\$0	\$0	\$0	\$250,000
45011	Reclaimed Water System-Coventry	\$200,000	\$0	\$0	\$0	\$0	\$200,000
45012	Reclaimed Water System-Live Oak	\$200,000	\$0	\$0	\$0	\$0	\$200,000
44013	Alexander Ave. Phase 2 RIB	\$150,000	\$0	\$0	\$0	\$0	\$150,000
44014	Alexander Ave. Phase 3 RIB	\$250,000	\$0	\$0	\$0	\$0	\$250,000
45014	Reclaimed Water System Expansion (CUP/AWS)	\$150,000	\$0	\$0	\$0	\$0	\$150,000
43022	Florida Dr. Manhole Replacement	\$125,000	\$0	\$0	\$0	\$0	\$125,000
40025	Ground Storage Tank (GST) Rehabilitation	\$100,000	\$0	\$0	\$0	\$0	\$100,000
43023	Zinnia Dr. Manhole Replacement	\$250,000	\$0	\$0	\$0	\$0	\$250,000
43021	Fisher EQ Tank Replacement	\$75,000	\$0	\$0	\$0	\$0	\$75,000
<b>Total Projects Expenditures</b>		<b>\$8,825,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,825,000</b>

Revenue Source	FY 2016/2017	FY 2017/2018	FY 2018/2019	FY 2019/2020	FY 2020/2021	Total
Drawdown of Fund Balance	\$2,825,000	\$0	\$0	\$0	\$0	\$2,825,000
SRF Loan Proceeds	\$3,525,000	\$0	\$0	\$0	\$0	\$3,525,000
Grants	\$2,475,000	\$0	\$0	\$0	\$0	\$2,475,000
<b>Total Revenues</b>	<b>\$8,825,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,825,000</b>

**PROJECT NAME:** Rehab Sewer Collection System

**PROJECT NUMBER:** 45009

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

***PROJECT DESCRIPTION***

*Not addressing the aging sewer collection system will result in failures. A failure will cause a loss in sewer service to the residents and an environmental release of raw sewage to the surrounding communities and environment. Repairing the collection system not only avoids costs associated with emergency repairs but also reduces the amount of ground water leaking into the system that is then treated at the wastewater facility. This reduces the direct costs on chemicals used to treat ground water and could also offset the need for capital expansion due to capacity at the wastewater facility.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$500,000	\$0	\$0	\$0	\$0	\$500,000
<b>Total</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>

**PROJECT NAME:** Lift Station Rehabs

**PROJECT NUMBER:** 43001

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

***PROJECT DESCRIPTION***

*This is an annually recurring project at various locations. Lift station failures result in loss of sewer service to customers as well as sanitary sewer overflows (SSO's) to the environment. SSO's can result in administrative fines from the FDEP or EPA. A proactive approach is less costly than costs associated with emergency repair, clean up and fines.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$75,000	\$0	\$0	\$0	\$0	\$75,000
<b>Total</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>

**PROJECT NAME:** Lake Monroe Reclaim Withdrawal Phase 4A  
**PLAN ELEMENT:** Infrastructure

**PROJECT NUMBER:** 41013  
**POLICY NUMBER:** I2-SS1.7

***PROJECT DESCRIPTION***

*The scope of this project consists of completion of engineering and permitting services and to begin construction related to improvements to the 122 acre RIB site. This project includes a lined reservoir, filter equipment, chemical feed equipment, and alum feed system, piping, appurtenances, electrical & instrumentation, and site work.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Grants	\$2,475,000	\$0	\$0	\$0	\$0	\$2,475,000
SRF Loan Proceeds (EWWTP)	\$3,525,000	\$0	\$0	\$0	\$0	\$3,525,000
<b>Total</b>	<b>\$6,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,000,000</b>

**PROJECT NAME:** Lake Monroe Reclaim Withdrawal Phase 4B  
**PLAN ELEMENT:** Infrastructure

**PROJECT NUMBER:** 41014  
**POLICY NUMBER:** I2-SS1.7

***PROJECT DESCRIPTION***

*This project covers the beginning of engineering and permitting services for Phase 4B of the Lake Monroe project. The scope of the project includes the pipeline, intake structures, pump station, and an additional 2MG storage tank.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$500,000	\$0	\$0	\$0	\$0	\$500,000
<b>Total</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>	<b>\$500,000</b>

**PROJECT NAME:** Reclaimed Water System-Dewey Boster

**PROJECT NUMBER:** 45010

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

***PROJECT DESCRIPTION***

*This project is designed to expand the existing reclaim water service to additional areas. This project is part of a larger effort to provide alternative means of irrigation for customers to reduce the impact on the draw from the aquifer.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$250,000	\$0	\$0	\$0	\$0	\$250,000
<b>Total</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

**PROJECT NAME:** Reclaimed Water System-Coventry

**PROJECT NUMBER:** 45011

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

***PROJECT DESCRIPTION***

*This project is designed to expand the existing reclaim water service to additional areas. This project is part of a larger effort to provide alternative means of irrigation for customers to reduce the impact on the draw from the aquifer.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$200,000	\$0	\$0	\$0	\$0	\$200,000
<b>Total</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>

**PROJECT NAME:** Reclaimed Water System-Live Oak

**PROJECT NUMBER:** 45012

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

***PROJECT DESCRIPTION***

*This project is designed to expand the existing reclaim water service to additional areas. This project is part of a larger effort to provide alternative means of irrigation for customers to reduce the impact on the draw from the aquifer.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$200,000	\$0	\$0	\$0	\$0	\$200,00
<b>Total</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>

**PROJECT NAME:** Alexander Ave. Phase 2 RIB

**PROJECT NUMBER:** 44013

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

***PROJECT DESCRIPTION***

*This RIB site is physically located on the southern portion of the 122 acre site. The completion and operation of the EWRf relies on the completion of this project as part of the issued FDEP permit for the EWRf. Development in the City's growth areas and the SR 415 corridor depends upon the provision of sewer service as well as the success of this project.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$150,000	\$0	\$0	\$0	\$0	\$150,000
<b>Total</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>

**PROJECT NAME:** Alexander Ave. Phase 3 RIB

**PROJECT NUMBER:** 44014

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*This project consists of the design and permitting of Phase 3 of the RIB site. This is to design the additional ribs to be constructed on the 40 acres immediately north of the existing rib site. Construction is anticipated to begin in FY 17/18.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$250,000	\$0	\$0	\$0	\$0	\$250,000
<b>Total</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

**PROJECT NAME:** Reclaimed Water System Expansion (CUP/AWS)

**PROJECT NUMBER:** 45014

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*Reclaimed main expansion projects are needed primarily for the eastern portion of Deltona to be able to provide reclaimed water to residential and commercial properties. The reclaimed water will be provided by the EWRP. This expansion will assist with meeting regulatory and compliance requirements for the City's CUP and Alternative Water.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$150,000	\$0	\$0	\$0	\$0	\$150,000
<b>Total</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>

**PROJECT NAME:** Florida Dr. Manhole Replacement

**PROJECT NUMBER:** 43022

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*This project consists of replacing two sewer manholes as well as the associated piping in between them and the portion that feeds into the existing lift station. The area surrounding the manholes has naturally changed over time and has caused issues with the existing infrastructure. This project would improve the overall reliability of the system in this area.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$125,000	\$0	\$0	\$0	\$0	\$125,000
<b>Total</b>	<b>\$125,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$125,000</b>

**PROJECT NAME:** Ground Storage Tank (GST) Rehabilitation

**PROJECT NUMBER:** 40025

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*As a result of a recent sanitary survey, it was noted that the City has a GST in need of rehabilitation. This project is to make the necessary rehabilitation and is expected to satisfy the requirements of the sanitary survey.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$100,000	\$0	\$0	\$0	\$0	\$100,000
<b>Total</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>

**PROJECT NAME:** Zinnia Dr. Manhole Replacement

**PROJECT NUMBER:** 43023

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*This project consists of replacing two sewer manholes and roughly 500' of gravity lines that are old and experience root issues. This project would improve the overall reliability of the system in this area.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$250,000	\$0	\$0	\$0	\$0	\$250,000
<b>Total</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

**PROJECT NAME:** Fisher EQ Tank Replacement

**PROJECT NUMBER:** 43021

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*The flow equalization basin at Fisher has deteriorated due to its age. Repairs are no longer cost effective and it needs to be replaced. The tank will be replaced with a concrete one along with the refurbishment of the headworks. Design and permitting will take place this fiscal year with construction anticipated to take place in FY 17/18.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$75,000	\$0	\$0	\$0	\$0	\$75,000
<b>Total</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>

**PARKS AND RECREATION**

**CAPITAL IMPROVEMENT PROJECTS SUMMARY**

Project No.	Project	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020-2021	Total
30502	Community Center	\$ 6,000,000	\$2,480,000	\$0	\$0	\$0	\$8,480,000
650100	Neighborhood Park	\$100,000	\$0	\$0	\$0	\$0	\$100,000
03115	Lakeshore Loop Trail Construction	\$629,200	\$0	\$0	\$0	\$0	\$629,200
<b>Total Projects Expenditures</b>		<b>\$6,729,200</b>	<b>\$2,480,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,209,200</b>

Revenue Source	FY 2016/2017	FY 2017/2018	FY 2018/2019	FY 2019/2020	FY 2020/2021	Total
Drawdown of Fund Balance	\$5,520,000	\$2,180,000	\$0	\$0	\$0	\$7,700,000
Grants	\$909,200	\$0	\$0	\$0	\$0	\$909,200
Transfer In	\$300,000	\$300,000	\$0	\$0	\$0	\$600,000
<b>Total Revenues</b>	<b>\$6,729,200</b>	<b>\$2,480,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,209,200</b>

**PROJECT NAME:** Community Center

**PROJECT NUMBER:** 30502

**PLAN ELEMENT:** Parks and Recreation

**POLICY NUMBER:**

***PROJECT DESCRIPTION***

*The Center at Deltona (new Community Center) is a proposed ±29,000 SF building to be constructed at a City-owned tract located at 1640 Dr. Martin Luther King, Jr. Blvd. The Center is designed to be a multi-purpose building to include a Council on Aging area for senior citizens, a ±7,500 SF assembly hall with raised stage for community events, a pre-function gathering hall, conference rooms, wedding dressing rooms, administrative offices, two kitchens, and an event lawn.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$5,420,000	\$2,180,000	\$0	\$0	\$0	\$7,600,000
Grants	\$280,000	\$0	\$0	\$0	\$0	\$280,000
Transfer In	\$300,000	\$300,000	\$0	\$0	\$0	\$600,000
<b>Total</b>	<b>\$6,000,000</b>	<b>\$2,480,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,480,000</b>

**PROJECT NAME:** Neighborhood Park

**PROJECT NUMBER:** 650100

**PLAN ELEMENT:** Parks and Recreation

**POLICY NUMBER:** PR1-1.9

***PROJECT DESCRIPTION***

*The scope of this project includes creating an open green space area, adding a small playground, park benches and picnic area in order to provide a gathering place for the residents within the neighborhood. Location TBD.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	\$100,000	\$0	\$0	\$0	\$0	\$100,000
<b>Total</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>

**PROJECT NAME:** Lakeshore Loop Trail Construction

**PROJECT NUMBER:** 03115

**PLAN ELEMENT:** Parks and Recreation

**POLICY NUMBER:** PR1-2.8

***PROJECT DESCRIPTION***

*The Lakeshore Loop Trail is designed to continue parks enhancements for the community near Lake Monroe. The trail adds to the Thornby Park playground and property purchased, connects Volusia County’s Spring-to-Spring Trail as an alternative route to Green Springs, enhances the City’s property/existing Community Center along Lakeshore Drive as a potential trailhead in the future, and will provide a safe means for people to enjoy the Lake Monroe lakeshore area. The trail also enhances the St. Johns River to Sea Trail Loop on a State-wide level. Trail funding, similar to funding for Thornby Park, maximizes leveraging of alternative funding sources to minimize impacts to the City’s General Fund. The trail construction and design dollars are being funded by the FDOT/TPO for 90% and the 10% grant match from the City is to be funded by ECHO grant funds.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Grant	\$629,200	\$0	\$0	\$0	\$0	\$629,200
<b>Total</b>	<b>\$629,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$629,200</b>

**FIVE YEAR CIP FUNDS**

**SECTION 3**

## **OVERALL CITY OF DELTONA CAPITAL BUDGET**

The following spreadsheets and charts contained within Section 3 of this report represent the five year City capital budget and funding sources. There are also spreadsheets and charts that specifically depict capital projects funded by enterprise funds. The fiscal analysis was derived using the subject spreadsheets and tables as a foundation for the analysis of concurrency-oriented capital improvements.

A review of the Section 3 spreadsheets and accompanying tables will reveal that, in some cases, unidentified funding sources have been scheduled for projects as early as year one of the 5-year capital improvement program. As the funding sources currently considered unidentified become known (reliable funding mechanisms), the CIE will be appropriately updated during the next annual CIE amendment to reflect the changed funding status.

**ESTIMATED OPERATING  
BUDGET IMPACTS OF SELECTED  
CAPITAL IMPROVEMENT PROJECTS**

The following projects are expected to generate incremental operating costs and therefore impact future operating budgets. This list is not all inclusive but does include the most significant projects whose operating budget impacts have been quantified.

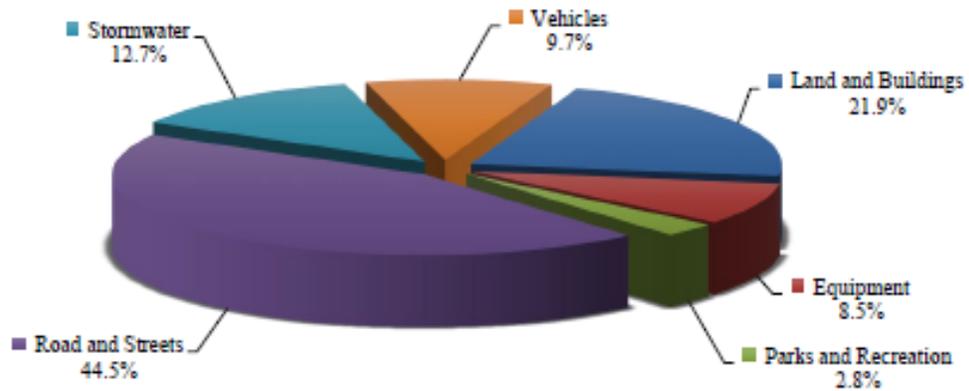
	<u>FY 16/17</u>	<u>FY 17/18</u>	<u>FY 18/19</u>	<u>FY 19/20</u>
<b><u>Public Safety:</u></b>				
No major projects	\$ -	\$ -	\$ -	\$ -
<b><u>Transportation:</u></b>				
No major projects	\$ -	\$ -	\$ -	\$ -
<b><u>Culture &amp; Recreation:</u></b>				
<b>Community Center</b>				
<b>Estimated Completion: End of Year 2017</b>				
Additional Staffing (# New Personnel)	1	4	4	4
Additional Staffing Costs	\$ 95,000	\$ 291,000	\$ 299,700	\$ 308,700
Utilities	125,000	128,800	132,700	136,700
Operating Supplies	30,000	30,900	31,800	32,800
<b>Total - Governmental Funds</b>	<b>\$ 250,000</b>	<b>\$ 450,700</b>	<b>\$ 464,200</b>	<b>\$ 478,200</b>
<b><u>Wastewater:</u></b>				
<b><u>New Eastern Wastewater Treatment Plant</u></b>				
<b>Project Completed: 2016</b>				
Additional Staffing (# New Personnel)	6	8	8	8
Additional Staffing Costs	\$ 359,000	\$ 500,000	\$ 525,000	\$ 550,000
Materials (R.&R)	97,500	100,000	105,000	110,000
Membrane Replacement	-	-	125,000	125,000
Chemicals	187,000	240,000	265,000	290,000
Utilities	400,000	550,000	575,000	600,000
Biosolids Treatment	140,000	200,000	225,000	250,000
Water Testing Services	35,000	45,000	50,000	50,000
Misc. Tools & Supplies	24,500	25,000	25,000	25,000
Training, etc.	2,400	15,000	20,000	20,000
Other Operating Expenses	32,100	30,000	30,000	30,000
<b>Total - Enterprise Funds</b>	<b>\$ 1,277,500</b>	<b>\$ 1,705,000</b>	<b>\$ 1,945,000</b>	<b>\$ 2,050,000</b>

*16/17 Annual Budget*

**GOVERNMENTAL FUNDS  
 FIVE YEAR CAPITAL IMPROVEMENT PLAN  
 SUMMARY BY PROJECT TYPE**

Project	Budget	Planned				Total
	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	
Land and Buildings - Parks & Recreation	\$ 6,000,000	\$ 2,480,000	\$ -	\$ -	\$ -	\$ 8,480,000
Land and Buildings - Public Works	100,000	-	-	-	-	100,000
Miscellaneous Infrastructure/Improvements	200,000	200,000	200,000	200,000	150,000	950,000
Land and Buildings - Fire Station	80,000	-	-	-	-	80,000
Equipment	1,350,500	643,000	1,072,000	393,000	256,500	3,715,000
Road Construction	2,900,000	-	-	-	-	2,900,000
Park Projects	1,234,200	-	-	-	-	1,234,200
Road Resurfacing	856,000	3,250,000	2,500,000	2,500,000	2,500,000	11,606,000
Sidewalks	1,036,000	1,000,000	1,000,000	1,000,000	1,000,000	5,036,000
Stormwater - Capital Improvement	639,600	466,300	892,000	480,000	1,360,000	3,837,900
Stormwater - Renewal and Replacement	380,000	516,500	313,700	150,000	392,000	1,752,200
Vehicles	249,000	1,396,000	958,000	1,039,000	609,000	4,251,000
	<u>\$ 15,025,300</u>	<u>\$ 9,951,800</u>	<u>\$ 6,935,700</u>	<u>\$ 5,762,000</u>	<u>\$ 6,267,500</u>	<u>\$ 43,942,300</u>

**Total 5-Year CIP By Project Type**



*16/17 Annual Budget*

**GOVERNMENTAL FUNDS  
FIVE YEAR CAPITAL IMPROVEMENT PLAN  
SUMMARY BY FUNDING SOURCE**

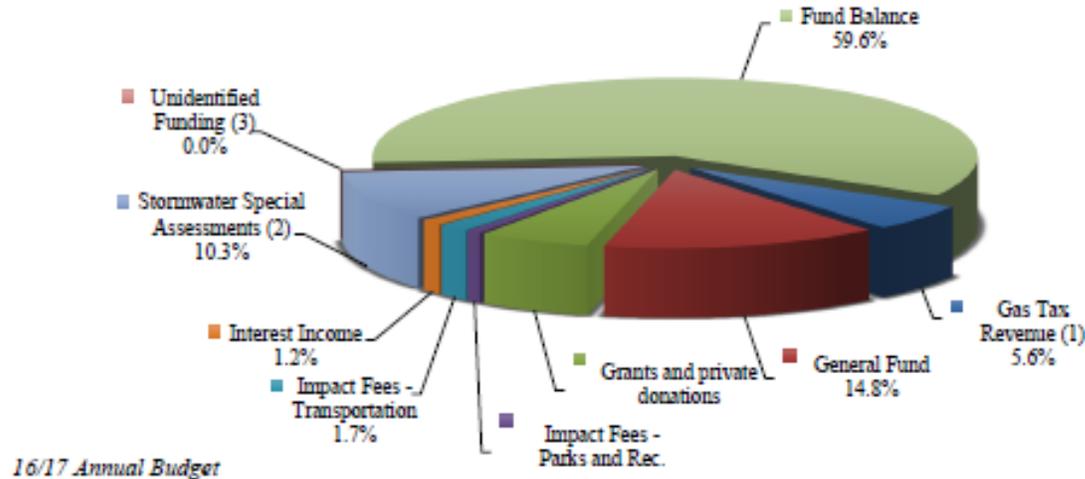
Funding Source	Budget	Planned				Total
	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	
Gas Tax Revenue (1)	\$ 325,300	\$ 526,000	\$ 533,000	\$ 542,000	\$ 548,000	\$ 2,474,300
General Fund	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	6,500,000
Grants and private donations	1,666,700	363,500	-	-	576,000	2,606,200
Impact Fees - Parks and Recreation	62,000	64,000	67,000	70,000	74,000	337,000
Impact Fees - Transportation	150,000	150,000	150,000	150,000	150,000	750,000
Interest Income	198,900	133,700	92,230	65,790	43,880	534,500
Stormwater Special Assessments (2)	991,900	952,000	909,600	864,300	817,900	4,535,700
Unidentified Funding (3)	-	-	-	-	-	-
Draw from (transfer) to CIP Fund Balance	10,330,500	6,462,600	3,883,870	2,769,910	2,757,720	26,204,600
	<u>\$ 15,025,300</u>	<u>\$ 9,951,800</u>	<u>\$ 6,935,700</u>	<u>\$ 5,762,000</u>	<u>\$ 6,267,500</u>	<u>\$ 43,942,300</u>

- (1) Tax revenues in excess of related operating expenditures and debt service.  
 (2) Assessment revenue in excess of related operating expenditures and debt service  
 (3) If funding does not materialize the related capital outlay will be adjusted as needed.

**CIP Fund Balance:**

Beginning CIP reserve	\$ 30,120,370	\$ 19,789,870	\$ 13,327,270	\$ 9,443,400	\$ 6,673,490
Draw (from) addition to reserve	<u>(10,330,500)</u>	<u>(6,462,600)</u>	<u>(3,883,870)</u>	<u>(2,769,910)</u>	<u>(2,757,720)</u>
Ending CIP reserve	<u>\$ 19,789,870</u>	<u>\$ 13,327,270</u>	<u>\$ 9,443,400</u>	<u>\$ 6,673,490</u>	<u>\$ 3,915,770</u>

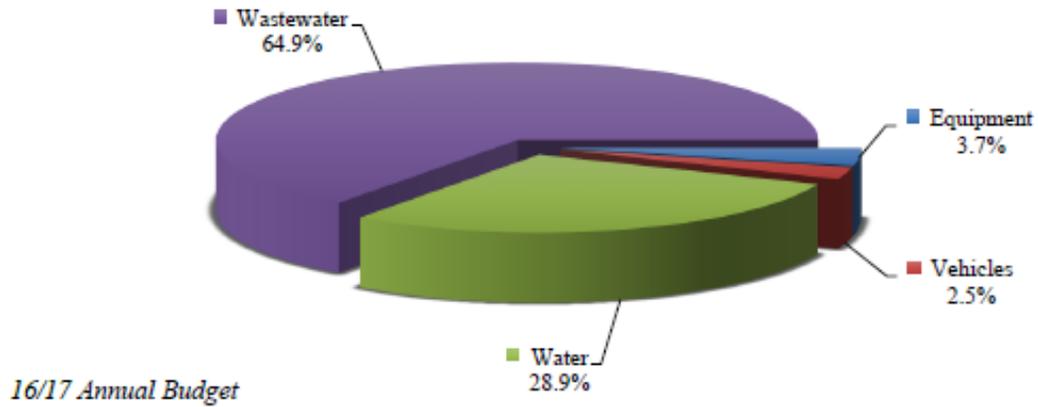
**Total 5-Year CIP By Funding Source**



**ENTERPRISE FUND  
 FIVE YEAR CAPITAL IMPROVEMENT PLAN  
 SUMMARY BY PROJECT TYPE**

Project	Budget FY 16/17	Planned				Total
		FY 17/18	FY 18/19	FY 19/20	FY 20/21	
Equipment	\$ 511,700	The five year projection period ending 09/30/2021 is unknown due to significant mandated changes to the CIP. These issues will be addressed in a long-range planning workshop in October to evaluate and discuss options. An updated five year CIP will be available for the next				\$ 511,700
Vehicles	356,000					\$ 356,000
Water	4,040,000					4,040,000
Wastewater	9,080,000					9,080,000
	<u>\$ 13,987,700</u>					<u>\$ 13,987,700</u>

**Total 5-Year CIP By Project Type**



**ENTERPRISE FUND  
FIVE YEAR CAPITAL IMPROVEMENT PLAN  
SUMMARY BY FUNDING SOURCE**

Funding Source	Budget	Planned				Total			
	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21				
Interest Income	\$ 73,000	The five year projection period ending 09/30/2021 is unknown due to significant mandated changes to the CIP. These issues will be addressed in a long-range planning workshop in October to evaluate and discuss options.  An updated five year CIP will be available for the next				\$ 73,000			
Utility Assessment Fees	264,000					\$ -	\$ -	\$ -	\$ -
Utility Operating Fund (1)	146,900					\$ -	\$ -	\$ -	\$ -
Grants	2,475,000					\$ -	\$ -	\$ -	\$ -
Issuance of Debt - State Revolving Fund	3,525,000					\$ -	\$ -	\$ -	\$ -
New borrowing (4)	-					\$ -	\$ -	\$ -	\$ -
Draw from (transfer) to reserves	7,503,800	\$ -	\$ -	\$ -	\$ -	7,503,800			
	<u>\$ 13,987,700</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 13,987,700</u>			

- (1) Operating revenues in excess of related expenditures and debt service.
- (2) Bond Sinking Fund & Customer Deposits.
- (3) Restricted by bond covenants for renewal & replacement. Available for R & R capital outlay only.
- (4) If funding does not materialize the related capital outlay will be adjusted as needed.

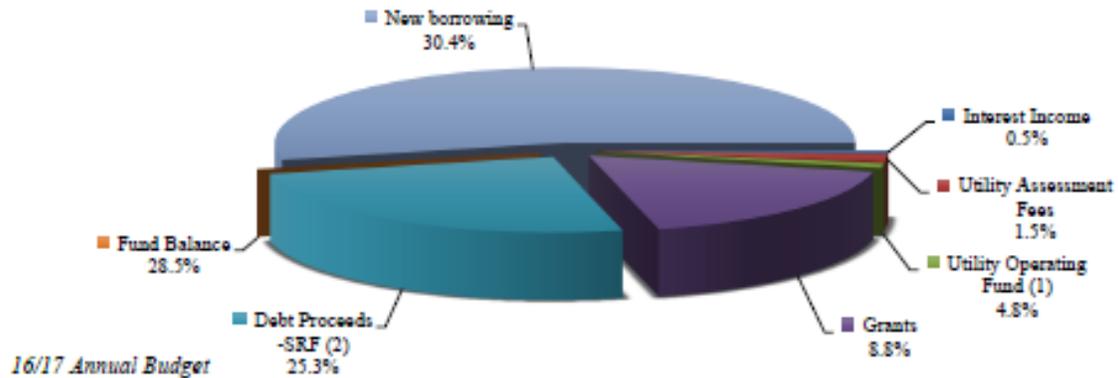
Reserves:

Reserve	\$ 20,736,397	\$ -	\$ -	\$ -	\$ -
Draw (from) addition to reserve	(7,503,800)	-	-	-	-
Ending Reserves	<u>\$ 13,232,597</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Reserve Components:

Restricted (2)	\$ 6,456,000	\$ -	\$ -	\$ -	\$ -
Restricted - Renewal & Replacement (3)	964,000	-	-	-	-
Unassigned	5,812,597	-	-	-	-
Total Reserves	<u>\$ 13,232,597</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

**Total 5-Year CIP By Funding Source**





# APPENDICES

# APPENDIX A

Capital Improvements Projects  
*Strikethrough Underline Format*

## POTABLE WATER

### CAPITAL IMPROVEMENT PROJECTS SUMMARY

Project No.	Project	FY 2015-2016 2016-2017	FY 2016-2017 2017-2018	FY 2017-2018 2018-2019	FY 2018-2019 2019-2020	FY 2019-2020 2020-2021	Total
<del>46900</del>	<del>Water Main Replacements</del>	<del>-\$200,000</del>	<del>\$300,000</del>	<del>\$200,000</del>	<del>\$300,000</del>	<del>\$200,000</del>	<del>\$1,200,000</del>
46001	Well Rehabs	\$200,000	<del>\$200,000</del>	<del>\$200,000</del>	<del>\$200,000</del>	<del>\$200,000</del>	<del>\$1,020,000</del>
41009	Alternative Water Supply (West Volusia AWS)	\$150,000	<del>\$150,000</del>	<del>\$150,000</del>	<del>\$150,000</del>	<del>\$150,000</del>	<del>\$715,000</del>
46013	<del>Howland Blvd Utility Relocation, Phase 3</del>	<del>\$500,000</del>	<del>\$0</del>	<del>\$0</del>	<del>\$0</del>	<del>\$0</del>	<del>\$500,000</del>
46015	<del>Ft. Smith Section 4B</del>	<del>\$75,000</del>	<del>\$0</del>	<del>\$0</del>	<del>\$0</del>	<del>\$0</del>	<del>\$75,000</del>
640500A	Water Meters & Related Materials	\$50,000	<del>\$50,000</del>	<del>\$50,000</del>	<del>\$50,000</del>	<del>\$50,000</del>	<del>\$250,000</del>
<del>41015</del>	<del>LFA Well (Braekish Deep Well)</del>	<del>\$50,000</del>	<del>\$0</del>	<del>\$0</del>	<del>\$0</del>	<del>\$0</del>	<del>\$50,000</del>
41016	Magdalena Well	<del>\$160,000</del>	<del>\$400,000</del>	\$0	\$0	\$0	<del>\$560,000</del>
43017	Magdalena/Saxon Interconnect	<del>\$575,000</del>	<del>\$300,000</del>	\$0	\$0	\$0	<del>\$350,000</del> <del>\$575,000</del>
640500B	Retirement Meters	\$60,000	<del>\$60,000</del>	<del>\$60,000</del>	<del>\$60,000</del>	<del>\$60,000</del>	<del>\$30060,000</del>
42016	Wellington WTP Water Main Upgrade	<del>\$150600,000</del>	<del>\$500,000</del>	\$0	\$0	\$0	<del>\$650,000</del>
45013	High Service Pump Upgrades	<del>\$150425,000</del>	<del>\$150,000</del>	\$0	\$0	\$0	<del>\$300425,000</del>
41017	LFA Treatment Plant & Well Design (AWS)	<del>\$100275,000</del>	<del>\$275,000</del>	<del>\$600,000</del>	\$0	<del>\$600,000</del>	<del>\$1,575,000</del> <del>\$275,000</del>
46022	<u>Automation of Interconnect with Volusia County at Normandy Blvd.</u>	<u>\$150,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$150,000</u>
42017	<u>E. Normandy (Saxon – Providence) 16' Water main Improvements</u>	<u>\$100,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$100,000</u>
46901	<u>Water Main Replacements – Phase 5</u>	<u>\$500,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$500,000</u>
<b>Total Projects Expenditures</b>		<del><b>\$1,835,000</b></del> <del><b>\$3,685,000</b></del>	<del><b>\$2,385,000</b></del>	<del><b>\$1,260,000</b></del>	<del><b>\$760,000</b></del>	<del><b>\$1,260,000</b></del>	<del><b>\$7,525,000</b></del> <del><b>\$3,685,000</b></del>

Revenue Source	FY 2015-2016 2016-2017	FY 2016-2017 2017-2018	FY 2017-2018 2018-2019	FY 2018-2019 2019-2020	FY 2019-2020 2020-2021	Total
Drawdown of Fund Balance	<del>\$1,635,000</del> <del>\$3,421,000</del>	<del>\$2,295,000</del>	<del>\$1,170,000</del>	<del>\$670,000</del>	<del>\$1,170,000</del>	<del>\$6,695,000</del> <del>\$3,421,000</del>
Grants	<del>\$50,000</del>	<del>\$0</del>	<del>\$0</del>	<del>\$0</del>	<del>\$0</del>	<del>\$50,000</del>
Impact Fees	<del>\$150264,000</del>	<del>\$90,000</del>	<del>\$90,000</del>	<del>\$90,000</del>	<del>\$90,000</del>	<del>\$510264,000</del>
<b>Total Revenues</b>	<del><b>\$1,835,000</b></del> <del><b>\$3,685,000</b></del>	<del><b>\$2,385,000</b></del>	<del><b>\$1,260,000</b></del>	<del><b>\$760,000</b></del>	<del><b>\$1,260,000</b></del>	<del><b>\$7,525,000</b></del> <del><b>\$3,685,000</b></del>

**PROJECT NAME:** Water Main Replacements **PROJECT NUMBER:** 46900

**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I1-PW1.2

**PROJECT DESCRIPTION**

*Water main failures can result in an interruption in service, impact public health as well as have detrimental effects on fire protection. In some cases, mains are increased in size to accommodate the installation of fire hydrants in the surrounding area. Improving the loss of service, reliability, and fire protection to residents should exceed anticipated costs.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$200,000	\$300,000	\$200,000	\$300,000	\$200,000	\$1,200,000
<b>Total</b>	<b>\$200,000</b>	<b>\$300,000</b>	<b>\$200,000</b>	<b>\$300,000</b>	<b>\$200,000</b>	<b>\$1,200,000</b>

**PROJECT NAME:** Well Rehab

**PROJECT NUMBER:** 46001

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.2

**PROJECT DESCRIPTION**

*The public supply wells produce drinking water for the City. Failure to rehab and maintain operational continuity would affect public health. Providing maintenance also allows the utility to maintain production levels from the wells. Inspection and maintenance of existing wells is cost effective compared to the costs of relocating or requesting a replacement well through the water management district.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$200,000	<del>\$200,000</del>	<del>\$200,000</del>	<del>\$200,000</del>	<del>\$200,000</del>	<del>\$1,000,000</del> \$200,000
<b>Total</b>	<b>\$200,000</b>	<b><del>\$200,000</del></b>	<b><del>\$200,000</del></b>	<b><del>\$200,000</del></b>	<b><del>\$200,000</del></b>	<b><del>\$1,000,000</del></b> <b>\$200,000</b>

**PROJECT NAME:** Alternative Water Supply (West Volusia AWS)

**PROJECT NUMBER:** 41009

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW2.5

***PROJECT DESCRIPTION***

*There is not enough water availability for current or future demands. Reductions in groundwater allocations by the Water Management District are forcing this capital expense. This is an on-going project with potential costs of a very large magnitude.*

**Funding Summary**

Source/YR	FY 15/16 16/17	FY 16/17 17/18	FY 17/18 18/19	FY 18/19 19/20	FY 19/20 20/21	Total
Drawdown of Fund Balance	\$150,000	\$60,000	\$60,000	\$60,000	\$60,000	\$240,000 \$150,000
Impact Fees	\$150,000	\$90,000	\$90,000	\$90,000	\$90,000	\$510,000
<b>Total</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$750,000</b> <b>\$150,000</b>

~~**PROJECT NAME:** Howland Utility Relocate (Phase 3)~~

~~**PROJECT NUMBER:** 46013~~

~~**PLAN ELEMENT:** Infrastructure~~

~~**POLICY NUMBER:** I1-PW4.2~~

~~***PROJECT DESCRIPTION***~~

~~*There are currently four road widening projects within the City that require the relocation of water and/or wastewater lines (Normandy Blvd., Howland Blvd., DeBary Ave., & Fort Smith Blvd). These pipes will be replaced with new pipes and, in some cases, with larger pipe to provide better services.*~~

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$500,000	\$0	\$0	\$0	\$0	\$500,000
<b>Total</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>

**PROJECT NAME:** Ft. Smith – Section 4B

**PROJECT NUMBER:** 46015

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW4.2

***PROJECT DESCRIPTION***

*Relocating utilities is required as part of the overall City wide road widening plan. As part of this City wide road widening project, the City is concurrently relocating the utilities located in the area while expanding the system at the same time.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$75,000	\$0	\$0	\$0	\$0	\$75,000
<b>Total</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>

**PROJECT NAME:** Water Meters and Related Materials

**PROJECT NUMBER:** 640500A

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.6

***PROJECT DESCRIPTION***

*This is an annually recurring project at various locations. All potable water must be registered and accounted for in order to be in compliance with FAC 62-555. In order to register all potable water, all service lines must be metered. Additionally, this will ensure that all water usage is being accounted for and that revenue is being properly billed and monitored.*

**Funding Summary**

Source/YR	FY 15/16 16/17	FY 16/17 17/18	FY 17/18 18/19	FY 18/190 19/20	FY 19/20 20/21	Total
Drawdown of Fund Balance	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
<b>Total</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$250,000</b>

**PROJECT NAME:** LFA Well (Brackish Deep Well)

**PROJECT NUMBER:** 41015

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.2

**PROJECT DESCRIPTION**

*The scope of this project is complete construction of a brackish aquifer test well and related engineering study and research required to evaluate the hydrogeological characteristics of the Lower Floridan Aquifer (LFA).*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$50,000	\$0	\$0	\$0	\$0	\$50,000
<b>Total</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>

**PROJECT NAME:** Magdalena Well

**PROJECT NUMBER:** 41016

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.2

**PROJECT DESCRIPTION**

*There is a need for an additional well at the City’s Magdalena well site. With the recent completion of the ground storage tank, the additional well will ensure that an adequate supply of water is available during peak demand times. This well will increase operational continuity as related to maintaining water pressure for public health and/or fire protection. The scope of this project covers engineering, design and permitting. The construction phase of this project will begin in FY 16/17.*

**Funding Summary**

Source/YR	FY 15/16 16/17	FY 16/17 17/18	FY 17/18 18/19	FY 18/19 19/20	FY 19/20 20/21	Total
Drawdown of Fund Balance	\$ <del>1</del> 600,000	\$400,000	\$0	\$0	\$0	\$ <del>5</del> 600,000
<b>Total</b>	<b>\$<del>1</del>600,000</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$<del>5</del>600,000</b>

**PROJECT NAME:** Magdalena/Saxon Interconnect

**PROJECT NUMBER:** 43017

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.12

**PROJECT DESCRIPTION**

*The interconnect between Plant 16 and Plant 7 is needed to supply the Plant 16 storage tank. Currently, water demand can drain down the tank faster than the existing well can supply water. The facility could run out of water during a heavy demand cycle such as when firefighting. This well will increase operational continuity as related to maintaining water pressure for public health and/or fire protection.*

**Funding Summary**

Source/YR	FY <del>15/16</del> 16/17	FY <del>16/17</del> 17/18	FY <del>17/18</del> 18/19	FY <del>18/19</del> 19/20	FY <del>19/20</del> 20/21	Total
Drawdown of Fund Balance	<del>\$50,000</del> \$575,000	\$300,000	\$0	\$0	\$0	<del>\$350,000</del> \$575,000
<b>Total</b>	<del>\$50,000</del> \$575,000	<del>\$300,000</del> \$300,000	<del>\$0</del> \$0	<del>\$0</del> \$0	<del>\$0</del> \$0	<del>\$350,000</del> \$575,000

**PROJECT NAME:** Retirement Meters

**PROJECT NUMBER:** 64050B

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.6

**PROJECT DESCRIPTION**

*This is an annually recurring project at various locations. The City is required to retire meters after a specified period of time in order to remain in compliance with FAC 62-555. Retiring meters ensures proper accountability of consumption and ensures that the flow is registered accurately.*

**Funding Summary**

Source/YR	FY <del>15/16</del> 16/17	FY <del>16/17</del> 17/18	FY <del>17/18</del> 18/19	FY <del>18/19</del> 19/20	FY <del>19/20</del> 20/21	Total
Drawdown of Fund Balance	\$60,000	<del>\$60,000</del>	<del>\$60,000</del>	<del>\$60,000</del>	<del>\$60,000</del>	<del>\$300,000</del> \$60,000
<b>Total</b>	<del>\$60,000</del> \$60,000	<del>\$60,000</del> \$60,000	<del>\$60,000</del> \$60,000	<del>\$60,000</del> \$60,000	<del>\$60,000</del> \$60,000	<del>\$300,000</del> \$60,000

**PROJECT NAME:** Wellington WTP Watermain Upgrade

**PROJECT NUMBER:** 42016

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW2

***PROJECT DESCRIPTION***

*The primary watermain leaving the Wellington WTP needs to be replaced. This project will include the engineering, design and permitting with construction anticipated to commence in FY 16/17.*

***Funding Summary***

Source/YR	FY <del>15/16</del> 16/17	FY <del>16/17</del> 17/18	FY <del>17/18</del> 18/19	FY <del>18/19</del> 19/20	FY <del>19/20</del> 20/21	Total
Drawdown of Fund Balance	<del>\$150,000</del> \$600,000	\$500,000	\$0	\$0	\$0	<del>\$650,000</del> \$600,000
<b>Total</b>	<del>\$150,000</del> \$600,000	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<del>\$650,000</del> \$600,000

**PROJECT NAME:** High Service Pump Upgrades

**PROJECT NUMBER:** 45013

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW2

***PROJECT DESCRIPTION***

*High service pumping facilities at the Lombardy, Sagamore, and Courtland 8 Water Treatment Plants are in need of upgrades. The scope of this project includes engineering and permitting as well as construction of improvements at the Sagamore Water Treatment Plant.*

***Funding Summary***

Source/YR	FY <del>15/16</del> 16/17	FY <del>16/17</del> 17/18	FY <del>17/18</del> 18/19	FY <del>18/19</del> 19/20	FY <del>19/20</del> 20/21	Total
Drawdown of Fund Balance	<del>\$150,000</del> \$425,000	\$150,000	\$0	\$0	\$0	<del>\$300,000</del> \$425,000
<b>Total</b>	<del>\$150,000</del> \$425,000	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<del>\$300,000</del> \$425,000

**PROJECT NAME:** LFA Treatment Plant & Well Design (AWS)

**PROJECT NUMBER:** 41017

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

***PROJECT DESCRIPTION***

*The scope of this project includes design and permitting of treatment facilities for Lower Floridan Aquifer (LFA) water sources.*

***Funding Summary***

Source/YR	FY <del>15/16</del> 16/17	FY <del>16/17</del> 17/18	FY <del>17/18</del> 18/19	FY <del>18/19</del> 19/20	FY <del>19/20</del> 20/21	Total
Drawdown of	<del>\$100,000</del>	\$275,000	\$600,000	\$0	\$600,000	<del>\$1,575,000</del>
Fund Balance	<u>\$275,000</u>					<u>\$275,000</u>
<b>Total</b>	<del><b>\$100,000</b></del> <u><b>\$275,000</b></u>	<b>\$275,000</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$600,000</b>	<del><b>\$1,575,000</b></del> <u><b>\$275,000</b></u>

**PROJECT NAME:** [Automation of Interconnect with Volusia County at Normandy Blvd.](#)

**PROJECT NUMBER:** [46022](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*This interconnect is not currently automated and must be opened manually. The installation of an automated system will take place this fiscal year. This project is necessary in order to ensure adequate fire flows and fire safety protection in the Deltona North area which is currently serviced by Volusia County Utilities.*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of	<u>\$150,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$150,000</u>
Fund Balance						
<b>Total</b>	<u><b>\$150,000</b></u>	<u><b>\$0</b></u>	<u><b>\$0</b></u>	<u><b>\$0</b></u>	<u><b>\$0</b></u>	<u><b>\$150,000</b></u>

**PROJECT NAME:** [E. Normandy \(Saxon – Providence\)  
16' Water Main Improvements](#)

**PROJECT NUMBER:** [42017](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*[Due to the anticipated roadway project on this portion of E. Normandy Boulevard, the current utilities need to be relocated. This phase will consist of the design and permitting with construction anticipated to take place in FY 17/18.](#)*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$100,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$100,000</a>
<b>Total</b>	<b><a href="#">\$100,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$100,000</a></b>

**PROJECT NAME:** [Water Main Replacements – Phase 5](#)

**PROJECT NUMBER:** [46901](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*[This is a recurring project at various locations. Water main failures can result in an interruption in service, impact public health as well as have detrimental effects on fire protection. In some instances, the mains are increased in size to accommodate the installation of fire hydrants in the surrounding areas. The benefit of reducing the possibility of loss of service, improving reliability and fire protection to residents should exceed anticipated costs. FY 16/17 costs will include the design, permitting and partial construction of Phase 5.](#)*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$236,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$236,000</a>
Impact Fees	<a href="#">\$264,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$264,000</a>
<b>Total</b>	<b><a href="#">\$500,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$500,000</a></b>

# TRANSPORTATION

## CAPITAL IMPROVEMENT PROJECTS SUMMARY

Project No.	Project	FY	FY	FY	FY	FY	Total
		2015-2016 2016-2017	2016-2017 2017-2018	2017-2018 2018-2019	2018-2019 2019-2020	2019-2020 2020-2021	
33021	Ft. Smith Section 4B (Howland to 415)	\$-1,700,000	\$0	\$0	\$0	\$0	\$-1,700,000
631021	Road Resurfacing	\$500,000 \$856,000	\$500,000 \$3,250,000	\$500,000 \$2,500,000	\$650,000 \$2,500,000	\$650,000 \$2,500,000	\$2,800,000 11,606,000
33064	Howland Blvd./Ft. Smith Blvd. Intersection Improvements	\$400,000	\$0	\$0	\$0	\$0	\$400,000
33066	E. Normandy Blvd (Farrington Dr. to Quincy Ave.)	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
33068	Catalina Blvd./Howland Blvd. Intersection Improvements	\$450,000	\$0	\$0	\$0	\$0	\$450,000
33069	Tivoli Dr. Intersection Improvements	\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000
631001	Sidewalks	\$1,036,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,036,000
<b>Total Projects Expenditures</b>		<b>\$2,600,000</b> <b>\$4,642,000</b>	<b>\$500,000</b> <b>\$4,250,000</b>	<b>\$500,000</b> <b>\$3,500,000</b>	<b>\$650,000</b> <b>\$3,500,000</b>	<b>\$650,000</b> <b>\$3,500,000</b>	<b>\$-4,900,000</b> <b>\$196,392,000</b>

Revenue Source	FY	FY	FY	FY	FY	Total
	2015/2016 2016-2017	2016/2017 2017-2018	2017/2018 2018-2019	2018/2019 2019-2020	2019/2020 2020-2021	
Operating Surplus	\$424,900 \$442,300	\$427,500 \$623,000	\$434,500 \$605,000	\$443,500 \$592,000	\$450,000 \$576,000	\$2,205,400 \$2,838,300
Drawdown of Fund Balance	\$1,480,100 \$3,892,200	\$72,500 \$3,477,000	\$65,500 \$2,745,000	\$206,500 \$2,758,000	\$199,500 \$2,774,000	\$1,999,600 \$15,646,200
Impact Fees	\$195,000 \$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$195,000 \$750,000
General Fund Grants	\$500,000 \$157,500	\$0	\$0	\$0	\$0	\$500,000 \$157,000
<b>Total Revenues</b>	<b>\$2,600,000</b> <b>\$4,642,000</b>	<b>\$500,000</b> <b>\$4,642,000</b>	<b>\$500,000</b> <b>\$3,500,000</b>	<b>\$650,000</b> <b>\$3,500,000</b>	<b>\$650,000</b> <b>\$3,500,000</b>	<b>\$4,900,000</b> <b>\$19,392,000</b>

**PROJECT NAME:** Ft. Smith Section 4 B (Howland to 415)

**PROJECT NUMBER:** 33021

**PLAN ELEMENT:** Transportation

**POLICY NUMBER:** T1-2.4

**PROJECT DESCRIPTION**

*This project is part of the City's overall road widening plan and has been scheduled for several years. As the City has grown, traffic congestion has also increased. This project is intended to alleviate some of that congestion. This project will conclude in FY 15/16. This will be the last major road project the City will undertake until such point in time additional funding is obtained.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Operating Surplus	\$24,900	\$0	\$0	\$0	\$0	\$24,900
Drawdown of Fund Balance	\$1,480,100	\$0	\$0	\$0	\$0	\$1,480,100
Impact Fees	\$195,000	\$0	\$0	\$0	\$0	\$195,000
<b>Total</b>	<b>\$1,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,700,000</b>

**PROJECT NAME:** Road Resurfacing and Striping

**PROJECT NUMBER:** 631021

**PLAN ELEMENT:** Transportation

**POLICY NUMBER:** T1-1.9

**PROJECT DESCRIPTION**

*The consequences resulting from not funding road resurfacing would include undue wear and deterioration on the roadway infrastructure, a tremendous safety and liability issue from increased accidents and a cost increase in repairs and/or complete reconstruction of the roadway at a later date. Resurfacing greatly reduces the hazards and threats to public safety. By restoring rough, damaged and deteriorating roadways to a like-new condition allows the general public to travel more comfortably, safely, and confidently. Road Resurfacing includes putting thermoplastic striping to replace the temporary paint that is initially laid down when a road is resurfaced. Road resurfacing in the FY 14/15 budget is being funded by a transfer from the General Fund.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	\$442,300	\$247,500	\$434,500	\$443,500	\$450,000	\$1,780,500	\$2,838,300
General Fund	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$500,000
Drawdown of Fund Balance	\$413,700	\$72,500	\$65,500	\$206,500	\$199,500	\$519,500	\$8,767,700
<b>Total</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$650,000</b>	<b>\$650,000</b>	<b>\$2,800,000</b>	<b>\$11,606,000</b>

**PROJECT NAME:** ~~Howland Blvd./Ft. Smith Blvd Intersection Improvements~~ **PROJECT NUMBER:** ~~33064~~  
**PLAN ELEMENT:** ~~Transportation~~ **POLICY NUMBER:** ~~T1-2.4~~

**PROJECT DESCRIPTION**

*The project will be constructed as a part of the Volusia County Howland Phase 3 roadway project which includes the reconstruction of the Howland and Ft. Smith intersection. The work will include rural to urban cross section, curb and gutter, bicycle lanes, and 5 foot sidewalks. New turn lanes will be added to Fort Smith Blvd at the intersection of Howland Blvd.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Operating Surplus	\$400,000	\$0	\$0	\$0	\$0	\$400,000
<b>Total</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>

**PROJECT NAME:** [E. Normandy Blvd. \(Farrington Dr. to Quincy Ave.\)](#) **PROJECT NUMBER:** [33066](#)  
**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*[East Normandy is a main thoroughfare and has deteriorated over the last several years and engineering investigation has determined that a rebuild is required rather than repaving. This project is part of the City's overall road widening plan and the condition of this road has been monitored for several years.](#)*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$1,200,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$1,200,000</a>
<b>Total</b>	<b><a href="#">\$1,200,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$1,200,000</a></b>

**PROJECT NAME:** [Catalina Blvd./Howland Blvd. Intersection Improvements](#) **PROJECT NUMBER:** [33068](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*[The project will be constructed in an effort to improve the flow of traffic in this area. This project includes the installation of turn lanes and signalization improvements.](#)*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$450,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$450,000</a>
<b>Total</b>	<b><a href="#">\$450,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$450,000</a></b>

**PROJECT NAME:** [Tivoli Dr. Intersection Improvements](#)

**PROJECT NUMBER:** [33069](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*[Improvements will be made to the intersections at Tivoli and Providence Blvd. as well as Tivoli and Saxon Blvd. Improvements will include additional lanes as well as improvements to the signalization at both intersections.](#)*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$792,500</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$792,500</a>
Grants	<a href="#">\$157,500</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$157,500</a>
Impact Fees	<a href="#">\$150,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$150,000</a>
<b>Total</b>	<b><a href="#">\$1,100,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$1,100,000</a></b>

PROJECT NAME: [Sidewalks](#)

PROJECT NUMBER: [631001](#)

PLAN ELEMENT: Infrastructure

POLICY NUMBER: I4-STW2.1

**PROJECT DESCRIPTION**

*[The City has an on-going program to add sidewalks throughout the City. The current policy is to install sidewalks within ½ mile of elementary schools and on collector roadways.](#)*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$1,036,000</a>	<a href="#">\$850,000</a>	<a href="#">\$850,000</a>	<a href="#">\$850,000</a>	<a href="#">\$850,000</a>	<a href="#">\$4,436,000</a>
Impact Fees	<a href="#">\$0</a>	<a href="#">\$150,000</a>	<a href="#">\$150,000</a>	<a href="#">\$150,000</a>	<a href="#">\$150,000</a>	<a href="#">\$600,000</a>
<b>Total</b>	<a href="#">\$1,036,000</a>	<a href="#">\$1,000,000</a>	<a href="#">\$1,000,000</a>	<a href="#">\$1,000,000</a>	<a href="#">\$1,000,000</a>	<a href="#">\$5,036,000</a>

**STORMWATER  
CAPITAL IMPROVEMENT PROJECTS SUMMARY**

Project No.	Project	FY 2015-2016 <u>2016-2017</u>	FY 2016-2017 <u>2017-2018</u>	FY 2017-2018 <u>2018-2019</u>	FY 2018-2019 <u>2019-2020</u>	FY 2019/2020 <u>2020-2021</u>	Total
21001	Leland Drainage Impr.	\$400,000	\$0	\$0	\$0	\$0	\$400,000
650100	Drainage Pipe Rehab	<del>\$200,000</del> <u>\$150,000</u>	<del>\$200,000</del> <u>\$150,000</u>	<del>\$200,000</del> <u>\$150,000</u>	<del>\$200,000</del> <u>\$150,000</u>	<del>\$200,000</del> <u>\$150,000</u>	<del>\$1,000,000</del> <u>\$750,000</u>
28238	Bonview Ave./ Merchant Terr. Drainage Improvements	\$100,000	\$0	\$0	\$0	\$0	\$100,000
29206	Sky St./Keeling Dr. Drainage Improvements	\$30,000	\$0	\$0	\$0	\$0	\$30,000
29214	Sky St. (Laredo Dr. & Keeling Dr.) Drainage Improvements	\$175,000	\$0	\$0	\$0	\$0	\$175,000
29239	Brickell Dr. Drainage Improvements	<del>\$301,700</del> <u>\$244,600</u>	<del>\$244,592</del> <u>\$59,300</u>	<del>\$59,292</del> <u>\$0</u>	\$0	\$0	<del>\$605,584</del> <u>\$303,900</u>
21100	Monterey Dr. Drainage Improvements	\$75,000	\$0	<u>\$225,000</u>	<del>\$225,000</del>	\$0	<del>\$300,000</del> <u>\$225,000</u>
21114	Lake Fieldstone to Briarwood Outfall Improvements	<del>\$100,000</del> <u>\$320,000</u>	<del>\$325,000</del> <u>\$200,000</u>	\$0	\$0	\$0	<del>\$425,000</del> <u>\$520,000</u>
21101	Montebello Ave. Improvements	\$75,000	\$0	\$0	<del>\$225,000</del>	\$0	<del>\$300,000</del>
21102	Briarwood Lake Ditch Restoration	<del>\$23,400</del> <u>\$75,000</u>	\$0	\$0	\$0	\$0	<del>\$23,400</del> <u>\$75,000</u>
24118	Renton Street Improvements	\$65,000	\$0	\$0	\$0	\$0	\$65,000
21103	1088 Tivoli Dr. Improvements	\$30,000	\$0	\$0	\$0	\$0	\$30,000
21104	920 Sweetbrier Dr. Improvements	\$20,000	\$0	\$0	\$0	\$0	\$20,000
21105	E. Normandy Blvd and E. Hancock Dr. Improvements	\$16,500	\$0	\$0	\$0	\$0	\$16,500
21106	1108 & 1109 Prescott Blvd. Pipe replacement	\$10,000	\$0	\$0	\$0	\$0	\$10,000
21107	1679 N. Wayeross Circle Drainage Improvement	\$20,000	\$0	\$0	\$0	\$0	\$20,000
21108	734 Fruitland Dr. Pipe Replacement	\$14,000	\$0	\$0	\$0	\$0	\$14,000
21109	1169 W. Hancock Dr. Pipe Replacement	\$10,000	\$0	\$0	\$0	\$0	\$10,000
21110	737 Trafalgar St. Pipe Replacement	\$10,000	\$0	\$0	\$0	\$0	\$10,000

<b>21111</b>	<b>Elkeam Blvd. &amp; Nemo Dr. Drainage Improvements</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000</b>
<b>21112</b>	<b>Intersection at Newcomb Ln. &amp; Blaine Cir. Drainage Improvements</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>
<b>21113</b>	<b>Gatewood Dr. between Branchville Dr. &amp; Lynnhaven St. Drainage Improvements</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>
<b>24223</b>	<b>Wakefield Circle</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>
<b>28240</b>	<b>Treadway Dr. &amp; Etta Terr. Drainage Improvements</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000</b>
<b>28241</b>	<b>Beal St. Drainage Improvements (2841)</b>	<b>\$32,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$32,000</b>
<b>21115</b>	<b>Azora Dr. Drainage Improvements (1191/1198)</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>
<b>28242</b>	<b>Roland Dr. Drainage Pipe Replacement (3259)</b>	<b>\$12,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,500</b>
<b>27230</b>	<b>W. Parkton Dr. &amp; Jeffers Dr. Drainage Improvements</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>
<b>28243</b>	<b>Newmark Dr. &amp; Copperfield Ave. Drainage Improvements</b>	<b>\$8,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,000</b>
<b>28244</b>	<b>Comstock Ave. Drainage Improvements (656)</b>	<b>\$8,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,000</b>
<b>24224</b>	<b>Section Line Trail Phase II Drainage Improvements</b>	<b>\$9,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,500</b>
<b>24225</b>	<b>Tivoli/Wheeling Ponds</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>
<b>Total Projects Expenditures</b>		<b>\$1,790,600</b>	<b>\$769,592</b>	<b>-\$259,292</b>	<b>\$650,000</b>	<b>\$200,000</b>	<b>\$3,669,484</b>
		<b>\$1,019,600</b>	<b>\$409,300</b>	<b>\$375,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$2,103,900</b>

Revenue Source	FY 2015/2016 2016-2017	FY 2016/17 2017-2018	FY 2017/2018 2018-2019	FY 2018/2019 2019-2020	FY 2019/2020 2020-2021	Total
Drawdown of Fund Balance	\$570,500	\$68,037	\$158,247	\$363,200	\$150,000	\$1,159,984
Operating Surplus	\$1,039,100	\$554,800	\$65,300	\$286,800	\$200,000	\$2,146,000
Grants	\$181,000	\$146,755	\$35,745	\$0	\$0	\$363,500
<b>Total Revenues</b>	<b>\$1,790,600</b>	<b>\$769,592</b>	<b>\$259,292</b>	<b>\$650,000</b>	<b>\$200,000</b>	<b>\$3,669,484</b>
	<b>\$1,019,600</b>	<b>\$409,300</b>	<b>\$375,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$2,103,900</b>

**PROJECT NAME:** Leland Drainage Improvements **PROJECT NUMBER:** 21001

**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I4 STW2.1

***PROJECT DESCRIPTION***

*The drainage retention area on Leland Dr. adversely affects numerous residents in the Leland and Oslo area, during and after prolonged stormwater events. The drainage area receives water from several inlets. Improvements are needed to handle the flow in the area. Funding this project would greatly increase the level of flood protection for the residents in this area. This project has several benefits that cause it to exceed the cost of its funding. The area currently requires the use of emergency rental pumps to control flooding issues after major storm events.*

***Funding Summary***

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Operating Surplus	\$400,000	\$0	\$0	\$0	\$0	\$400,000
<b>Total</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>

**PROJECT NAME:** Drainage Pipe Rehab.

**PROJECT NUMBER:** 650100

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*The City has several stormwater pipe runs that require lining. These runs are in areas where digging them up would jeopardize structures on private property. If ~~we~~ the City does not address these failures, there could be severe consequences ~~when~~ during the rainy season ~~begins~~.*

***Funding Summary***

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Operating Surplus	<del>\$200,000</del> \$150,000	<del>\$200,000</del> \$150,000	<del>\$65,300</del> \$0	<del>\$200,000</del> \$150,000	<del>\$200,000</del> \$0	<del>\$865,300</del> \$450,000
Drawdown of Fund Balance	\$0	\$0	<del>\$134,700</del> \$150,000	\$0	<del>\$0</del> \$150,000	<del>\$134,700</del> \$300,000
<b>Total</b>	<del>\$200,000</del> \$150,000	<del>\$200,000</del> \$150,000	<del>\$200,000</del> \$150,000	<del>\$200,000</del> \$150,000	<del>\$200,000</del> \$150,000	<del>\$1,000,000</del> \$750,000

~~PROJECT NAME: Bonview Ave./Merchant Terr.  
Drainage Improvements~~

~~PROJECT NUMBER: 28238~~

~~PLAN ELEMENT: Infrastructure~~

~~POLICY NUMBER: I4-STW2.1~~

***PROJECT DESCRIPTION***

*The scope of this project covers engineering, design and permitting for a drainage improvement project for the Bonview Avenue and Merchant Terrace area. This area has experienced flooding in past years and an improved system should help reduce the flooding and better manage stormwater in the area.*

***Funding Summary***

<b>Source/YR</b>	<b>FY 15/16</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>Total</b>
Operating Surplus	\$100,000	\$0	\$0	\$0	\$0	\$100,000
<b>Total</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>

~~PROJECT NAME: Sky St./Keeling Dr. Drainage Improvements~~

~~PROJECT NUMBER: 29206~~

~~PLAN ELEMENT: Infrastructure~~

~~POLICY NUMBER: I4-STW2.1~~

***PROJECT DESCRIPTION***

*The Sky Street/Keeling Drive area experience standing water with no improved drainage apparatuses to control the flow of stormwater and keep it from significantly impacting the residents in the area. This project will provide a means for the water control and should aid in the relief of standing water in the area. Phase 1: engineering, design, and permitting. Phase 2: Construction, will begin in FY 15/16.*

***Funding Summary***

<b>Source/YR</b>	<b>FY 15/16</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>Total</b>
Operating Surplus	\$30,000	\$0	\$0	\$0	\$0	\$30,000
<b>Total</b>	<b>-\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>

**PROJECT NAME:** Sky Street (Laredo Dr. & Keeling Dr.)

**PROJECT NUMBER:** 29214

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

~~This area has standing water in the swales during and after heavy rain event. This project will greatly improve the drainage in this area. This project will eliminate the standing concerns. Phase 1 consists of engineering design and permitting. Phase 2, construction, will begin in FY 15/16.~~

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Operating Surplus	\$175,000	\$0	\$0	\$0	\$0	\$175,000
<b>Total</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,000</b>

**PROJECT NAME:** Brickell Dr. Drainage Improvements

**PROJECT NUMBER:** 29239

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

~~The scope of this project covers construction of drainage improvements for Brickell Drive. This project will treat the stormwater prior to it being discharged into downstream waters. Grant money is pending final approval from the Environmental Protection Agency. ~~of a 60 percent match is pending final approval from the Environmental Protection Agency.~~ This project is continued from FY 15/16. 60% Grant funding.~~

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Operating Surplus	\$120,700	\$29,800	\$0	\$0	\$0	\$150,500
Drawdown of Fund Balance	\$0	\$68,037	\$23,547	\$0	\$0	\$91,584
Grants	<del>\$181,000</del>	<del>\$146,755</del>	<del>\$35,745</del>	\$0	\$0	<del>\$363,500</del>
	\$244,600	\$59,300	\$0	\$0	\$0	\$303,900
<b>Total</b>	<b>\$301,700</b>	<b>\$244,592</b>	<b>\$59,292</b>	<b>\$0</b>	<b>\$0</b>	<b>\$605,584</b>
	\$244,600	\$59,300	\$0	\$0	\$0	\$303,900

**PROJECT NAME:** Monterey Dr. Drainage Improvements

**PROJECT NUMBER:** 21100

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

The roadway in the area of 2072 Monterey Drive experiences standing water after major storm events for extended periods of time. Stormwater in this area needs to be rerouted to a proper drainage retention area. Phase 1 consists of engineering, design and permitting and will take place this fiscal year, with Phase 2 – construction commencing in future years.

**Funding Summary**

Source/YR	FY <del>15/16</del> 16/17	FY <del>16/17</del> 17/18	FY <del>17/18</del> 18/19	FY <del>18/19</del> 19/20	FY <del>19/20</del> 20/21	Total
Operating Surplus	\$0	\$0	\$0	\$86,800	\$0	\$86,800
Drawdown of Fund Balance	\$75,000	\$0	\$225,000	\$138,200	\$0	\$213,200 \$225,000
<b>Total</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$225,000</b>	<b>\$225,000</b>	<b>\$0</b>	<b>\$300,000</b> <b>\$225,000</b>

**PROJECT NAME:** Lake Fieldstone to Briarwood Outfall Improvements

**PROJECT NUMBER:** 21114

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

The current outfall from Lake Fieldstone to Lake Briarwood is inadequate for the volume of stormwater to meet the needs of the area during a major storm event. There are several lakes upstream that rely on this outfall for flood protection. Phase 1 which consists of engineering, design and permitting started in FY 15/16, will take place this fiscal year, with construction as part of Phase 2 taking place this fiscal year in future years.

**Funding Summary**

Source/YR	FY <del>15/16</del> 16/17	FY <del>16/17</del> 17/18	FY <del>17/18</del> 18/19	FY <del>18/19</del> 19/20	FY <del>19/20</del> 20/21	Total
Operating Surplus	\$320,000	<del>\$325,000</del> \$86,000	\$0	\$0	\$0	\$325,000 \$406,000
Drawdown of Fund Balance	\$100,000	\$114,000	\$0	\$0	\$0	\$100,000 \$114,000
<b>Total</b>	<del>\$100,000</del> \$320,000	<del>\$325,000</del> \$200,000	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<del>\$425,000</del> \$520,000

**PROJECT NAME:** Montebello Ave. Improvements

**PROJECT NUMBER:** 21101

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The Montebello Avenue area often experiences high water tables which results in standing water in the swales and intersections for extended periods of time. Improvements are needed in this area to reduce this issue. Phase 1 consists of engineering, design and permitting and will take place this fiscal year, with Phase 2 construction commencing in future years.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$75,000	\$0	\$0	\$225,000	\$0	\$300,000
<b>Total</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>	<b>\$0</b>	<b>\$300,000</b>

**PROJECT NAME:** Briarwood Lake Ditch Restoration

**PROJECT NUMBER:** 21102

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The current ditch and headwall that serves as the outfall to Lake Briarwood is in need of improvement. Phase 1 which consists of engineering, design and permitting began in FY 15/16 and will take place this fiscal year, with construction as part of Phase 2 taking place this fiscal year. —construction commencing in future years.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
	<u>16/17</u>	<u>17/18</u>	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>	
Operating Surplus	\$13,400	\$0	\$0	\$0	\$0	\$13,400
	<u>\$75,000</u>					<u>\$75,000</u>
Drawdown of Fund Balance	\$10,000	\$0	\$0	\$0	\$0	\$10,000
<b>Total</b>	<b>\$23,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,400</b>
	<u>\$75,000</u>					<u>\$75,000</u>

**PROJECT NAME:** Renton Street Improvements

**PROJECT NUMBER:** 24118

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The Renton Street area experiences standing water in the swales for an extended period of time due to the nature of the existing drainage infrastructure. Phase 1 consists of engineering, design and permitting and will take place this fiscal year, with Phase 2 construction commencing in future years.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$65,000	\$0	\$0	\$0	\$0	\$65,000
<b>Total</b>	<b>-\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$65,000</b>

**PROJECT NAME:** 1088 Tivoli Dr. Improvements

**PROJECT NUMBER:** 21103

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The street floods in front of several properties on Tivoli Drive. The proposed improvements would eliminate standing water in the roadway and swale area. This area currently requires Water Over Road signs to be deployed during and after heavy rain events, to warn motor vehicles of water in the road.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$30,000	\$0	\$0	\$0	\$0	\$30,000
<b>Total</b>	<b>-\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>

**PROJECT NAME:** 920 Sweetbrier Dr. Improvements **PROJECT NUMBER:** 21104

**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The area around 920 Sweetbrier Drive has outgrown the existing underground percolation system; the impervious surface has increased greatly in this area over the years. During heavy rain events this system is overwhelmed causing standing water near several homes. The proposed improvements would enlarge this system and greatly increase the underground storage capacity.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$20,000	\$0	\$0	\$0	\$0	\$20,000
<b>Total</b>	<b>-\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>

**PROJECT NAME:** E. Normandy Blvd & E. Hancock Dr. Improvements **PROJECT NUMBER:** 21105

**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The roadway and swales in this area flood during heavy prolonged storm events. The proposed improvements would reduce the standing water in the roadway. This is phase one of three phases that will be needed in this area.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$16,500	\$0	\$0	\$0	\$0	\$16,500
<b>Total</b>	<b>-\$16,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,500</b>

**PROJECT NAME:** 1108 & 1109 Prescott Blvd Pipe Replacement **PROJECT NUMBER:** 21106

**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The road crossing pipe and structures in this area have reached the end of their useful service life. The proposed replacement would replace the pipe and rebuild the two structures.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$10,000	\$0	\$0	\$0	\$0	\$10,000
<b>Total</b>	<b>-\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>

**PROJECT NAME:** 1679 N. Waycross Circle Drainage Improvement **PROJECT NUMBER:** 21107

**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*This area is in need of drainage improvements to better facilitate the stormwater in the area and reduce the number of complaints from area residents. This area is naturally wet so water stands for an extended period of time.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$20,000	\$0	\$0	\$0	\$0	\$20,000
<b>Total</b>	<b>-\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>

**PROJECT NAME:** 734 Fruitland Drive Pipe Replacement

**PROJECT NUMBER:** 21108

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*The existing stormwater system in this area becomes overwhelmed during heavy or prolonged storm events. Improvements would allow more storage during these times which would reduce the amount of standing water on the surface. The scope of this project consists of replacing roughly 240 ft. of 18" HDPE CMP pipe that is over 30 years old and has reached the end of its service life. The proposed replacement would greatly reduce the potential for failures in this system.*

***Funding Summary***

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$14,000	\$0	\$0	\$0	\$0	\$14,000
<b>Total</b>	<b>-\$14,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,000</b>

**PROJECT NAME:** 1169 W. Hancock Drive Pipe Replacement

**PROJECT NUMBER:** 21109

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*The scope of this project includes removing and replacing 160 ft. of 30" CMP that has reached the end of its service life. Replacing this pipe would greatly improve our underground infrastructure.*

***Funding Summary***

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$10,000	\$0	\$0	\$0	\$0	\$10,000
<b>Total</b>	<b>-\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>

**PROJECT NAME:** 737 Trafalgar Street Pipe Replacement

**PROJECT NUMBER:** 21110

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The scope of this project includes removing and replacing 200 ft. of 18" CMP that has reached the end of its service life. Replacing this pipe would reduce the possibility of pipe failure.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$10,000	\$0	\$0	\$0	\$0	\$10,000
<b>Total</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>

**PROJECT NAME:** Elkcarn Blvd. & Nemo Drive Drainage Improvements

**PROJECT NUMBER:** 21111

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The roadway and sidewalk area severely floods during heavy rain events. The proposed improvements would reduce the standing water in this high traffic area.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$15,000	\$0	\$0	\$0	\$0	\$15,000
<b>Total</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000</b>

**PROJECT NAME:** Intersection at Newcomb Ln. & Blaine Cir. **PROJECT NUMBER:** 21112  
 Drainage Improvement

**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The intersection of Newcomb Lane and Blaine Circle experiences standing water during and after strong stormwater events. In order to reduce the potential hazard, improvements need to be made. Phase 1 consists of engineering, design and permitting and will take place this fiscal year, with Phase 2 construction commencing in future years.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$50,000	\$0	\$0	\$0	\$0	\$50,000
<b>Total</b>	<b>-\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>

**PROJECT NAME:** Gatewood Dr. between Branchville Dr. & Lynnhaven St. **PROJECT NUMBER:** 21113  
 Drainage Improvement

**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*The Gatewood Drive area experiences standing water in the swales and roadway for an extended period of time during and after heavy rain events. Phase 1 consists of engineering, design and permitting and will take place this fiscal year, with Phase 2 construction commencing in future years.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$50,000	\$0	\$0	\$0	\$0	\$50,000
<b>Total</b>	<b>-\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>

PROJECT NAME: [Wakefield Circle](#)

PROJECT NUMBER: [24223](#)

PLAN ELEMENT: Infrastructure

POLICY NUMBER: I4-STW2.1

**PROJECT DESCRIPTION**

Replace existing undersized French drain system that has reached its useful life with new larger diameter pipe and new intake structures. Connect to the existing outfall at Providence Blvd.

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	<a href="#">\$75,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$75,000</a>
<b>Total</b>	<b><a href="#">\$75,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$75,000</a></b>

PROJECT NAME: [Treadway Dr. & Etta Terr. Drainage Improvements](#)

PROJECT NUMBER: [28240](#)

PLAN ELEMENT: Infrastructure

POLICY NUMBER: I4-STW2.1

**PROJECT DESCRIPTION**

The intersection floods at this location during heavy rain events. This project will consist of installing several hundred feet of 18" HDPE pipe, multiple Nyloplast Basins, and all associated restoration and swale work.

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	<a href="#">\$15,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$15,000</a>
<b>Total</b>	<b><a href="#">\$15,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$15,000</a></b>

**PROJECT NAME:** Beal St. Drainage Improvements (2841)

**PROJECT NUMBER:** 28241

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

Beal Street floods between E. Juliet Drive and Hope Avenue during and after heavy rain events; flooding the entire street and swale area. To alleviate prolonged standing stormwater, we would install roughly 1,000' of 15" HDPE pipe, 120' of HP pipe, multiple Nyloplast Basins, and all associated restoration and swale work.

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	<u>\$32,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$32,000</u>
<b>Total</b>	<b><u>\$32,000</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$32,000</u></b>

**PROJECT NAME:** Azora Dr. Drainage Improvements (1191/1198)

**PROJECT NUMBER:** 21115

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

Azora Drive experiences significant standing water on the roadway, especially between Bachman Avenue and Wheeling Avenue, during and after heavy rain events. The installation of roughly 520' of 24" HDPE sock pipe, multiple Nyloplast Basins with concrete collars, and all associated restoration and swale work will help to alleviate this.

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	<u>\$30,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$30,000</u>
<b>Total</b>	<b><u>\$30,000</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$30,000</u></b>

PROJECT NAME: [Roland Dr. Drainage Pipe Replacement \(3259\)](#)

PROJECT NUMBER: [28242](#)

PLAN ELEMENT: Infrastructure

POLICY NUMBER: I4-STW2.1

**PROJECT DESCRIPTION**

*[The existing infrastructure in this area has reached the end of its expected service life and is in need of replacement. This project consists of all work associated with replacing roughly 300' of 24" HDPE pipe and 70' of HP pipe.](#)*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	<a href="#">\$12,500</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$12,500</a>
<b>Total</b>	<b><a href="#">\$12,500</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$12,500</a></b>

PROJECT NAME: [W. Parkton Dr. & Jeffers Dr. Drainage Improvements](#)

PROJECT NUMBER: [27230](#)

PLAN ELEMENT: Infrastructure

POLICY NUMBER: I4-STW2.1

**PROJECT DESCRIPTION**

*[This intersection experiences temporary flooding during major rain events. In an effort to alleviate this issue, this project consists of installing roughly 240' of 18" HDPE sock pipe, multiple Nyloplast Basins and other work associated with the restoration and swales.](#)*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	<a href="#">\$20,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$20,000</a>
<b>Total</b>	<b><a href="#">\$20,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$20,000</a></b>

**PROJECT NAME:** [Newmark Dr. & Copperfield Ave. Drainage Improvements](#)

**PROJECT NUMBER:** [28,243](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*[This intersection experiences temporary flooding during major rain events. In an effort to alleviate this issue, this project consists of installing roughly 140' of 15" HDPE pipe, 40' of HP pipe, multiple Nyloplast Basins and other work associated with the restoration and swales.](#)*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	<a href="#">\$8,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$8,000</a>
<b>Total</b>	<b><a href="#">\$8,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$8,000</a></b>

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**PROJECT NAME:** [Comstock Ave. Drainage Improvements \(656\)](#)

**PROJECT NUMBER:** [28244](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*[Several properties in this area experience a significant amount of standing water from the local area runoff. To alleviate some of this standing water, this project consists of the installation of roughly 160' of 18" HDPE pipe, grated structures and all other work associated with the restoration and swales.](#)*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	<a href="#">\$8,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$8,000</a>
<b>Total</b>	<b><a href="#">\$8,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$8,000</a></b>

**PROJECT NAME:** [Section Line Trail Phase II  
Drainage Improvements](#)

**PROJECT NUMBER:** [24224](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*[The existing infrastructure in this area has reached the end of its expected service life and is in need of replacement. This project consists of all work associated with replacing existing pipe with roughly 500' of 12" HDPE pipe and all other work associated with the restoration and swales.](#)*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	<a href="#">\$9,500</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$9,500</a>
<b>Total</b>	<b><a href="#">\$9,500</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$9,500</a></b>

**PROJECT NAME:** [Tivoli/Wheeling Ponds](#)

**PROJECT NUMBER:** [24225](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*[Clear two lots purchased by the City, excavate and form ponds for the purpose of stormwater retention to alleviate elevation of water on the pavement.](#)*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Operating Surplus	<a href="#">\$20,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$20,000</a>
<b>Total</b>	<b><a href="#">\$20,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$20,000</a></b>

# WASTEWATER

## CAPITAL IMPROVEMENT PROJECTS SUMMARY

Project No.	Project	FY 2015-2016 2016-2017	FY 2016-2017 2017-2018	FY 2017-2018 2018-2019	FY 2018-2019 2019-2020	FY 2019-2020 2020-2021	Total
46010	Eastern Wastewater Treatment Plant	-\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
45009	Rehab Sewer Collection System	\$150,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
43014	Reclaimed Water System Interconnect	\$368,700	\$0	\$0	\$0	\$0	\$368,700
43001	Lift Station Rehabs	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
41013	Lake Monroe Reclaim Withdrawal Phase 4A	\$6,500,000	\$1,000,000	\$3,000,000	\$2,000,000	\$0	\$6,500,000
41014	Lake Monroe Reclaim Withdrawal Phase 4B	\$150,000	\$250,000	\$250,000	\$2,000,000	\$3,000,000	\$5,650,000
45010	Reclaimed Water System-Dewey Boster	\$250,000	\$250,000	\$0	\$0	\$0	\$30250,000
45011	Reclaimed Water System-Coventry	\$120,000	\$200,000	\$0	\$0	\$0	\$3200,000
45012	Reclaimed Water System-Live Oak	\$120,000	\$200,000	\$0	\$0	\$0	\$3200,000
44002	EWWTPLS/FM Improvements	\$400,000	\$0	\$0	\$0	\$0	\$400,000
43018	East Side School Reclaim Connects (CUP/AWS)	\$50,000	\$0	\$0	\$0	\$0	\$50,000
44013	Alexander Ave. Phase 2 RIB	\$40150,000	\$0	\$0	\$0	\$0	\$40150,000
43019	Farrington Lift Station & Force Main	\$150,000	\$500,000	\$0	\$0	\$0	\$650,000
44014	Alexander Ave. Phase 3 RIB	\$250,000	\$0	\$0	\$0	\$0	\$250,000
45014	Reclaimed Water System Expansion (CUP/AWS)	\$150,000	\$0	\$0	\$0	\$0	\$150,000
43022	Florida Dr. Manhole Replacement	125,000	\$0	\$0	\$0	\$0	\$125,000
40025	Ground Storage Tank (GST) Rehabilitation	\$100,000	\$0	\$0	\$0	\$0	\$100,000
43023	Zinnia Dr. Manhole Replacement	\$250,000	\$0	\$0	\$0	\$0	\$250,000
43021	Fisher EQ Tank Replacement	\$75,000	\$0	\$0	\$0	\$0	\$75,000
<b>Total Projects Expenditures</b>		<b>\$3,943,700</b> <b>\$8,825,000</b>	<b>\$2,575,000</b>	<b>\$3,425,000</b>	<b>\$4,175,000</b>	<b>\$3,175,000</b>	<b>\$17,293,700</b> <b>\$8,825,000</b>

Revenue Source	FY <del>2015/2016</del> 2016/2017	FY <del>2016/2017</del> 2017/2018	FY <del>2017/2018</del> 2018/2019	FY <del>2018/2019</del> 2019/2020	FY <del>2019/2020</del> 2020/2021	Total
Drawdown of Fund Balance	<del>\$1,623,700</del> \$2,825,000	\$1,325,000	\$175,000	\$175,000	\$175,000	<del>\$3,473,700</del> \$2,825,000
Impact Fees	\$170,000	\$0	\$0	\$0	\$0	\$170,000
SRF Loan Proceeds	<del>\$2,050,000</del> \$3,525,000	\$920,000	\$2,260,000	\$2,680,000	\$2,010,000	<del>\$9,920,000</del> \$3,525,000
Grants	<del>\$100,000</del> \$2,475,000	\$330,000	\$990,000	\$1,320,000	\$990,000	<del>\$3,730,000</del> \$2,475,000
<b>Total Revenues</b>	<del>\$3,943,700</del> \$8,825,000	<del>\$2,575,000</del>	<del>\$3,425,000</del>	<del>\$4,175,000</del>	<del>\$3,175,000</del>	<del>\$17,293,700</del> \$8,825,000

**PROJECT NAME:** Eastern Wastewater Treatment Plant **PROJECT NUMBER:** 46010

**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I2-SS1.3

**PROJECT DESCRIPTION**

*This is an on-going project. This project will carry over into FY 14/15 and beyond. This plant will support the development on the east side of the City and help alleviate some of the flows that go through the current wastewater treatment plant.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Grants	\$100,000	\$0	\$0	\$0	\$0	\$100,000
SRF Loan Proceeds (EWWTTP)	\$1,400,000	\$0	\$0	\$0	\$0	\$1,400,000
<b>Total</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500,000</b>

**PROJECT NAME:** Rehab Sewer Collection System

**PROJECT NUMBER:** 45009

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

**PROJECT DESCRIPTION**

*Not addressing the aging sewer collection system will result in failures. A failure will cause a loss in sewer service to the residents and an environmental release of raw sewage to the surrounding communities and environment. Repairing the collection system not only avoids costs associated with emergency repairs but also reduces the amount of ground water leaking into the system that is then treated at the wastewater facility. This reduces the direct costs on chemicals used to treat ground water and could also offset the need for capital expansion due to capacity at the wastewater facility.*

**Funding Summary**

Source/YR	FY 15/16 16/17	FY 16/17 17/18	FY 17/18 18/19	FY 18/19 19/20	FY 19/20 20/21	Total
Drawdown of Fund Balance	\$150,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
<b>Total</b>	<b>\$150,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>

**PROJECT NAME:** Reclaimed Water System Interconnect

**PROJECT NUMBER:** 43014

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I1-PW1.10

**PROJECT DESCRIPTION**

*This reclaimed interconnect project is identified as one of the West Volusia Water Suppliers' projects that is necessary to share water resources with other entities involved. This is also a requirement of the City's CUP.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$198,700	\$0	\$0	\$0	\$0	\$198,700
Impact Fees	\$170,000	\$0	\$0	\$0	\$0	\$170,000
<b>Total</b>	<b>\$368,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$368,700</b>

**PROJECT NAME:** Lift Station Rehabs

**PROJECT NUMBER:** 43001

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

**PROJECT DESCRIPTION**

*This is an annually recurring project at various locations. Lift station failures result in loss of sewer service to customers as well as sanitary sewer overflows (SSO's) to the environment. SSO's can result in administrative fines from the FDEP or EPA. A proactive approach is less costly than costs associated with emergency repair, clean up and fines.*

**Funding Summary**

Source/YR	FY 15/16 16/17	FY 16/17 17/18	FY 17/18 18/19	FY 18/19 19/20	FY 19/20 20/21	Total
Drawdown of Fund Balance	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
<b>Total</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$375,000</b>

**PROJECT NAME:** Lake Monroe Reclaim Withdrawal Phase 4A

**PROJECT NUMBER:** 41013

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

**PROJECT DESCRIPTION**

*The scope of this project consists of completion of engineering and permitting services and to begin construction related to improvements to the 122 acre RIB site. This project includes a lined reservoir, filter equipment, chemical feed equipment, and alum feed system, piping, appurtenances, electrical & instrumentation, and site work.*

**Funding Summary**

Source/YR	FY	FY	FY	FY	FY	Total
	<del>15/16</del> 16/17	<del>16/17</del> 17/18	<del>17/18</del> 18/19	<del>18/19</del> 19/20	<del>19/20</del> 20/21	
Grants	\$2,475,000	\$330,000	\$990,000	\$660,000	\$0	<del>\$1,980,000</del> \$2,475,000
SRF Loan Proceeds (EWWTP)	<del>\$500,000</del> \$3,525,000	\$670,000	\$2,010,000	\$1,340,000	\$0	<del>\$4,520,000</del> \$3,525,000
<b>Total</b>	<del>\$500,000</del> \$6,000,000	<del>\$1,000,000</del>	<del>\$3,000,000</del>	<del>\$2,000,000</del>	<del>\$0</del>	<del>\$6,500,000</del> \$6,000,000

**PROJECT NAME:** Lake Monroe Reclaim Withdrawal Phase 4B

**PROJECT NUMBER:** 41014

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

**PROJECT DESCRIPTION**

*This project covers the beginning of engineering and permitting services for Phase 4B of the Lake Monroe project. The scope of the project includes the pipeline, intake structures, pump station, and an additional 2MG storage tank.*

**Funding Summary**

Source/YR	FY	FY	FY	FY	FY	Total
	<del>15/16</del> 16/17	<del>16/17</del> 17/18	<del>17/18</del> 18/19	<del>18/19</del> 19/20	<del>19/20</del> 20/21	
<del>Grants</del> <u>Drawdown of Fund Balance</u>	\$500,000	\$0	\$0	\$660,000	\$990,000	<del>\$1,650,000</del> \$500,000
<del>SRF Loan Proceeds (EWWTP)</del>	\$150,000	\$250,000	\$250,000	\$1,340,000	\$2,010,000	\$4,000,000
<b>Total</b>	<del>\$150,000</del> \$500,000	<del>\$250,000</del>	<del>\$250,000</del>	<del>\$2,000,000</del>	<del>\$3,000,000</del>	<del>\$5,650,000</del> \$500,000

**PROJECT NAME:** Reclaimed Water System-Dewey Boster

**PROJECT NUMBER:** 45010

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

**PROJECT DESCRIPTION**

*This project is designed to expand the existing reclaim water service to additional areas. This project is part of a larger effort to provide alternative means of irrigation for customers to reduce the impact on the draw from the aquifer.*

**Funding Summary**

Source/YR	FY <del>15/16</del> 16/17	FY <del>16/17</del> 17/18	FY <del>17/18</del> 18/19	FY <del>18/19</del> 19/20	FY <del>19/20</del> 20/21	Total
Drawdown of Fund Balance	\$250,000	<del>\$250,000</del>	\$0	\$0	\$0	<del>\$300,000</del> \$250,000
<b>Total</b>	<b>\$250,000</b>	<b><del>\$250,000</del></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b><del>\$300,000</del> \$250,000</b>

**PROJECT NAME:** Reclaimed Water System-Coventry

**PROJECT NUMBER:** 45011

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

**PROJECT DESCRIPTION**

*This project is designed to expand the existing reclaim water service to additional areas. This project is part of a larger effort to provide alternative means of irrigation for customers to reduce the impact on the draw from the aquifer.*

**Funding Summary**

Source/YR	FY <del>15/16</del> 16/17	FY <del>16/17</del> 17/18	FY <del>17/18</del> 18/19	FY <del>18/19</del> 19/20	FY <del>19/20</del> 20/21	Total
Drawdown of Fund Balance	\$1200,000	<del>\$200,000</del>	\$0	\$0	\$0	<del>\$300,000</del> \$200,000
<b>Total</b>	<b>\$1200,000</b>	<b><del>\$200,000</del></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b><del>\$300,000</del> \$200,000</b>

**PROJECT NAME:** Reclaimed Water System-Live Oak

**PROJECT NUMBER:** 45012

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

**PROJECT DESCRIPTION**

*This project is designed to expand the existing reclaim water service to additional areas. This project is part of a larger effort to provide alternative means of irrigation for customers to reduce the impact on the draw from the aquifer.*

**Funding Summary**

Source/YR	FY 15/16 16/17	FY 16/17 17/18	FY 17/18 18/19	FY 18/19 19/20	FY 19/20 20/21	Total
Drawdown of Fund Balance	\$1200,000	\$200,000	\$0	\$0	\$0	\$300,00 \$200,000
<b>Total</b>	<b>\$1200,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b> <b>\$200,000</b>

~~**PROJECT NAME:** EWWTP-LS/FM Improvements~~

~~**PROJECT NUMBER:** 44002~~

~~**PLAN ELEMENT:** Infrastructure~~

~~**POLICY NUMBER:** I2-SS1.7~~

~~**PROJECT DESCRIPTION**~~

~~*This is an on-going project. The scope of the project covers the design and necessary construction to modify 46 lift stations, public and private, that will be impacted by redirecting flows to the new Eastern Water Reclamation Facility.*~~

~~**Funding Summary**~~

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$400,000	\$0	\$0	\$0	\$0	\$400,000
<b>Total</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>

**PROJECT NAME:** East Side School Reclaim Connects (CUP/AWS) **PROJECT NUMBER:** 43018

**PLAN ELEMENT:** Infrastructure **POLICY NUMBER:** I2-SS1.7

**PROJECT DESCRIPTION**

*This project is designed to expand the existing reclaim water service to additional areas. This project is part of the larger effort to provide alternative means of irrigation for customers to reduce the impact on the draw from the aquifer.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$50,000	\$0	\$0	\$0	\$0	\$50,000
<b>Total</b>	<b>-\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>

**PROJECT NAME:** Alexander Ave. Phase 2 RIB

**PROJECT NUMBER:** 44013

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

**PROJECT DESCRIPTION**

*This RIB site is physically located on the southern portion of the 122 acre site. The completion and operation of the EWRf relies on the completion of this project as part of the issued FDEP permit for the EWRf. Development in the City's growth areas and the SR 415 corridor depends upon the provision of sewer service as well as the success of this project.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$400,000	\$0	\$0	\$0	\$0	\$400,000
	\$150,000					\$150,000
<b>Total</b>	<b>-\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>
	\$150,000					\$150,000

**PROJECT NAME:** Farrington Lift Station & Force Main

**PROJECT NUMBER:** 43019

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I2-SS1.7

**PROJECT DESCRIPTION**

*Utility improvements are required as part of the overall City wide road improvements plan. As part of the road improvement project, the City is simultaneously installing sanitary sewer service to save future costs. This project consists of a lift station and associated force main needed to connect the sanitary sewer to the current Deltona Water sewer system.*

**Funding Summary**

Source/YR	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Total
Drawdown of Fund Balance	\$150,000	\$500,000	\$0	\$0	\$0	\$650,000
<b>Total</b>	<b>\$150,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$650,000</b>

**PROJECT NAME:** [Alexander Ave. Phase 3 RIB](#)

**PROJECT NUMBER:** [44014](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

**PROJECT DESCRIPTION**

*This project consists of the design and permitting of Phase 3 of the RIB site. This is to design the additional ribs to be constructed on the 40 acres immediately north of the existing rib site. Construction is anticipated to begin in FY 17/18.*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$250,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$250,000</a>
<b>Total</b>	<b><a href="#">\$250,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$250,000</a></b>

**PROJECT NAME:** [Reclaimed Water System Expansion \(CUP/AWS\)](#)

**PROJECT NUMBER:** [45014](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*[Reclaimed main expansion projects are needed primarily for the eastern portion of Deltona to be able to provide reclaimed water to residential and commercial properties. The reclaimed water will be provided by the EWRf. This expansion will assist with meeting regulatory and compliance requirements for the City's CUP and Alternative Water.](#)*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$150,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$150,000</a>
<b>Total</b>	<b><a href="#">\$150,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$150,000</a></b>

**PROJECT NAME:** [Florida Dr. Manhole Replacement](#)

**PROJECT NUMBER:** [43022](#)

**PLAN ELEMENT:** Infrastructure

**POLICY NUMBER:** I4-STW2.1

***PROJECT DESCRIPTION***

*[This project consists of replacing two sewer manholes as well as the associated piping in between them and the portion that feeds into the existing lift station. The area surrounding the manholes has naturally changed over time and has caused issues with the existing infrastructure. This project would improve the overall reliability of the system in this area.](#)*

***Funding Summary***

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$125,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$125,000</a>
<b>Total</b>	<b><a href="#">\$125,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$125,000</a></b>

PROJECT NAME: [Ground Storage Tank \(GST\) Rehabilitation](#)

PROJECT NUMBER: [40025](#)

PLAN ELEMENT: Infrastructure

POLICY NUMBER: I4-STW2.1

**PROJECT DESCRIPTION**

*[As a result of a recent sanitary survey, it was noted that the City has a GST in need of rehabilitation. This project is to make the necessary rehabilitation and is expected to satisfy the requirements of the sanitary survey.](#)*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$100,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$100,000</a>
<b>Total</b>	<b><a href="#">\$100,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$100,000</a></b>

PROJECT NAME: [Zinnia Dr. Manhole Replacement](#)

PROJECT NUMBER: [43023](#)

PLAN ELEMENT: Infrastructure

POLICY NUMBER: I4-STW2.1

**PROJECT DESCRIPTION**

*[This project consists of replacing two sewer manholes and roughly 500' of gravity lines that are old and experience root issues. This project would improve the overall reliability of the system in this area.](#)*

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$250,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$250,000</a>
<b>Total</b>	<b><a href="#">\$250,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$250,000</a></b>

PROJECT NAME: [Fisher EQ Tank Replacement](#)

PROJECT NUMBER: [43021](#)

PLAN ELEMENT: Infrastructure

POLICY NUMBER: I4-STW2.1

**PROJECT DESCRIPTION**

The flow equalization basin at Fisher has deteriorated due to its age. Repairs are no longer cost effective and it needs to be replaced. The tank will be replaced with a concrete one along with the refurbishment of the headworks. Design and permitting will take place this fiscal year with construction anticipated to take place in FY 17/18.

**Funding Summary**

Source/YR	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Drawdown of Fund Balance	<a href="#">\$75,000</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$0</a>	<a href="#">\$75,000</a>
<b>Total</b>	<b><a href="#">\$75,000</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$0</a></b>	<b><a href="#">\$75,000</a></b>

**PARKS AND RECREATION**

**CAPITAL IMPROVEMENT PROJECTS SUMMARY**

<u>Project No.</u>	<u>Project</u>	<u>FY 2016-2017</u>	<u>FY 2017-2018</u>	<u>FY 2018-2019</u>	<u>FY 2019-2020</u>	<u>FY 2020-2021</u>	<u>Total</u>
<u>30502</u>	<u>Community Center</u>	<u>\$ 6,000,000</u>	<u>\$2,480,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$8,480,000</u>
<u>650100</u>	<u>Neighborhood Park</u>	<u>\$100,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$100,000</u>
<u>03115</u>	<u>Lakeshore Loop Trail Construction</u>	<u>\$629,200</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$629,200</u>
<u>Total Projects Expenditures</u>		<u>\$6,729,200</u>	<u>\$2,480,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$9,209,200</u>

<u>Revenue Source</u>	<u>FY 2016/2017</u>	<u>FY 2017/2018</u>	<u>FY 2018/2019</u>	<u>FY 2019/2020</u>	<u>FY 2020/2021</u>	<u>Total</u>
<u>Drawdown of Fund Balance</u>	<u>\$5,520,000</u>	<u>\$2,180,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$7,700,000</u>
<u>Grants</u>	<u>\$909,200</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$909,200</u>
<u>Transfer In</u>	<u>\$300,000</u>	<u>\$300,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$600,000</u>
<u>Total Revenues</u>	<u>\$6,729,200</u>	<u>\$2,480,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$9,209,200</u>

**PROJECT NAME:** Community Center

**PROJECT NUMBER:** 30502

**PLAN ELEMENT:** Parks and Recreation

**POLICY NUMBER:**

**PROJECT DESCRIPTION**

*The Center at Deltona (new Community Center) is a proposed ±29,000 SF building to be constructed at a City-owned tract located at 1640 Dr. Martin Luther King, Jr. Blvd. The Center is designed to be a multi-purpose building to include a Council on Aging area for senior citizens, a ±7,500 SF assembly hall with raised stage for community events, a pre-function gathering hall, conference rooms, wedding dressing rooms, administrative offices, two kitchens, and an event lawn.*

**Funding Summary**

<u>Source/YR</u>	<u>FY 16/17</u>	<u>FY 17/18</u>	<u>FY 18/19</u>	<u>FY 19/20</u>	<u>FY 20/21</u>	<u>Total</u>
<u>Drawdown of Fund Balance</u>	<u>\$5,420,000</u>	<u>\$2,180,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$7,600,000</u>
<u>Grants</u>	<u>\$280,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$280,000</u>
<u>Transfer In</u>	<u>\$300,000</u>	<u>\$300,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$600,000</u>
<b><u>Total</u></b>	<b><u>\$6,000,000</u></b>	<b><u>\$2,480,000</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$8,480,000</u></b>

**PROJECT NAME:** Neighborhood Park

**PROJECT NUMBER:** 650100

**PLAN ELEMENT:** Parks and Recreation

**POLICY NUMBER:** PR1-109

**PROJECT DESCRIPTION**

*The scope of this project includes creating an open green space area, adding a small playground, park benches and picnic area in order to provide a gathering place for the residents within the neighborhood. Location TBD.*

**Funding Summary**

<u>Source/YR</u>	<u>FY 16/17</u>	<u>FY 17/18</u>	<u>FY 18/19</u>	<u>FY 19/20</u>	<u>FY 20/21</u>	<u>Total</u>
<u>Drawdown of Fund Balance</u>	<u>\$100,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$100,000</u>
<b><u>Total</u></b>	<b><u>\$100,000</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$100,000</u></b>

**PROJECT NAME:** Lakeshore Loop Trail Construction

**PROJECT NUMBER:** 03115

**PLAN ELEMENT:** Parks and Recreation

**POLICY NUMBER:** PR1-2.8

**PROJECT DESCRIPTION**

*The Lakeshore Loop Trail is designed to continue parks enhancements for the community near Lake Monroe. The trail adds to the Thornby Park playground and property purchased, connects Volusia County's Spring-to-Spring Trail as an alternative route to Green Springs, enhances the City's property/existing Community Center along Lakeshore Drive as a potential trailhead in the future, and will provide a safe means for people to enjoy the Lake Monroe lakeshore area. The trail also enhances the St. Johns River to Sea Trail Loop on a State-wide level. Trail funding, similar to funding for Thornby Park, maximizes leveraging of alternative funding sources to minimize impacts to the City's General Fund. The trail construction and design dollars are being funded by the FDOT/TPO for 90% and the 10% grant match from the City is to be funded by ECHO grant funds.*

**Funding Summary**

<u>Source/YR</u>	<u>FY 16/17</u>	<u>FY 17/18</u>	<u>FY 18/19</u>	<u>FY 19/20</u>	<u>FY 20/21</u>	<u>Total</u>
<u>Grant</u>	<u>\$629,200</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$629,200</u>
<u>Total</u>	<u>\$629,200</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$629,200</u>

# APPENDIX B

## Certification of Availability of Permitted Disposal Capacity



September 10, 2015

Mr. Tom Lubozynski, P.E.  
Section Supervisor  
Waste Management Program – Central District  
Florida Department of Environmental Protection  
Orlando, Florida 32803-3767

Re: Annual Remaining Capacity and Site Life Report  
Tomoka Farms Road Solid Waste Management Facility  
Class I Landfill Permit No. SO64-0078767-023  
Class III Landfill Permit No. SC64-0078767-019  
WACS # 27540

Dear Mr. Lubozynski,

On behalf of the Volusia County Solid Waste Division, HDR Engineering, Inc. is hereby submitting this annual estimate of remaining capacity for the Tomoka Farms Road Solid Waste Management Facility in accordance with 62-701.500(13)(c), FAC.

The following table presents the calculated remaining capacity and estimated site life as of May 7, 2015:

	Remaining Disposal Capacity (cubic yards)	Closure Date
North Cell Class I Landfill with Phase 2 Area 3 Expansion	3,353,025	March 2025
Class III Landfill	4,031,703	July 2044

- Notes:
1. Remaining disposal capacity is based on as-built conditions, topographic survey flown on May 7, 2015 and final grades developed by HDR for North Cell Class I Landfill (excluding Phase 2 Area 4 expansion). This above capacity does not include volume for final cap.
  2. Closure date is based on average per capita utilization rates from past six years and population projections from the Office of Economic and Demographic Research (EDR).
  3. The North Cell Phase 2, Area 4 Expansion is permitted by the FDEP for construction but it has not yet been constructed and certified by the FDEP for disposal.

Please contact me if you have any questions or comments at (904) 598-8900.

Sincerely,

HDR Engineering, Inc.

A handwritten signature in black ink, appearing to read "M Roberts", is centered within a light gray rectangular box.

Mark Roberts  
Project Manager

cc: Leonard Marion, Volusia County Solid Waste Division  
Jennifer Stirk, Volusia County Solid Waste Division  
Regina Montgomery, Volusia County Solid Waste Division



**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**  
CENTRAL DISTRICT  
3319 MAGUIRE BOULEVARD, SUITE 232  
ORLANDO, FLORIDA 32803

RICK SCOTT  
GOVERNOR

HERSCHEL T. VINYARD JR.  
SECRETARY

May 28, 2013

NOTICE OF PERMIT

By-Email

[mkaiser@wasteservicesinc.com](mailto:mkaiser@wasteservicesinc.com)

In the matter of an  
Application for Permit  
By:

Mr. Mike Kaiser  
Sanford Recycling and Transfer, Inc.  
2893 Executive Park Drive  
Weston, FL 33331

OCD-SW-13-1567

Seminole County – SW WACS # 90926  
Sanford Recycling and Transfer Station  
Class I Transfer Station and MRF-WPF  
DEP File No. 0203666-007-SO-31

Dear Mr. Kaiser:

Enclosed is Permit Number 0203666-007-SO-31 to continue operation of the Sanford Recycling and Transfer Station, Class I Transfer Station and Materials Recovery Facility – Waste Processing Facility, issued under Sections 403.061(14) and 403.707, of the Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit under section 120.68 of the Florida Statutes, by the filing of a Notice of Appeal under rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000 and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this notice is filed with the Clerk of the Department.

Mr. Mike Kaiser  
Sanford Recycling and Transfer, Inc.  
OCD-SW-13-1567  
May 28, 2013  
Page 2 of 2

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

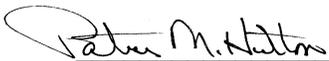


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Jeff Prather  
Director, Central District

FILING AND ACKNOWLEDGMENT

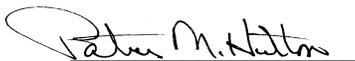
FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

  
Clerk

May 28, 2013  
Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were sent before the close of business on May 28, 2013 to the listed persons.

  
Clerk

JP/ftl/kr

Enclosures

1. Permit No. 0203666-007-SO-31

Copies furnished to:

Richard Tedder, P.E. – FDEP Tallahassee, [Richard.Tedder@dep.state.fl.us](mailto:Richard.Tedder@dep.state.fl.us)  
FDEP Solid Waste Financial Coordinator, [solid.waste.financial.coordinator@dep.state.fl.us](mailto:solid.waste.financial.coordinator@dep.state.fl.us)  
James E. Golden, P.E. – HSA Golden, [jgolden@hsagolden.com](mailto:jgolden@hsagolden.com)  
Reggie Phillips – FDEP Central District, [reggie.phillips@dep.state.fl.us](mailto:reggie.phillips@dep.state.fl.us)  
Gloria DePradine – FDEP Central District, [Gloria.depradine@dep.state.fl.us](mailto:Gloria.depradine@dep.state.fl.us)



**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**

CENTRAL DISTRICT  
3319 MAGUIRE BOULEVARD, SUITE 232  
ORLANDO, FLORIDA 32803-3767

RICK SCOTT  
GOVERNOR

HERSCHEL T. VINYARD JR.  
SECRETARY

Permit Issued to:

Sanford Recycling and Transfer, Inc.  
2893 Executive Park Drive  
Weston, Florida  
(904) 673-0446

Facility WACS ID No.: 90926  
Sanford Recycling and Transfer Station  
555 North White Cedar Road  
Sanford, Seminole County, Florida

Contact Person:

Mike Kaiser, Regional Engineer  
[mkaiser@wasteservicesinc.com](mailto:mkaiser@wasteservicesinc.com)

**Solid Waste Operation Permit – Waste Processing Facility**  
Permit No.: 0203666-007-SO-31

Permit Issued: May 28, 2013  
Permit Renewal Application Due Date: 02/10/2018  
Permit Expires: 04/12/2018

**Permitting Authority**

Florida Department of Environmental Protection  
Central District Office  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767  
(407) 897-4100  
[DEP\\_CD@dep.state.fl.us](mailto:DEP_CD@dep.state.fl.us)

## **SECTION 1 - SUMMARY INFORMATION**

### **A. Authorization**

The permittee is hereby authorized to operate a waste processing facility in accordance with the specific and general conditions of this permit and any documents attached to this permit or specifically referenced in this permit and made a part of this permit.

This solid waste operation permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 62-701 and 62-711.

This permit does not relieve the permittee from complying with any other appropriate local zoning or land use ordinances or with any other laws, rules or ordinances. Receipt of any permit from the Department does not relieve the applicant from obtaining other federal, state, and local permits and/or modifications required by law, including those from other sections within the Department or of the Water Management District.

### **B. Facility Location**

The facility is located at 555 North White Cedar Road, Sanford, in Section 16, Township 19S, Range 30E, in Seminole County, Florida (Latitude 28° 49' 10" and Longitude 81° 18' 37").

### **C. Facility Description**

The permittee is hereby authorized to perform the following operations at the facility:

- To operate the Sanford Recycling and Transfer Station. The facility occupies 7.66 acres.
- The facility will accept Class I waste, Class III waste and waste tires.
  - Transfer Station: The Class I waste will be placed into transport vehicles and hauled to a Department permitted Class I landfill.
  - Class III MRF: Recyclable materials will be separated from the Class III waste stream. The residual waste will be hauled to a Department permitted Class III or Class I landfill. The Class III recycling operation will consist of mechanical and manual screening, sorting, bailing, wood chipping. Materials will be processed and stored on-site.
  - Waste Tire Processing: Waste tires will be stored and processed on site.
- The facility utilizes a leachate collection system. Leachate is collected and piped directly to the WWTF. Construction plans are approved for an above ground leachate storage tank should an alternative to direct piping become necessary (reference permit modification SO59-0203666-005 which has been incorporated into this permit renewal).

**D. Appendices Made Part of This Permit**

APPENDIX 1 - General Conditions

APPENDIX 2 – List of Documents Incorporated into this Permit

APPENDIX 3 – Material Disposition (Establishes the maximum storage volume for each type of material)

**E. Attachments for Informational Purposes Only**

[None]

## SECTION 2 - SPECIFIC CONDITIONS

### A. Administrative Requirements

1. Documents Part of This Permit. The permit application **as finally revised, replaced or amended** in response to the Department's Request(s) for Additional Information are contained in the Department's files and are made a part of this permit. Those documents that make up the complete permit application are listed in APPENDIX 2.
2. Permit Modification. Any change to construction, operation or monitoring requirements of this permit may require a modification to this permit, in accordance with the provisions of Rule 62-701.320(4), F.A.C.
3. Permit Renewal. In order to ensure uninterrupted operation of this facility, a timely and sufficient permit renewal application must be submitted to the Department in accordance with Rule 62-701.320(10), F.A.C. A permit application submitted at least 61 days prior to the expiration of this permit is considered timely and sufficient.
4. Transfer of Permit or Name Change. In accordance with Rule 62-701.320(11), F.A.C., the Department must be notified in writing within 30 days: (1) of any sale or conveyance of the facility; (2) if a new or different person takes ownership or control of the facility; or (3) if the facility name is changed.

### B. Construction Requirements

1. Construction Authorized. An alternative leachate collection system had been approved in permit modification SO59-0203666-005. That authorization (specifically, construction of a 2,000-gallon above-ground double-wall polyethylene (PE) holding tank to replace the direct piping to a WWTP) is included in this permit. The Department shall be notified at least 14 days prior to construction of the holding tank and associated piping.
2. General Construction Requirements. All construction of the alternative leachate collection system shall be done in accordance with the approved Construction Plans and drawings. The Department shall be notified before any changes, other than minor deviations, to the approved Construction Plan are implemented in order to determine whether a permit modification is required.
3. Certification of Construction Completion. Upon completion of construction of the leachate holding tank, the engineer of record shall certify to the Department in accordance with Rule 62-701.320(9)(b), F.A.C., that the permitted construction is complete and was done in substantial conformance with the approved construction plans except where minor deviations were necessary. All deviations shall be described in detail and the reasons therefore enumerated.
4. Approval of Certification. The certification is considered accepted if one of the following has occurred: (1) the Department has stated in writing that it has no objection

to the certification of construction completion; or (2) at least 30 days have passed since the certification was submitted and the Department has not responded in writing to the certification.

### **C. Operation Requirements**

1. General Operating Requirements. The permittee shall operate the facility in accordance with the approved Operation Plan (APPENDIX 2, reference 1). The Department shall be notified before any changes, other than minor deviations, to the approved Operation Plan are implemented in order to determine whether a permit modification is required.
2. Authorized Waste and Material Types. The facility is authorized to manage only the following:
  - a) Class I waste as defined in Rule 62-701.200, F.A.C.
  - b) Class III waste as defined in Rule 62-701.200, F.A.C.
  - c) Recovered materials as defined in Rule 62-701.200, F.A.C.
  - d) Waste Tires as defined in Rule 62-701.200, F.A.C.
3. Unauthorized Waste Types. The facility is not authorized to accept or manage any waste types not listed in C.2. above. Any unauthorized waste inadvertently received by the facility shall be managed in accordance with the approved Operation Plan.
4. Maximum Storage Quantities. The maximum storage quantities for each waste type and recovered material type is specified in APPENDIX 3 Material Disposition (excerpt from the Operation Plan Appendix B, listed in APPENDIX 2, reference 1).
5. Facility Capacity. If the facility has reached its permitted capacity for storage of wastes or recyclable materials, the permittee shall not accept additional waste for processing until sufficient capacity has been restored.
6. Contingency Plan and Notification of Emergencies. The permittee shall notify the Department in accordance with the approved Contingency Plan. Notification shall be made to the Solid Waste Section of DEP's Central District Office at (407) 897-4100.
7. Housekeeping. The facility shall be operated to control dust, vectors, litter and objectionable odors.
8. Putrescible Wastes. Putrescible waste shall be removed for disposal within 48 hours.
9. Hazardous Waste. If any regulated hazardous wastes are discovered to be deposited at the facility, the facility operator shall promptly notify the Department, the person responsible for shipping the wastes to the facility, and the generator of the wastes, if known. The area where the wastes are deposited shall immediately be cordoned off from public access. If the generator or hauler cannot be identified, the facility operator shall assure the cleanup, transportation, and disposal of the waste at a permitted hazardous waste management

facility. In the event that hazardous wastes are discovered they shall be managed in accordance with the procedures provided in facility Operation Plan.

10. Leachate Control System. The facility shall be operated with a leachate control system to prevent discharge of leachate and avoid mixing of leachate with stormwater, and to minimize the presence of standing water. The leachate control system shall be maintained to function as designed.
11. Outside Storage of Waste. If outside containers are used to store waste they shall be covered at the end of each business day or when full or in the event of inclement weather.
12. Waste Tire Storage and Management. All waste tires will be stored as described in the Operation Plan and shall meet the fire department's standards along with the applicable storage requirements cited in Rule 62-711.540, F.A.C.
13. Operations Involving Use of Open Flames. No operations involving the use of open flames shall be conducted within 25 feet of a waste tire pile, Rule 62-711.540(1)(b), F.A.C.
14. Waste Tire Processing Requirements. At least 75% of the whole tires and used tires that are delivered to or are contained on the site at the beginning of each calendar year must be processed and removed for disposal or recycling from the facility during the year, or disposed in a permitted solid waste management facility Rule 62-711.530(3), F.A.C.
15. Waste Tire Quarterly Reports. Owners or operators of waste tire processing facilities shall submit quarterly reports to the Department that summarize the information collected under Rule 62-711.530(4), F.A.C. The reports shall be submitted on DEP Form 62-701.900(21), on the 20<sup>th</sup> of the month following the close of each calendar quarter to the Department of Environmental Protection, Central District – Solid Waste Section ([DEP\\_CD@dep.state.fl.us](mailto:DEP_CD@dep.state.fl.us)) with a copy to the Department of Environmental Protection, Solid Waste Section, 2600 Blair Stone Road, Tallahassee, Florida 32399, Rule 62-711.530(5), F.A.C.

#### **D. Water Quality Monitoring Requirements**

[Not Applicable]

#### **E. Gas Management System Requirements**

[There are no gas management requirements for this facility.]

#### **F. Closure Requirements**

1. General Closure Requirements. The permittee shall close the waste processing facility in accordance with the provisions of the approved Closure Plan. The Department shall be notified before any changes, other than minor deviations, to the approved Closure Plan are implemented in order to determine whether a permit modification is required.

2. Notifications. The permittee shall notify the Department prior to ceasing operations, and shall submit a written certification to the Department when closure is complete.

**G. Financial Assurance and Cost Estimates**

1. Financial Assurance Mechanism. The permittee shall maintain, in good standing, the financial assurance mechanisms established to demonstrate proof of financial assurance. Support documentation and evidence of inflation adjustment increases shall be submitted within the time frames specified in Rule 62-701.630, F.A.C.

All submittals in response to this specific condition shall be sent to:

Florida Department of Environmental Protection  
Financial Coordinator - Solid Waste Section  
2600 Blair Stone Road, MS 4565  
Tallahassee, Florida 32399-2400  
[solid.waste.financial.coordinator@dep.state.fl.us](mailto:solid.waste.financial.coordinator@dep.state.fl.us)

2. Cost Estimates.
  - a. The permittee shall submit closure cost estimates, including annual adjustments for inflation, in accordance with the requirements of Rule 62-701.630(3) and (4), F.A.C., and 40 CFR Part 264.142(a) and .144(a) using Form 62-701.900(28).
  - b. All submittals in response to this specific condition shall be sent to the Central District Office ([DEP\\_CD@dep.state.fl.us](mailto:DEP_CD@dep.state.fl.us)) and a copy to the address identified in Specific Condition F.1.

Executed in Orange County, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



\_\_\_\_\_  
Jeff Prather  
District Director, Central District

FILED, on this date, pursuant to Section 120.52, F.S. with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

May 28, 2013

Date

## **APPENDIX 1**

### **General Conditions**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.  
Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
  - (a) A description of and cause of noncompliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
11. This permit or a copy thereof shall be kept at the work site of the permitted activity.
12. The permittee shall comply with the following:
  - (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    1. the date, exact place, and time of sampling or measurements;

2. the person responsible for performing the sampling or measurements;
  3. the dates analyses were performed;
  4. the person responsible for performing the analyses;
  5. the analytical techniques or methods used;
  6. the results of such analyses.
13. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

## **APPENDIX 2**

### **List of Documents Incorporated into this Permit**

Documents Generated for this Permit Application:

1. Permit Renewal Application, Sanford Recycling and Transfer, Inc., dated December 17, 2012. Received and stamped December 18, 2012, DEP – Central District.
2. First Request for Additional Information from DEP – Central District dated January 9, 2013.
3. Response to First Request for Additional Information, dated February 1, 2013. Received and stamped February 5, 2013, DEP – Central District.

List of Documents Associated with Permit Modification SO59-0203666-005:

4. Minor Modification Permit Application To Operate A Waste Processing Facility, Sanford Recycling and Transfer Facility, dated October 9, 2009. Received and stamped October 12, 2009, DEP – Central District.
5. First Request for Additional Information from DEP – Central District dated November 5, 2009.
6. Response to First Request for Additional Information, Sanford Recycling and Transfer, Inc. dated November 30, 2009. Received and stamped December 3, 2009, DEP – Central District.
7. Second Request for Additional Information from DEP – Central District dated December 3, 2009.

APP. JIX B

MATERIAL DISPOSITION  
SANFORD RECYCLING AND TRANSFER FACILITY  
SANFORD, FLORIDA

Recovered Material or Unprocessed Waste Type	Maximum Storage Volume	Density (lbs/cy)	Covered or Uncovered	Method of Storage	Disposal / Recycling Location	Maximum Hold Time
Unprocessed Class III/C&D	1,600 cy	500	Covered	Tipping Floor	Class III Landfill	1 Week
Unprocessed Class I Putrescible	3,077 cy	650	Covered	Tipping Floor	Class I Landfill	48 Hours
Asphalt/Concrete	40 cy	4,000	Uncovered	Outside Roll-off Container	Re-Sale Public	6 Months
Cardboard (Baled & Loose)	4,247 cy - baled	650	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
	40 cy - loose	100	Covered	Inside Roll-off/Sorting Bay		
Paper (Ledger Baled & Loose)	100 cy - baled	750	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
	20 cy - loose	400	Covered	Inside Roll-off/Sorting Bay		
Metal (Steel, Pipe & Misc.)	40 cy	1000	Uncovered	Outside Roll-off Container	Re-Sale Public	6 Months
Metal (Ferrous Cans & Loose)	40 cy - baled	850	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
	20 cy - loose	150	Covered	Outside Roll-off/Sorting Bay		
Metal (Aluminum Cans Baled & Loose)	40 cy - baled	540	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
	20 cy - loose	75	Covered	Outside Roll-off/Sorting Bay		
Glass (Whole Bottles)	60 cy	600	Uncovered	Outside Roll-off/Sorting Bay	Re-Sale Public	6 Months
Plastic (Mixed Baled & Loose)	120 cy - baled	400	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
	40 cy - loose	35	Covered	Outside Roll-off/Sorting Bay		
Wood	80 cy	365	Uncovered	Outside Roll-off/Sorting Bay	Re-Sale Public	6 Months
Whole Tires	400 cy	337	Uncovered	Outside Roll-off Container	Class I Landfill	1 Year
Processed/Shredded Tires	225 cy	600	Uncovered	Outside Roll-off Container	Class I Landfill	48 Hours
Processed Tire Residuals	20 cy	500	Uncovered	Outside Roll-off Container	Class I Landfill	48 Hours
Recycling Residuals	30 cy	1,000	Covered	Outside Roll-off Container	Class I Landfill	6 Months
Waste Oil/House Hold Haz. Waste - Rejected	55 gallons	8 lbs/gal	Covered	Inside Transfer Building	Safety Kleen or Other Haz. Waste Recycler	30 Days

Notes: Storage locations are shown on the Facility Site Plan. Unprocessed Class I and III volumes based on estimated peak volumes in Section 1.1 of the Operation Plan. Volume-to-weight factor for recyclables is provided as an attachment.

# APPENDIX C

## Schools – 2016/2021 Five - Year Work Program

# Capital Five-Year Fiscal Forecast

REVENUES	Budget	Forecast	Forecast	Forecast	Forecast
	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
<b>State sources:</b>					
CO&DS distributed to district	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000
Interest on undistributed CO&DS	20,000	20,000	20,000	20,000	20,000
PECO	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Other state sources	-	-	-	-	-
<b>Total state sources</b>	<b>1,330,000</b>	<b>1,330,000</b>	<b>1,330,000</b>	<b>1,330,000</b>	<b>1,330,000</b>
<b>Local sources:</b>					
Ad valorem taxes	46,979,859	49,798,629	52,786,547	55,953,740	59,510,964
FY01 Sales tax	19,949,660	-	-	-	-
FY17 Sales tax	19,949,660	40,697,306	41,511,252	42,341,477	43,188,307
Interest income	-	-	-	-	-
Impact fees	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Local Misc.	-	-	-	-	-
<b>Total local sources</b>	<b>89,879,159</b>	<b>93,495,935</b>	<b>97,297,799</b>	<b>101,295,217</b>	<b>105,499,271</b>
<b>TOTAL REVENUE</b>	<b>91,209,159</b>	<b>94,825,935</b>	<b>98,627,799</b>	<b>102,625,217</b>	<b>106,829,271</b>
<b>OTHER SOURCES OF FUNDS:</b>					
Transfers In	-	-	-	-	-
Other Financing Sources	40,000,000	-	100,000,000	-	-
Restricted Fund Balance	58,189,930	47,176,336	44,518,423	73,016,774	40,713,443
<b>Total other sources</b>	<b>98,189,930</b>	<b>47,176,336</b>	<b>144,518,423</b>	<b>73,016,774</b>	<b>40,713,443</b>
<b>TOTAL REVENUE, OTHER SOURCES &amp; FUND BALANCES</b>	<b>\$ 189,399,089</b>	<b>\$ 142,002,271</b>	<b>\$ 243,146,222</b>	<b>\$ 175,641,991</b>	<b>\$ 147,542,714</b>
<b>EXPENDITURES (by category)</b>					
New Construction	\$ 23,000,000	\$ 17,000,000	\$ 64,000,000	\$ 46,000,000	\$ 27,000,000
Projects at Existing Schools & Facilities	29,340,000	33,900,000	51,700,000	36,500,000	40,500,000
Facilities Management	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Technology	19,500,000	9,000,000	9,000,000	9,000,000	9,000,000
System Wide Equipment and Vehicles	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Buses	2,687,780	2,687,780	2,687,780	2,687,780	2,687,780
Projects in Progress	23,757,341	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>103,285,121</b>	<b>67,587,780</b>	<b>132,387,780</b>	<b>99,187,780</b>	<b>84,187,780</b>
<b>TRANSFERS OUT:</b>					
To General Fund	6,752,652	4,982,268	2,982,268	982,268	582,268
To Debt Service Funds	32,184,980	24,913,800	34,759,400	34,758,500	34,756,450
<b>TOTAL TRANSFERS</b>	<b>38,937,632</b>	<b>29,896,068</b>	<b>37,741,668</b>	<b>35,740,768</b>	<b>35,338,718</b>
<b>Restricted Fund Balance</b>	<b>47,176,336</b>	<b>44,518,423</b>	<b>73,016,774</b>	<b>40,713,443</b>	<b>28,016,216</b>
<b>TOTAL EXPENDITURES, TRANSFERS &amp; FUND BALANCES</b>	<b>\$ 189,399,089</b>	<b>\$ 142,002,271</b>	<b>\$ 243,146,222</b>	<b>\$ 175,641,991</b>	<b>\$ 147,542,714</b>



# Capital Five-Year Work Program

	BUDGET 2016-2017	BUDGET 2017-2018	BUDGET 2018-2019	BUDGET 2019-2020	BUDGET 2020-2021
<b>Major Projects - New Construction</b>					
Bonner Elm - Master Plan	\$ 1,000,000	\$ -	\$ 10,000,000	\$ 1,000,000	\$ -
Chisholm Elm - Replacement	2,000,000	13,000,000	2,000,000	-	-
Deltona Middle - Replacement	-	2,000,000	48,000,000	-	3,000,000
George Marks Elm - Replacement	-	-	2,000,000	15,000,000	2,000,000
George Marks Elm - Additional Capacity	-	-	-	10,000,000	500,000
Pierson Elm - Replacement	18,000,000	2,000,000	-	-	-
Pierson Elm - Replacement Off Site Infrastructure	2,000,000	-	-	-	-
Read Pattillo Elm - Replacement	-	-	-	2,000,000	13,000,000
Read Pattillo Elm - Additional Capacity	-	-	-	-	6,000,000
Tomoka Elm - Replacement	-	-	2,000,000	18,000,000	2,500,000
<b>Total New Construction</b>	<b>23,000,000</b>	<b>17,000,000</b>	<b>64,000,000</b>	<b>46,000,000</b>	<b>27,000,000</b>
<b>Projects at Existing Schools &amp; Facilities</b>					
Atlantic HS - HVAC Renovation Bldg 5	1,450,000	-	-	-	-
Brewster Center - Phase II Renovations, Interior	-	2,000,000	-	-	-
Central Admn - Main Bldg Window Replacement	-	2,000,000	-	-	-
Creekside Mid - Central Energy Plant 2 Bldgs	1,550,000	-	-	-	-
Deltona HS - ADA Accessibility	-	-	-	2,000,000	-
Deltona Trans/Maint - Pavement Improvements	-	-	4,000,000	-	-
Enterprise Elm - Renovations	-	-	-	1,000,000	3,000,000
Galaxy Mid - Campus Wide HVAC/Ceiling/Lighting	7,200,000	-	-	-	-
Galaxy Mid - Reroof Campus	150,000	1,600,000	-	-	-
Heritage Mid - HVAC	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
New Smyrna Bch Mid - Renovations & Additions	-	-	-	-	3,000,000
Orange City Elm - Renovations & Additions	-	1,500,000	12,000,000	1,500,000	-
Ortona Elm - Renovations & Site Improvements	-	-	-	1,000,000	4,000,000
Osceola Elm - Renovations	-	-	1,500,000	10,000,000	1,500,000
Pathways Elm - Campus Reroof	100,000	1,100,000	-	-	-
Pine Ridge HS - Upgrade HVAC Bldg 5	1,140,000	-	-	-	-
Portables - Lease	100,000	100,000	100,000	100,000	100,000
Portables - Moves & Compliance	400,000	400,000	400,000	400,000	400,000
Spruce Creek HS - Campus Wide HVAC/Electrical	-	1,500,000	15,000,000	-	-
Starke Elm - Renovations	-	-	-	500,000	3,000,000
Various Facilities - Facilities Review Projects	7,750,000	9,000,000	9,000,000	9,000,000	9,000,000
Various Schools - High School Athletics	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Various Schools - Infrastructure for Technology	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Various Schools - Media Center Retrofits	500,000	500,000	500,000	500,000	500,000
Various Schools - Minor Projects	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Various Schools - Security	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Various Schools Deltona - Reclaimed Water	200,000	200,000	200,000	-	-
Westside Elm - Renovations & Addition	1,000,000	5,000,000	-	500,000	-
Woodward Elm - Renovations & Addition	-	-	-	1,000,000	5,000,000
<b>Total Major Prjs at Existing Schools &amp; Facilities</b>	<b>29,340,000</b>	<b>33,900,000</b>	<b>51,700,000</b>	<b>36,500,000</b>	<b>40,500,000</b>
<b>Facilities Management</b>					
Facilities Management - Various Projects	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000





# APPENDIX D

## School Facilities LOS Chart

**Level of Service/Utilization Charts 2016/17 - 2019/20**

<b>Southwest Planning Area</b>												
	Actual			Projected			Projected			Projected		
	2016/2017			2017/2018			2018/2019			2019/2020		
School	Enroll	Cap	Util									
<b>Elementary</b>												
Deltona Lakes	826	908	91%	822	908	91%	853	908	94%	868	908	96%
Discovery	664	725	92%	672	725	93%	656	725	90%	654	725	90%
Enterprise	622	671	93%	635	671	95%	652	671	97%	656	671	98%
Forest Lake	618	733	84%	609	733	83%	585	733	80%	568	733	77%
Friendship	397	531	75%	383	531	72%	383	531	72%	386	531	73%
Osteen	506	764	66%	488	764	64%	478	764	63%	475	764	62%
Pride	540	765	71%	535	765	70%	521	765	68%	501	765	65%
Spirit	762	768	99%	752	768	98%	750	768	98%	736	768	96%
Sunrise	546	731	75%	546	731	75%	551	731	75%	543	731	74%
Timbercrest	804	722	111%	859	722	119%	914	722	127%	940	722	130%
<b>Elementary Total</b>	<b>6285</b>	<b>7318</b>		<b>6301</b>	<b>7318</b>		<b>6343</b>	<b>7318</b>		<b>6327</b>	<b>7318</b>	
<b>Elementary Charter School</b>												
Reading Star Academy	Closed											
<b>Total</b>												
<b>K-8 Charter School</b>												
Ivey Hawn Academy	808	788	103%	808	788	103%	808	788	103%	808	788	103%
<b>Total</b>	<b>808</b>	<b>788</b>										

Level of Service Planning Solutions:

\*Ivy Hawn repeated in West and Southwest because these are the regions of major draw for enrollments  
 Continue to monitor enrollment and school choice applications. Redistricting may be proposed in the future.

**Level of Service/Utilization Charts 2016/17 - 2019/20**

Southwest Planning Area												
	Actual			Projected			Projected			Projected		
	2016/2017			2017/2018			2018/2019			2019/2020		
Middle	Enroll	Cap	Util									
Deltona	1022	1190	86%	1065	1190	89%	1118	1190	94%	1162	1190	98%
Galaxy	991	1167	85%	970	1167	83%	950	1167	81%	975	1167	84%
Heritage Middle	1198	1110	108%	1210	1110	109%	1238	1110	112%	1264	1110	114%
<b>Middle Total</b>	<b>3211</b>	<b>3467</b>		<b>3245</b>	<b>3467</b>		<b>3306</b>	<b>3467</b>		<b>3401</b>	<b>3467</b>	
High	Enroll	Cap	Util									
Deltona	1775	1834	97%	1774	1834	97%	1763	1834	96%	1736	1834	95%
Pine Ridge	1702	1744	98%	1708	1744	98%	1716	1744	98%	1741	1744	100%
<b>High Total</b>	<b>3477</b>	<b>3578</b>		<b>3482</b>	<b>3578</b>		<b>3479</b>	<b>3578</b>		<b>3477</b>	<b>3578</b>	

Level of Service Planning Solutions:

\*Deltona Middle - on the 1/2 cent list for Replacement; additional capacity may be added at that time, actual capacity to be determined upon finalization of construction plans;

	Actual	Projected	Projected	Projected
Elementary	27821	27644	27914	27890
Middle	13528	13795	13986	14636
High	18770	18770	18859	18798
Charter	2188	3157	3157	3157
Volusia Virtual	168	173	173	173
Special Centers	568	568	568	568
<b>Total Enrollment</b>	<b>63043</b>	<b>64107</b>	<b>64658</b>	<b>65223</b>

# APPENDIX E

## Volusia County 2015 Average Annual Daily Traffic & Historical Counts

Volusia County 2015 Average Annual Daily Traffic & Historical Counts

Road Name	Limits (From - To)	Count Station Number	2014 SIS Facility	Cycle 10-2 Evacuation Route	Roadway Maintaining Agency	2014 Roadway on County's Thoroughfare	Distance (in miles)	2015 No. of Lanes	Posted Speed	Direction	2015 Facility Type	Federal Functional Classification	2006 AADT	2007 AADT	2008 AADT	2009 AADT	2010 AADT	2011 AADT	2012 AADT	2013 AADT	2014 AADT*	2015 AADT*	2015 Vol. Co. Allowable LOS	DAILY 2015 LOS Capacity	DAILY 2015 V/C Ratio	DAILY 2015 LOS	PEAK 2015 LOS Capacity	
I-4	SR 46 to Volusia Co.	0266-S	Yes	Yes	FDOT	Yes	1.90	6	65	E+W	UA FWIS 6L + AUX	Principal Arterial - Interstate - Urban	112,000	113,000	111,000	108,000	115,000	109,500	103,000	107,500	114,500	125,500	D	113,000	1.11	D	11,860	
I-4	Seminole Co. to Dirksen Dr.	484	Yes	Yes	FDOT	Yes	3.58	6	65	E+W	UA FWIS 6L	Principal Arterial - Interstate - Urban	115,500	119,500	115,000	107,500	111,500	102,500	106,500	108,000	110,000	113,000	D	93,000	1.22	E	10,060	
I-4	Dirksen Dr. to Saxon Blvd.	9906	Yes	Yes	FDOT	Yes	2.79	6	70	E+W	UA FWIS 6L	Principal Arterial - Interstate - Urban	96,600	95,356	92,578	94,700	95,400	93,600	93,900	96,400	99,800	106,510	D	93,000	1.15	D	10,060	
I-4	Saxon Blvd. to SR 472	1003	Yes	Yes	FDOT	Yes	3.15	6	70	E+W	UA FWIS 6L	Principal Arterial - Interstate - Urban	86,500	89,000	86,000	83,500	86,500	79,500	88,000	88,500	89,500	92,500	D	93,000	0.99	C	10,060	
I-4	SR 472 to Orange Camp Rd.	485	Yes	Yes	FDOT	Yes	2.12	6	70	E+W	UA FWIS 6L	Principal Arterial - Interstate - Urban	59,500	61,500	58,000	55,000	56,000	57,500	77,500	77,000	77,000	78,000	80,500	D	93,000	0.87	C	10,060
I-4	Orange Camp Rd. to SR 44	497	Yes	Yes	FDOT	Yes	2.56	6	70	E+W	UA FWIS 6L	Principal Arterial - Interstate - Urban	59,000	61,000	58,000	61,500	65,000	62,000	55,500	60,500	65,500	71,500	D	93,000	0.77	C	10,060	
I-4	SR 44 to US 92 Connector	486	Yes	Yes	FDOT	Yes	10.31	4	70	E+W	UA FWIS 4L	Principal Arterial - Interstate - Rural	53,500	54,500	56,000	56,000	56,000	54,000	55,000	55,000	55,000	56,000	57,000	C	61,500	0.93	C	5,540
I-4	US 92 Connector to I-95	491	Yes	Yes	FDOT	Yes	3.52	4	70	E+W	UA FWIS 4L	Principal Arterial - Interstate - Urban	37,500	42,500	47,500	45,500	43,000	43,000	40,000	40,000	40,000	41,000	41,500	D	61,500	0.67	B	6,700
I-95	N. of Volusia/Flagler Co. Line	255-F	Yes	Yes	FDOT	Yes		6	70	N+S	UA FWIS 6L	Principal Arterial - Interstate - Urban	65,000	-	57,700	63,200	64,700	62,500	63,200	65,100	67,300	46,500	D	93,000	0.50	B	10,060	
I-95	Flagler Co. Line/Old Dixie to US 1	496	Yes	Yes	FDOT	Yes	5.00	6	70	N+S	UA FWIS 6L	Principal Arterial - Interstate - Urban	53,000	58,500	53,000	66,000	67,000	60,500	64,500	69,500	70,500	72,500	D	93,000	0.78	C	10,060	
I-95	US 1 to SR 40	495	Yes	Yes	FDOT	Yes	5.55	6	70	N+S	UA FWIS 6L	Principal Arterial - Interstate - Urban	60,000	60,000	55,000	68,500	69,000	62,500	66,500	63,500	64,500	66,000	D	93,000	0.71	B	10,060	
I-95	SR 40 to LPGA Blvd.	534	Yes	Yes	FDOT	Yes	2.64	6	70	N+S	UA FWIS 6L + AUX	Principal Arterial - Interstate - Urban	80,000	73,000	79,000	79,500	68,000	76,000	69,500	70,000	74,000	77,000	D	113,000	0.68	B	11,860	
I-95	LPGA Blvd. to US 92	494	Yes	Yes	FDOT	Yes	3.56	6	65	N+S	UA FWIS 6L	Principal Arterial - Interstate - Urban	80,000	74,000	68,000	70,000	70,500	74,500	71,500	71,500	75,500	77,000	D	93,000	0.83	C	10,060	
I-95	US 92 to Beville Rd./I-4	494	Yes	Yes	FDOT	Yes	1.26	6	65	N+S	UA FWIS 6L + AUX	Principal Arterial - Interstate - Urban	119,000	56,000	57,500	70,000	70,500	74,500	71,500	71,500	75,500	77,000	D	113,000	0.68	B	11,860	
I-95	Beville Rd./I-4 to SR 421 (Dunlawton Ave.)	492	Yes	Yes	FDOT	Yes	4.57	4	70	N+S	UA FWIS 4L	Principal Arterial - Interstate - Urban	49,500	56,000	57,500	52,500	51,000	44,500	42,500	45,000	46,500	47,500	D	61,500	0.77	C	6,700	
I-95	SR 421 (Dunlawton Ave.) to SR 44	133	Yes	Yes	FDOT	Yes	6.99	4	70	N+S	UA FWIS 4L	Principal Arterial - Interstate - Urban	40,400	40,119	36,377	37,400	38,000	36,600	36,900	37,700	37,000	37,000	D	61,500	0.60	B	6,700	
I-95	SR 44 to SR 442 (Indian River Blvd.)	503	Yes	Yes	FDOT	Yes	4.84	4	70	N+S	UA FWIS 4L	Principal Arterial - Interstate - Urban	28,500	33,500	34,000	32,000	32,000	31,000	31,000	31,000	32,500	35,000	D	61,500	0.59	B	6,700	
I-95	SR 442 (Indian River Blvd.) to Brevard Co.	0436-B	Yes	Yes	FDOT	Yes	11.45	4	70	N+S	RUA FW 4L	Principal Arterial - Interstate - Urban/Rural	31,500	27,000	24,500	26,000	24,500	30,500	30,000	26,500	27,500	36,000	C	43,000	0.84	C	4,510	
US 1	N. of Volusia/Flagler Co. Line	0263-F			FDOT	Yes		4	65	N+S	UA UFH 2W 4L D WL	Principal Arterial - Other - Urban	17,100	15,135	13,680	12,100	11,600	11,200	10,700	10,700	11,000	11,900	D	65,600	0.18	B	5,900	
US 1	Flagler Co. to I-95	536			FDOT	Yes	1.53	4	60	N+S	UA UFH 2W 4L D WL	Principal Arterial - Other - Urban	18,300	19,900	16,800	15,200	15,400	15,100	13,400	14,300	14,200	14,800	D	65,600	0.23	B	5,900	
US 1	I-95 to Airport Rd.	351		Yes	FDOT	Yes	2.81	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	23,000	23,000	22,500	21,500	21,500	20,500	19,400	20,200	21,000	22,500	D	39,800	0.57	C	3,580	
US 1	Airport Rd. to Nova Rd.	100		Yes	FDOT	Yes	1.13	4	55	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	30,000	31,000	29,000	25,500	25,500	26,000	22,500	25,500	26,000	26,000	D	39,800	0.65	C	3,580	
US 1	Nova Rd. to SR 40	1019		Yes	FDOT	Yes	1.83	4	55	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	19,800	18,800	18,200	17,000	16,800	16,300	16,400	16,600	17,500	18,100	D	39,800	0.45	C	3,580	
US 1	SR 40 to Hand Ave.	5142		Yes	FDOT	Yes	0.84	4	40	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	27,000	25,000	23,500	22,500	23,000	21,500	19,000	20,300	20,800	21,500	D	39,800	0.54	C	3,580	
US 1	Hand Ave. to LPGA Blvd.	1018		Yes	FDOT	Yes	2.00	4	40	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	28,500	28,500	27,000	26,000	26,000	26,000	21,500	24,000	24,500	23,500	D	39,800	0.59	C	3,580	
US 1	LPGA Blvd. to SR 430 (Mason Ave.)	1018		Yes	FDOT	Yes	1.47	4	35	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	28,500	28,500	27,000	26,000	26,000	26,000	21,500	24,000	24,500	23,500	D	32,400	0.73	D	2,920	
US 1	SR 430 (Mason Ave.) to Fairview/Main St.	5074		Yes	FDOT	Yes	0.54	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	30,000	30,000	29,000	29,500	28,500	27,000	27,000	27,500	28,000	28,000	D	32,400	0.86	D	2,920	
US 1	Fairview/Main St. to US 92/ISB	5071		Yes	FDOT	Yes	0.66	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	32,500	29,500	29,000	28,000	27,000	24,000	23,500	26,000	30,500	31,500	D	32,400	0.97	D	2,920	
US 1	US 92/ISB to Orange Ave.	5070		Yes	FDOT	Yes	0.30	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	32,000	30,000	30,000	29,000	28,000	28,000	26,000	29,000	29,000	26,500	27,500	D	32,400	0.85	D	2,920
US 1	Orange Ave. to Bellevue Ave.	5066		Yes	FDOT	Yes	0.72	4	40	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	32,500	30,500	30,500	29,500	28,500	28,000	29,500	28,000	29,500	30,500	D	39,800	0.77	C	3,580	
US 1	Bellevue Ave. to SR 400/Beville Rd.	452		Yes	FDOT	Yes	1.05	4	40	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	33,500	34,000	32,500	31,500	30,500	32,500	30,000	29,500	33,000	32,000	D	39,800	0.80	C	3,580	
US 1	SR 400/Beville Rd. to Bellewood Ave.	5063		Yes	FDOT	Yes	0.27	4	40	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	33,000	30,500	30,000	28,000	26,000	28,000	27,500	26,000	29,000	30,000	D	39,800	0.75	C	3,580	
US 1	Bellewood Ave. to Big Tree Rd.	5062		Yes	FDOT	Yes	0.45	4	40	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	31,500	29,500	30,000	28,000	27,500	26,500	24,500	27,000	29,000	30,000	D	39,800	0.75	C	3,580	
US 1	Big Tree Rd. to Reed Canal Rd.	5061		Yes	FDOT	Yes	1.17	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	33,000	30,000	31,500	29,500	29,000	27,500	25,000	28,500	27,500	28,500	D	39,800	0.72	C	3,580	
US 1	Reed Canal Rd. to SR 421 (Dunlawton Ave.)	213		Yes	FDOT	Yes	1.18	4	40	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	29,500	31,000	27,500	26,000	25,500	24,500	24,500	24,500	26,500	25,000	D	39,800	0.63	C	3,580	
US 1	SR 421 (Dunlawton Ave.) to Commonwealth to Nova Rd.	5057		Yes	FDOT	Yes	1.37	4	40	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	23,500	22,500	22,500	20,500	20,100	20,500	19,600	20,300	20,500	21,500	D	39,800	0.54	C	3,580	
US 1	Commonwealth to Nova Rd.	152		Yes	FDOT	Yes	1.23	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	20,500	17,000	15,800	15,200	15,800	14,100	13,800	13,900	13,200	13,800	D	39,800	0.35	C	3,580	
US 1	Nova Rd. to Art Center Ave.	13		Yes	FDOT	Yes	3.19	4	45	N+S	UA UFH 2W 4L D WL	Principal Arterial - Other - Urban	23,500	22,900	21,500	20,900	20,100	19,400	19,600	20,500	21,500	21,500	D	65,600	0.33	B	5,900	
US 1	Art Center Ave. to Turnbull Bay Rd.	5159		Yes	FDOT	Yes	2.24	4	55	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	29,000	24,500	23,500	11,600	22,500	23,500	22,500	23,500	24,500	25,500	D	39,800	0.64	C	3,580	
US 1	Turnbull Bay Rd. to Canal St. (Bus. SR 44)	5155		Yes	FDOT	Yes	1.34	4	40	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	30,000	28,000	27,500	26,000	23,500	22,500	24,500	22,000	23,000	24,000	D	39,800	0.60	C	3,580	
US 1</																												

Volusia County 2015 Average Annual Daily Traffic & Historical Counts

Road Name	Limits (From - To)	Count Station Number	2014 SIS Facility	Cycle 10-2 Evacuation Route	Roadway Maintaining Agency	2014 Roadway on County's Thoroughfare	Distance (in miles)	2015 No. of Lanes	Posted Speed	Direction	2015 Facility Type	2010 Federal Functional Classification	2006 AADT	2007 AADT	2008 AADT	2009 AADT	2010 AADT	2011 AADT	2012 AADT	2013 AADT	2014 AADT*	2015 AADT*	2015 Vol. Co. Allowable LOS	DAILY 2015 LOS Capacity	DAILY 2015 V/C Ratio	DAILY 2015 LOS	PEAK 2Way 2015 LOS Capacity
SR A1A - Ocean Shore Blvd.	S. 23rd St. to Volusia Co. Line	0010-F		Yes	FDOT	Yes	2.00	2	45	N+S	UA UFH 2W 2L U WL	Principal Arterial - Other - Urban	6,000	5,900	4,600	6,000	5,000	4,700	4,600	5,100	5,400	5,500	D	24,200	0.23	B	2,170
SR A1A - Ocean Shore Blvd.	Flagler Co Line to High Bridge Rd	368		Yes	FDOT	Yes	1.26	2	55	N+S	UA UFH 2W 2L U WL	Principal Arterial - Other - Urban	16,300	17,100	17,300	15,100	15,700	15,500	15,300	15,800	15,500	16,100	D	24,200	0.67	C	2,170
SR A1A - Ocean Shore Blvd.	High Bridge Rd to Ormond Mall	368		Yes	FDOT	Yes	6.42	2	55	N+S	UA UFH 2W 2L U WL	Principal Arterial - Other - Urban	16,300	17,100	17,300	15,100	15,700	15,500	15,300	15,800	15,500	16,100	D	24,200	0.67	C	2,170
SR A1A - Ocean Shore Blvd.	Ormond Mall to Neptune Ave	174		Yes	FDOT	Yes	1.69	2	40	N+S	UA UFH 2W 2L U WL	Principal Arterial - Other - Urban	16,500	16,600	17,500	16,400	15,800	15,500	15,100	15,400	15,700	16,000	D	24,200	0.66	C	2,170
SR A1A - Ocean Shore Blvd.	Neptune Ave to SR 40 (Granada Blvd.)	5125		Yes	FDOT	Yes	0.70	2	35	N+S	UA UFH 2W 2L U WL	Principal Arterial - Other - Urban	18,400	18,100	17,100	17,900	16,800	15,600	12,300	14,000	16,600	17,200	D	24,200	0.71	C	2,170
SR A1A - Atlantic Ave. North	SR 40 to Harvard Dr.	5124		Yes	FDOT	Yes	1.70	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	19,100	19,800	17,700	19,500	16,500	16,600	17,600	16,400	15,600	16,200	D	39,800	0.41	D	2,920
SR A1A - Atlantic Ave. North	Harvard Dr. to SR430/Seabreeze Blvd.)	5121		Yes	FDOT	Yes	2.53	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	20,000	24,000	20,000	18,500	17,000	17,100	16,400	17,800	18,200	18,900	D	39,800	0.47	D	2,920
SR A1A - Atlantic Ave. North	SR 430/Seabreeze Blvd. to SR430/Oak	5117		Yes	FDOT	Yes	0.12	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	16,700	24,300	16,600	17,900	19,800	20,800	17,100	15,200	16,300	16,800	D	39,800	0.42	D	2,920
SR A1A - Atlantic Ave. North	SR 430/Oakridge Blvd. to US 92/ISB	5115		Yes	FDOT	Yes	0.90	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	15,400	21,500	23,500	17,400	17,800	15,200	16,500	15,300	16,400	D	39,800	0.41	D	2,920	
SR A1A - Atlantic Ave. South	US 92 to Silver Beach Ave.	5112		Yes	FDOT	Yes	0.69	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	13,300	15,400	13,300	12,800	12,200	11,200	12,000	12,700	11,900	12,300	D	39,800	0.31	C	2,920
SR A1A - Atlantic Ave. South	Silver Beach Ave. to Florida Shores	436		Yes	FDOT	Yes	2.34	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	19,500	18,900	10,500	11,400	10,100	10,700	10,400	12,500	11,900	12,700	D	39,800	0.32	C	2,920
SR A1A - Atlantic Ave. South	Florida Shores to Van Ave.	5179		Yes	FDOT	Yes	1.29	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	13,900	14,900	16,900	11,800	16,100	13,800	11,400	12,800	13,200	13,700	D	39,800	0.34	C	2,920
SR A1A - Atlantic Ave. South	Van Ave. to SRA1A/Dunlawton Ave.	477		Yes	FDOT	Yes	1.05	4	35	N+S	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	18,800	13,000	16,700	15,800	15,500	13,700	11,200	12,500	11,800	12,200	D	39,800	0.31	C	2,920
SR A1A - Dunlawton Ave.	SR A1A/Atlantic Ave. to US 1	427		Yes	FDOT	Yes	1.25	4	35	E+W	UA SSAC2 2W 4L D WL	Principal Arterial - Other - Urban	29,000	29,500	30,000	27,000	24,500	27,000	26,000	26,000	28,000	30,000	D	39,800	0.75	D	2,920
SR 5A - Nova Rd.	US 1 to Wilmette Ave.	459		Yes	FDOT	Yes	1.00	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	15,900	14,700	14,000	13,400	12,800	12,800	12,300	12,400	13,100	13,600	D	59,900	0.34	C	3,580
SR 5A - Nova Rd.	Wilmette Ave. to SR 40	518		Yes	FDOT	Yes	0.51	6	45	N+S	UA SSAC1 2W 6L D WL	Principal Arterial - Other - Urban	24,500	26,000	24,500	23,000	24,000	23,500	23,500	25,500	24,500	D	59,900	0.41	C	3,580	
SR 5A - Nova Rd.	SR 40 to Hand Ave.	510		Yes	FDOT	Yes	1.15	6	45	N+S	UA SSAC1 2W 6L D WL	Principal Arterial - Other - Urban	29,000	29,500	29,000	27,500	26,500	24,000	28,500	27,500	25,500	26,500	D	59,900	0.44	C	3,580
SR 5A - Nova Rd.	Hand Ave. to LPGA Blvd.	528		Yes	FDOT	Yes	2.06	6	45	N+S	UA SSAC1 2W 6L D WL	Principal Arterial - Other - Urban	31,000	31,000	30,500	29,000	29,000	28,000	28,500	26,000	28,500	27,500	D	59,900	0.46	C	3,580
SR 5A - Nova Rd.	LPGA Blvd. to SR 430/Mason Blvd	366		Yes	FDOT	Yes	1.47	6	45	N+S	UA SSAC1 2W 6L D WL	Principal Arterial - Other - Urban	31,500	31,000	32,500	30,000	29,500	27,500	27,000	25,500	26,500	28,500	D	59,900	0.48	C	3,580
SR 5A - Nova Rd.	SR 430/Mason Ave. to US 92/ISB	5088		Yes	FDOT	Yes	1.22	6	45	N+S	UA SSAC1 2W 6L D WL	Principal Arterial - Other - Urban	35,000	35,000	32,000	33,500	32,000	30,000	30,000	31,000	31,500	31,000	D	59,900	0.52	C	3,580
SR 5A - Nova Rd.	US 92/ISB to Bellevue Ave.	5090		Yes	FDOT	Yes	1.07	6	45	N+S	UA SSAC1 2W 6L D WL	Principal Arterial - Other - Urban	38,500	38,000	38,000	34,500	35,000	32,500	32,000	33,000	32,500	34,500	D	59,900	0.58	C	3,580
SR 5A - Nova Rd.	Bellevue Ave. to SR 400/Beville Rd.	348		Yes	FDOT	Yes	1.00	6	50	N+S	UA SSAC1 2W 6L D WL	Principal Arterial - Other - Urban	39,000	38,000	37,000	34,500	35,000	34,000	33,000	33,000	34,500	35,500	D	59,900	0.59	C	3,580
SR 5A - Nova Rd.	SR 400/Beville Rd. to Big Tree	363		Yes	FDOT	Yes	0.70	6	50	N+S	UA SSAC1 2W 6L D WL	Principal Arterial - Other - Urban	30,000	28,500	29,000	27,500	28,500	27,000	25,500	26,500	26,500	26,500	D	59,900	0.44	C	3,580
SR 5A - Nova Rd.	Big Tree to Madeline Ave.	363		Yes	FDOT	Yes	1.61	5	50	N+S	UA SSAC1 2W 5L D WL	Principal Arterial - Other - Urban	30,000	28,500	29,000	27,500	28,500	27,000	25,500	26,500	26,500	26,500	D	49,850	0.53	C	4,490
SR 5A - Nova Rd.	Madeline Ave to SR 421/Dunlawton Ave	1017		Yes	FDOT	Yes	1.30	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	26,000	26,000	26,500	26,500	27,000	26,500	25,500	26,000	27,000	28,000	D	39,800	0.70	C	3,580
SR 5A - Nova Rd.	SR 421/Dunlawton Ave. to Spruce Creek	1016		Yes	FDOT	Yes	1.08	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	25,500	24,500	24,500	25,000	25,500	23,500	25,000	24,500	26,000	27,000	D	39,800	0.68	C	3,580
SR 5A - Nova Rd.	Spruce Creek Rd. to US 1	458		Yes	FDOT	Yes	1.44	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	17,400	16,900	17,100	16,700	16,900	16,800	16,300	16,800	17,900	17,200	D	39,800	0.43	C	3,580
SR 11	CR 304 (in Flagler Co.) to SR 40	0009-F			FDOT	Yes	2.42	2	60	N+S	RUA UFH 2W 2L U OL	Principal Arterial - Other - Rural	3,000	3,200	2,600	2,400	2,200	2,000	2,200	2,100	2,400	2,400	C	6,300	0.38	B	590
SR 11	SR 40 to CR 15A	527			FDOT	Yes	9.19	2	60	N+S	RUA UFH 2W 2L U OL	Principal Arterial - Other - Rural	3,000	3,100	2,700	2,600	2,600	2,700	2,700	2,800	2,900	3,100	C	6,300	0.49	B	590
SR 11	CR 15A to US 17	4			FDOT	Yes	2.45	2	55	N+S	UA UFH 2W 2L U WL	Principal Arterial - Other - Urban	7,200	6,800	6,900	6,400	6,000	6,100	6,000	6,300	6,200	6,400	D	24,200	0.26	B	2,170
SR 15A	US 17 to Glenwood Rd.	466	Yes		FDOT	Yes	1.11	4	50	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	10,900	11,400	10,600	10,800	10,700	10,300	10,200	10,600	10,500	10,900	D	37,900	0.29	C	3,580
SR 15A	Glenwood Rd. to CR 92	465	Yes		FDOT	Yes	1.20	4	50	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	13,700	15,100	13,800	14,000	13,800	13,100	13,600	13,400	14,000	D	37,900	0.37	C	3,580	
SR 15A	CR 92 to Plymouth Ave.	537	Yes	Yes	FDOT	Yes	0.83	4	50	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	23,000	23,500	22,500	22,000	22,000	22,500	18,900	21,500	20,800	21,500	D	37,900	0.57	C	3,580
SR 15A	Plymouth Ave. to SR 44/New York Ave.	463	Yes	Yes	FDOT	Yes	1.01	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	27,000	26,000	26,500	25,500	23,500	21,900	23,000	23,000	25,000	25,000	D	37,900	0.66	C	3,580
SR 15A	SR 44/New York Ave. to Beresford Ave.	474	Yes		FDOT	Yes	1.00	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	24,500	24,500	23,500	22,500	22,500	21,500	21,000	22,000	22,000	24,000	D	37,900	0.63	C	3,580
SR 15A	Beresford Ave. to New Hampshire Ave.	6	Yes		FDOT	Yes	0.59	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	24,000	22,900	21,000	20,000	19,200	21,000	20,500	21,000	20,100	23,000	D	37,900	0.61	C	3,580
SR 15A	New Hampshire Ave. to US 17/92	1005	Yes		FDOT	Yes	1.17	4	45	N+S	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	22,500	22,000	21,000	21,000	19,100	19,700	19,000	20,500	21,000	21,900	D	37,900	0.58	C	3,580
SR 40	W. of the St. Johns River	0050-L	Yes		FDOT	Yes		2	45	E+W	RDA UFH 2W 2L U WL	Principal Arterial - Other - Rural	8,700	8,300	7,200	7,500	7,100	6,800	6,400	7,300	8,000	8,700	C	16,400	0.53	B	1,550
SR 40	Lake County to Emporia Rd.	533	Yes	Yes	FDOT	Yes	0.86	2	55	E+W	RDA UFH 2W 2L U WL	Principal Arterial - Other - Rural	7,600	8,700	7,600	7,700	6,800	7,000	6,800	7,000	6,800	7,000	C	16,400	0.43	B	1,550
SR 40	Emporia Rd. to US 17	344	Yes	Yes	FDOT	Yes	5.58	2	55	E+W	RDA UFH 2W 2L U WL	Principal Arterial - Other - Rural	7,500	8,300	7,200	7,000	6,500	6,500	6,600	5,900	6,200	7,600	C	16,400	0.46		

Volusia County 2015 Average Annual Daily Traffic & Historical Counts

Road Name	Limits (From - To)	Count Station Number	2014 SIS Facility	Cycle 10-2 2014 Evacuation Route	Roadway Maintaining Agency	2014 Roadway on County's Thoroughfare	Distance (in miles)	2015 No. of Lanes	Posted Speed	Direction	2015 Facility Type	2010 Federal Functional Classification	2006 AADT	2007 AADT	2008 AADT	2009 AADT	2010 AADT	2011 AADT	2012 AADT	2013 AADT	2014 AADT*	2015 AADT*	2015 Vol. Co. Allowable LOS	DAILY 2015 LOS Capacity	DAILY 2015 V/C Ratio	DAILY 2015 LOS	PEAK 2Way 2015 LOS Capacity
SR 430 - Mason Ave.	SR 483/Clyde Morris Blvd. to SR 5A/Nova Rd.	5197		Yes	FDOT	Yes	0.99	4	35	E+W	UA SSAC2 2W 4L U 0L	Minor Arterial - Urban	19,600	20,300	20,300	20,100	18,200	18,200	17,800	18,200	18,500	19,000	D	24,300	0.78	D	2,190
SR 430 - Mason Ave.	SR 5A/Nova Rd. to US 1	5197		Yes	FDOT	Yes	1.08	4	35	E+W	UA SSAC2 2W 4L U 0L	Minor Arterial - Urban	19,600	20,300	20,300	20,100	18,200	18,200	17,800	18,200	18,500	19,000	D	24,300	0.78	D	2,190
SR 430 - Mason Ave.	US 1 to Beach St.	5197		Yes	FDOT	Yes	0.30	4	35	E+W	UA SSAC2 2W 4L D WL	Minor Arterial - Urban	19,600	20,300	20,300	20,100	18,200	18,200	17,800	18,200	18,500	19,000	D	32,400	0.59	D	2,920
SR 430 - Oakridge Blvd. - EB	Beach St. to Peninsula Dr	5194			FDOT	Yes	0.70	2	40	E+W	UA SSAC1 1W 2L D WL	Minor Arterial - Urban	6,700	6,400	7,000	5,800	6,000	5,500	5,300	5,600	5,900	6,400	D	23,880	0.27	C	2,150
SR 430 - Oakridge Blvd. - EB	Peninsula Dr to SR A1A/Atlantic	5195			FDOT	Yes	0.28	2	40	E+W	UA SSAC1 1W 2L D WL	Minor Arterial - Urban	4,600	5,300	5,500	5,500	4,800	4,700	3,600	4,100	4,200	4,400	D	23,880	0.18	C	2,150
SR 430 - Seabreeze Bridge - WB	Beach St. to Peninsula Dr	5186		Yes	FDOT	Yes	1.01	2	40	E+W	UA SSAC1 1W 2L D WL	Minor Arterial - Urban	7,800	7,300	7,900	7,600	6,700	8,100	7,100	7,200	6,400	6,600	D	23,880	0.28	C	2,150
SR 430 - Seabreeze Bridge - WB	Peninsula Dr to SR A1A/Atlantic	5191		Yes	FDOT	Yes	0.29	2	30	E+W	UA SSAC2 1W 2L D WL	Minor Arterial - Urban	4,800	5,900	6,500	6,300	5,000	5,300	4,300	4,900	4,900	5,100	D	19,440	0.26	C	1,400
SR 441 - Peninsula Dr.	US 92/ISB to Silver Beach Ave.	5187			FDOT	Yes	0.65	2	35	N+S	UA SSAC1 2W 2L U WL	Minor Arterial - Urban	12,100	11,100	10,600	9,900	9,400	8,700	9,400	9,300	8,300	8,700	D	17,700	0.49	C	1,600
SR 441 - Peninsula Dr.	Silver Beach Ave. to Florida Shores	5187			FDOT	Yes	2.34	2	35	N+S	UA SSAC1 2W 2L U WL	Minor Arterial - Urban	12,100	11,100	10,600	9,900	9,400	8,700	9,400	9,300	8,300	8,700	D	17,700	0.49	C	1,600
SR 441 - Peninsula Dr.	Florida Shores to SR A1A/Dunlawton	5188			FDOT	Yes	2.42	2	40	N+S	UA SSAC1 2W 2L U WL	Minor Arterial - Urban	7,100	6,700	6,600	6,100	6,000	5,600	5,300	5,400	5,600	5,400	D	17,700	0.31	C	1,600
SR 442 - Indian River Blvd.	I-95 to Air Park Rd.	170		Yes	FDOT	Yes	2.09	4	55	E+W	UA SSAC1 2W 4L D WL	Minor Arterial - Urban	10,000	9,647	8,972	9,200	9,300	8,900	9,500	9,920	10,200	10,800	D	39,800	0.27	C	3,580
SR 442 - Indian River Blvd.	Air Park Rd. to US 1	5190		Yes	FDOT	Yes	1.69	4	45	E+W	UA SSAC1 2W 4L D WL	Minor Arterial - Urban	20,200	17,300	17,800	16,800	17,700	16,400	16,100	16,800	16,400	17,000	D	39,800	0.43	C	3,580
SR 472	US 17/92 to CR 4101/MLK Blvd	472			FDOT	Yes	2.31	4	60	E+W	UA UFH 2W 4L D WL	Principal Arterial - Other - Urban	21,400	20,800	18,900	19,200	20,200	19,700	20,100	21,000	21,400	23,000	D	65,600	0.35	B	5,900
SR 472	CR 4101/MLK Blvd to I-4 (end of state rd)	535			FDOT	Yes	1.10	4	60	E+W	UA SSAC1 2W 4L D WL	Principal Arterial - Other - Urban	28,000	27,000	25,500	24,000	24,500	22,000	24,500	24,000	25,500	26,500	D	39,800	0.67	C	3,580
SR 483 - Clyde Morris Blvd.	SR 430 (Mason Ave.) to US 92/ISB	5182			FDOT	Yes	1.20	4	45	N+S	UA SSAC1 2W 4L U WL	Principal Arterial - Other - Urban	20,500	20,500	18,400	17,700	18,300	20,000	18,100	18,900	20,000	20,000	D	37,800	0.53	C	3,400
SR 483 - Clyde Morris Blvd.	US 92/ISB to Aviation Ctr Pkwy/Bellevue	5193			FDOT	Yes	1.20	4	45	N+S	UA SSAC1 2W 4L U WL	Principal Arterial - Other - Urban	34,000	32,000	31,500	26,500	31,000	30,500	27,000	26,000	32,500	32,000	D	37,800	0.85	C	3,400
SR 483 - Clyde Morris Blvd.	Aviation Ctr Pkwy/Bellevue to SR 400/B	5193			FDOT	Yes	0.98	4	45	N+S	UA SSAC1 2W 4L U WL	Principal Arterial - Other - Urban	34,000	32,000	31,500	26,500	31,000	30,500	27,000	26,000	32,500	32,000	D	37,800	0.85	C	3,400
6th St.	Derbyshire Rd. to SR 5A/Nova Rd	11			County	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	3,470	3,640	2,970	2,610	2,820	2,980	2,780	2,710	2,750	2,900	E	13,640	0.21	C	1,020
8th St. (DAY)	Derbyshire Rd. to SR 5A/Nova Rd	21			City	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	3,670	3,950	3,330	3,090	2,850	2,790	2,530	-	-	-	D	13,640	-	-	960
13th St.	Derbyshire Rd. to SR 5A/Nova Rd	31			County	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	2,250	2,520	2,360	1,900	2,060	2,090	1,600	1,700	1,760	1,620	E	13,640	0.12	C	1,020
Adelle Ave.	Beresford Ave. to New Hampshire Ave.	43			County	No	0.50	2	30	N+S	UA NSSRC2 2W 2L U 0L	n/c	2,970	3,540	2,310	2,850	2,290	2,530	2,410	2,650	2,640	-	E	13,640	-	-	1,020
Adelle Ave.	New Hampshire Ave. to SR 15A	41			County	No	0.50	2	30	N+S	UA NSSRC2 2W 2L U 0L	n/c	650	780	590	300	270	320	320	330	330	-	E	13,640	-	-	1,020
Air Park Rd.	Park Ave. to Ragis Rd	52			County	Yes	0.87	2	40	N+S	UA UFH 2W 2L U 0L	Minor Collector - Urban	1,410	1,920	2,080	2,030	1,700	2,030	2,100	2,270	2,420	2,330	E	24,975	0.09	B	2,240
Air Park Rd.	Ragis Rd. to SR 442	50			County	Yes	0.55	2	40	N+S	UA UFH 2W 2L U 0L	Minor Collector - Urban	910	1,440	1,740	1,340	1,840	1,470	1,840	2,060	2,100	2,150	E	24,975	0.09	B	2,240
Airport Rd. (OB)	Tymber Creek Rd. to Pineland Tr.	60			County	Yes	2.05	2	35	E+W	UA UFH 2W 2L U 0L	Major Collector - Urban	4,930	5,590	4,910	5,630	5,290	5,020	5,680	5,230	4,880	5,080	E	24,975	0.20	B	2,240
Airport Rd. (OB)	Pineland Tr. to Sunshine Blvd.	62			County	Yes	1.40	2	45	N+S	UA UFH 2W 2L U 0L	Major Collector - Urban	4,760	4,970	4,360	4,490	4,460	4,400	5,040	4,670	4,960	4,090	E	24,975	0.16	B	2,240
Airport Rd. (OB)	Sunshine Blvd. to US 1	63			County	Yes	0.30	2	35	E+W	UA UFH 2W 2L U 0L	Major Collector - Urban	6,330	6,700	7,380	7,190	6,640	6,780	7,640	7,090	7,360	6,460	E	24,975	0.26	C	2,240
Airport Rd. (PO)	Williamson Blvd to Pioneer Tr.	64			County	Yes	2.50	2	45	N+S	UA UFH 2W 2L U WL	Major Collector - Urban	5,290	5,330	5,430	5,410	5,440	6,000	6,180	6,040	6,120	7,890	E	33,300	0.23	B	2,990
Airport Rd. (NSB)	Pioneer Tr. to Luna Bella Ln	67			City	Yes	3.30	2	45	N+S	UA UFH 2W 2L U WL	Major Collector - Urban	-	-	-	2,730	2,690	3,110	3,300	3,320	3,550	3,930	E	34,965	0.11	B	3,140
Airport Rd. (NSB)	Luna Bella Ln to SR 44	68			City	Yes	3.30	2	45	N+S	UA UFH 2W 2L D WL	Major Collector - Urban	-	-	-	2,730	1,040	2,250	2,610	2,770	3,270	3,760	E	34,965	0.11	B	3,140
Amelia Ave.	US 92 to Plymouth Ave.	77			County	Yes	0.85	2	35	N+S	UA NSSRC2 2W 2L U WL	Major Collector - Urban	7,370	6,960	7,710	7,920	7,340	6,610	6,080	6,700	6,980	6,050	E	14,040	0.43	C	1,270
Amelia Ave.	Plymouth Ave. to Minnesota Ave.	75			County	Yes	0.50	2	30	N+S	UA NSSRC2 2W 2L U WL	Major Collector - Urban	11,950	12,920	12,030	12,620	11,570	10,610	10,230	10,590	10,630	9,170	E	14,040	0.65	D	1,270
Amelia Ave.	Minnesota Ave. to Ohio Ave.	74			County	Yes	0.15	2	30	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	11,650	12,500	11,680	12,300	11,440	10,310	10,260	10,380	9,310	E	13,640	0.68	D	1,020	
Amelia Ave.	Ohio Ave. to SR 44	73			County	Yes	0.15	4	30	N+S	UA NSSRC2 2W 4L U 0L	Major Collector - Urban	12,420	12,300	11,080	11,900	10,810	10,380	10,580	10,650	10,430	9,410	E	22,820	0.41	C	2,060
Amelia Ave. (DL)	SR 44 to Voorhis Ave.	71			City	No	0.25	4	30	N+S	UA NSSRC2 2W 4L U 0L	Major Collector - Urban	10,610	9,750	8,950	9,570	9,260	8,590	8,920	9,669	-	-	E	22,820	-	-	2,060
Amelia Ave. (DL)	Voorhis Ave. to Beresford Ave.	70			City	No	0.75	2	30	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	8,390	7,670	6,770	7,280	6,650	7,000	7,070	6,940	-	-	E	13,640	-	-	1,020
Anderson Dr./Cloverleaf Blvd. (DE)	Cloverleaf Blvd. to Providence Blvd.	DEL-85			City	No	1.00	2	35	N+S	UA NSSRC2 2W 2L U 0L	n/c	3,250	2,943	-	-	-	-	-	-	-	3,030	D	10,660	0.28	C	960
Ariel Rd.	Beacon Light Rd. to US 1	91			County	No	1.20	2	35	E+W	RUA UFH 2W 2L U 0L	n/c	680	590	530	530	500	560	540	540	540	640	C	6,300	0.10	B	590
Arredondo Grant Rd.	Spring Garden Ranch Rd. to James St.	100			County	Yes	0.60	2	30	E+W	RUA UFH 2W 2L U 0L	Major Collector - Urban/Rural	1,160	1,090	980	1,130	1,050	1,100	1,140	1,020	1,000	-	C	6,300	-	-	590
Arredondo Grant Rd.	James St. to SR 11	101			County	Yes	2.00	2	35	E+W	RUA UFH 2W 2L U 0L	Major Collector - Rural	590	550	460	460	450	510	580	600	610	-	C	6,300	-	-	590
Atlantic Ave. (DBS)	SR A1A/Dunlawton Ave. to Phillis Ave.	115		Yes	County	Yes	0.40	4	35	N+S	UA NSSRC2 2W 4L D WL	Minor Collector - Urban	17,620	14,180	11,530	12,400	14,380	9,170	13,680	13,050	12,920	14,770	E	30,420	0.49	D	2,740
Atlantic Ave. (DBS)	Phillis Ave. to Marcelle Ave.	113		Yes	County	Yes	0.75	2	35	N+S	UA NSSRC2 2W 2L D WL	Minor Collector - Urban	13,370	11,280	9,360	10,110	12,930	8,250	11,990	11,760	11,450	11,850	E	14,740	0.80	D	1,330

Volusia County 2015 Average Annual Daily Traffic & Historical Counts

Road Name	Limits (From - To)	Count Station Number	2014 SIS Facility	Cycle 10-2 2014 Evacuation Route	Roadway Maintaining Agency	2014 Roadway on County's Thoroughfare	Distance (in miles)	2015 No. of Lanes	Posted Speed	Direction	2015 Facility Type	2010 Federal Functional Classification	2006 AADT	2007 AADT	2008 AADT	2009 AADT	2010 AADT	2011 AADT	2012 AADT	2013 AADT	2014 AADT*	2015 AADT*	2015 Vol. Co. Allowable LOS	DAILY 2015 LOS Capacity	DAILY 2015 V/C Ratio	DAILY 2015 LOS	PEAK 2Way 2015 LOS Capacity	
Big Tree Rd.	Magnolia Ave. to Kenilworth Ave.	195			County	Yes	0.45	2	35	E+W	UA NSSRC2 2W 2L D WL	Minor Collector - Urban	12,120	13,530	11,640	11,180	11,310	10,850	10,160	9,290	10,010	9,970	E	14,740	0.68	D	1,330	
Big Tree Rd.	Kenilworth Ave. to US 1	196			County	Yes	0.55	2	35	E+W	UA NSSRC2 2W 2L D WL	Minor Collector - Urban	8,400	9,450	9,260	8,190	7,010	7,270	6,790	6,570	6,970	8,930	E	14,740	0.61	D	1,330	
Bill France Blvd. (DAY)	Clyde Morris Blvd. to Mason Ave.	202			City	No	0.38	4	45	N+S	UA NSSRC1 2W 4L D WL	Minor Collector - Urban	6,830	7,850	7,050	5,750	5,850	5,230	4,970	5,140	5,030	-	D	35,820	0.00	A	3,220	
Bill France Blvd. (DAY)	Mason Ave. to Dunn Ave.	201			City	No	0.63	4	40	N+S	UA NSSRC1 2W 4L D WL	Minor Collector - Urban	10,580	11,820	11,290	8,930	8,930	7,960	7,790	7,960	8,160	-	D	35,820	0.00	A	3,220	
Bill France Blvd. (DAY)	Dunn Ave. to US 92	200			City	No	0.60	4	35	N+S	UA NSSRC2 2W 4L U WL	Minor Collector - Urban	13,740	15,020	13,920	10,260	11,410	10,250	10,750	11,270	11,270	-	D	27,700	0.00	A	2,500	
Blackburn Rd.	CR 3 to Emporia Rd	211			County	No	1.25	2	35	N+S	RUA UFH 2W 2L U OL	Minor Collector - Rural	680	750	660	730	560	550	550	550	550	560	640	C	6,300	0.10	B	590
Blackwelder Rd.	Lake Winona Rd. to SR 11	221			County	No	3.25	2	35	E+W	RUA UFH 2W 2L U OL	n/c	400	420	200	240	190	180	180	170	170	170	220	C	6,300	0.03	B	590
Blue Lake Ave.	Plymouth Ave. to Minnesota Ave.	237			County	Yes	1.00	2	40	N+S	UA NSSRC1 2W 2L U OL	Major Collector - Urban	3,960	7,690	5,460	5,090	5,100	5,780	5,380	5,200	5,670	5,680	E	13,640	0.42	C	1,230	
Blue Lake Ave.	Minnesota Ave. to SR 44	236			County	Yes	0.55	2	30	N+S	UA NSSRC2 2W 2L U OL	Major Collector - Urban	3,650	5,320	4,230	3,920	3,760	4,330	4,190	4,060	4,500	3,880	E	13,640	0.28	C	1,020	
Blue Lake Ave.	SR 44 to Voorhis Ave.	235			County	Yes	0.25	2	30	N+S	UA NSSRC2 2W 2L U OL	Major Collector - Urban	2,900	3,760	3,000	3,260	3,200	3,480	3,520	3,370	3,520	3,550	E	13,640	0.26	C	1,020	
Blue Lake Ave.	Voorhis Ave. to Beresford Ave.	234			County	Yes	0.75	2	30	N+S	UA NSSRC2 2W 2L U OL	Major Collector - Urban	3,710	4,690	4,140	3,950	3,940	4,180	4,310	4,010	3,750	4,480	E	13,640	0.33	C	1,020	
Blue Lake Ave.	Beresford Ave. to Taylor Rd.	232			County	Yes	1.05	2	45	N+S	UA NSSRC1 2W 2L U OL	Major Collector - Urban	4,840	6,260	5,280	4,970	4,890	5,200	5,730	5,440	5,820	5,080	E	13,640	0.37	C	1,230	
Blue Lake Ave.	Taylor Rd. to Orange Camp Rd.	231			County	Yes	1.05	2	45	N+S	UA NSSRC1 2W 2L U WL	Major Collector - Urban	3,440	5,440	4,290	4,190	4,130	4,110	4,250	3,980	4,180	-	E	17,050	-	-	1,540	
Blue Springs Av (West)	Sparkman Dr to Lawton Dr	239			County	No	0.60	2	35	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	-	7,260	6,940	7,710	6,120	5,830	5,410	5,080	5,460	4,020	E	13,640	0.29	C	1,020	
Brownlee Rd.	Raulerson Rd. #1 to Raulerson Rd.	240			County	No	1.70	2	35	N+S	RUA UFH 2W 2L U OL	n/c	210	250	140	100	260	140	180	180	190	160	C	6,300	0.03	B	590	
Captain Dr. (DEL)	Lake Helen-Osteen Rd. to Snow Dr	DLT-15.000			City	No	0.50	2	35	E+W	UA NSSRC2 2W 2L U OL	n/c	4,700	6,113	4,912	-	-	-	-	-	-	-	E	13,640	-	-	0	
Captain Dr. (DEL)	Snow Dr to Courtland Blvd.	DLT-15.010			City	No	1.00	2	35	E+W	UA NSSRC2 2W 2L U OL	n/c	2,240	3,562	3,340	-	-	-	-	-	-	-	E	13,640	-	-	0	
Cardinal Blvd.	SR 421/Dunlawton Ave. to Demotte Ave	245																				1,280	E	13,640	0.09	C	1,020	
Cardinal Blvd.	Demotte Ave. to Marcelle Ave	260			County	No	0.15	2	30	N+S	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	2,780	3,370	4,530	4,630	4,830	5,090	5,160	4,740	4,740	5,230	E	13,640	0.38	C	1,020	
Cardinal Blvd.	Marcelle Ave to Major St.	261			County	No	2.00	2	30	N+S	UA NSSRC2 2W 2L U OL	n/c	430	1,120	1,100	940	940	790	870	730	820	880	E	13,640	0.06	C	1,020	
Carter Rd.	SR 11 to Marsh Rd.	270			County	No	1.75	2	40	E+W	UA NSSRC1 2W 2L U OL	n/c	1,540	1,340	1,400	1,470	1,540	1,400	1,460	1,420	1,520	-	E	13,640	-	-	1,230	
Cassadaga Rd.	W. Volusia Bldwy. to Macy Ave.	280			County	Yes	1.80	2	30	N+S	UA NSSRC2 2W 2L U OL	Major Collector - Urban	2,410	2,380	1,670	2,170	2,100	1,970	2,190	2,010	1,900	2,260	E	13,640	0.17	C	1,230	
Catalina Blvd. (DEL)	Wolfpack Run to Howland Blvd.	DLT-20.010			City	No	1.00	2	35	N+S	UA OCCRAC1 2W 2L U OL	n/c	4,000	4,116	3,161	-	-	-	-	-	-	3,060	3,060	D	10,660	0.29	C	960
Catalina Blvd. (DEL)	Howland Blvd. to Sixma Rd.	DLT-20.020			City	No	0.50	2	35	N+S	UA NSSRC2 2W 2L U OL	Major Collector - Urban	12,750	15,799	12,089	-	-	-	-	11,700	12,590	12,590	D	10,660	1.18	E	960	
Catalina Blvd. (DEL)	Sixma Rd. to Lake Helen-Osteen Rd.	DLT-20.030			City	No	0.40	2	35	N+S	UA NSSRC2 2W 2L U OL	Major Collector - Urban	10,120	9,401	10,733	-	-	-	-	9,780	10,630	10,630	D	10,660	1.00	D	960	
Clara Ave.	Beresford Ave. to New Hampshire Ave.	303			County	No	0.50	2	30	N+S	UA NSSRC2 2W 2L U OL	Major Collector - Urban	2,490	2,840	2,390	1,350	1,910	2,070	2,040	2,270	2,200	-	E	13,640	-	-	1,020	
Clara Ave.	New Hampshire Ave. to SR 15A	301			County	No	0.50	2	30	N+S	UA NSSRC2 2W 2L U OL	Major Collector - Urban	1,570	1,800	1,780	1,410	1,540	1,640	1,640	1,850	1,870	-	E	13,640	-	-	1,020	
Clifton Rd.	Lake Winona Rd. to SR 11	311			County	No	1.70	2	30	E+W	RUA UFH 2W 2L U OL	n/c	180	250	180	200	180	190	160	170	160	170	170	C	6,300	0.03	B	590
Clyde Morris Blvd.	SR 40 to Hand Ave	348			County	Yes	0.80	4	35	N+S	UA NSSRC2 2W 4L D WL	Principal Arterial - Other - Urban	16,380	18,450	12,060	12,220	13,030	12,340	11,940	11,230	11,670	12,230	E	30,420	0.40	C	2,740	
Clyde Morris Blvd.	Hand Ave. to LPGA Blvd.	343			County	Yes	1.50	4	50	N+S	UA NSSRC1 2W 4L D WL	Principal Arterial - Other - Urban	15,640	17,500	11,790	11,970	13,000	14,070	13,560	12,280	13,520	13,440	E	37,970	0.35	C	3,410	
Clyde Morris Blvd.	LPGA Blvd. to Bill France Blvd.	341			County	Yes	1.25	4	50	N+S	UA NSSRC1 2W 4L D WL	Principal Arterial - Other - Urban	15,920	17,890	12,700	12,660	13,690	13,450	12,880	12,290	13,370	14,540	E	37,970	0.38	C	3,410	
Clyde Morris Blvd.	Bill France Blvd. to Mason Ave.	338			County	Yes	0.60	4	45	N+S	UA NSSRC1 2W 4L D WL	Principal Arterial - Other - Urban	14,390	16,700	12,420	12,610	13,630	13,140	12,310	11,990	12,960	13,930	E	37,970	0.37	C	3,410	
Clyde Morris Blvd./SR 483	SR 430/Mason Ave. to US 92	5182			FDOT	Yes	1.20	4	45	N+S	UA SSAC1 2W 4L U WL	Principal Arterial - Other - Urban	20,500	20,500	18,400	17,700	18,300	20,000	18,100	18,900	20,000	20,000	D	37,800	0.53	C	3,400	
Clyde Morris Blvd./SR 483	US 92 to Beville Rd.	5193			FDOT	Yes	2.00	4	45	N+S	UA SSAC1 2W 4L U WL	Principal Arterial - Other - Urban	34,000	32,000	31,500	26,500	31,000	30,500	27,000	26,000	32,500	32,000	D	37,800	0.85	C	3,400	
Clyde Morris Blvd.	Beville Rd. to Big Tree Rd.	337			County	Yes	0.90	4	45	N+S	UA NSSRC1 2W 4L D WL	Principal Arterial - Other - Urban	25,470	28,340	24,640	23,350	23,290	24,600	22,880	21,790	23,460	21,760	E	37,970	0.57	C	3,410	
Clyde Morris Blvd.	Big Tree Rd. to Madeline Ave.	335			County	Yes	1.00	4	45	N+S	UA NSSRC1 2W 4L D WL	Principal Arterial - Other - Urban	25,040	27,880	22,640	21,970	23,010	24,200	22,260	20,800	22,910	25,110	E	37,970	0.66	C	3,410	
Clyde Morris Blvd.	Madeline Ave. to Willow Run Blvd.	333			County	Yes	1.30	4	45	N+S	UA NSSRC1 2W 4L D WL	Principal Arterial - Other - Urban	24,690	27,290	25,290	21,200	22,130	22,750	21,460	20,000	21,710	20,770	E	37,970	0.55	C	3,410	
Clyde Morris Blvd.	Willow Run Blvd. to SR 421/Dunlawton	332			County	Yes	0.65	4	45	N+S	UA NSSRC1 2W 4L D WL	Principal Arterial - Other - Urban	22,760	24,710	19,550	19,810	19,890	21,310	19,060	18,420	19,280	21,080	E	37,970	0.56	C	3,410	
Clyde Morris Blvd.	SR 421/Dunlawton Ave to Taylor Rd.	330			County	Yes	0.95	2	40	N+S	UA NSSRC1 2W 2L U WL	Minor Arterial - Urban	11,390	12,870	8,730	10,300	10,530	10,060	9,900	9,190	9,390	8,810	E	17,050	0.52	C	1,540	
Commonwealth Blvd.	Spruce Creek Rd. to Orange Ave.	360			County	No	0.55	2	30	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	5,900	6,410	6,620	5,210	5,380	5,250	5,450	5,220	5,180	5,460	E	13,640	0.40	D	1,020	
Commonwealth Blvd.	Orange Ave. to US 1	361			County	No	0.35	2	30	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	3,730	4,120	3,970	3,460	3,590	3,670	3,540	3,530	3,620	3,890	E	13,640	0.29	C	1,020	
CR 3	US 17 to Washington Ave.	386			County	Yes	2.20	2	35	N+S	RDA UFH 2W 2L U OL	Minor Collector - Rural	1,200	1,320	1,250	1,220	1,200	1,040	1,100	1,060	1,250	1,160	C	12,300	0.09	B	1,160	
CR 3	Washington Ave. to Emporia Rd	384			County	Yes	1.20	2	30	N+S	RDA UFH 2W 2L U OL	Minor Collector - Rural	2,070	2,320	1,740	1,980	1,870	1,650	1,680	1,680	1,580	1,750	C	12,300	0.14	B	1,160	
CR 3	Emporia Rd to SR 40	382			County	Yes	3.40																					

Volusia County 2015 Average Annual Daily Traffic & Historical Counts

Road Name	Limits (From - To)	Count Station Number	2014 SIS Facility	Cycle 10-2 2014 Evacuation Route	Roadway Maintaining Agency	2014 Roadway on County's Thoroughfare	Distance (in miles)	2015 No. of Lanes	Posted Speed	Direction	2015 Facility Type	2010 Federal Functional Classification	2006 AADT	2007 AADT	2008 AADT	2009 AADT	2010 AADT	2011 AADT	2012 AADT	2013 AADT	2014 AADT*	2015 AADT*	2015 Vol. Co. Allowable LOS	DAILY 2015 LOS Capacity	DAILY 2015 V/C Ratio	DAILY 2015 LOS	PEAK 2Way 2015 LOS Capacity
Dirksen/DeBary/Doyle	Enterprise St. to Main St.	482			County	Yes	0.15	4	35	E+W	UA NSSRC2 2W 4L D WL	Minor Arterial - Urban	20,070	19,980	17,150	16,970	22,090	23,180	23,030	22,400	24,130	25,060	E	30,420	0.82	D	2,740
Dirksen/DeBary/Doyle	Main St. to Providence Blvd.	484			County	Yes	0.80	4	35	E+W	UA NSSRC2 2W 4L D WL	Minor Arterial - Urban	22,160	21,930	19,300	18,560	19,280	20,230	21,260	20,460	20,600	23,820	E	30,420	0.78	D	2,740
Dirksen/DeBary/Doyle	Providence Blvd. to Garfield Rd.	485			County	Yes	1.20	2	40	E+W	UA NSSRC1 2W 2L U OL	Minor Arterial - Urban	12,340	13,250	11,660	11,570	10,670	11,700	12,400	11,960	11,960	13,120	E	13,640	0.96	E	1,230
Dirksen/DeBary/Doyle	Garfield Rd. to Saxon Blvd.	530			County	Yes	1.50	2	40	E+W	UA NSSRC1 2W 2L U OL	Minor Arterial - Urban	10,030	10,760	9,120	9,670	7,590	9,420	9,580	9,220	9,240	9,660	E	13,640	0.71	C	1,230
Dirksen/DeBary/Doyle	Saxon Blvd. to Courtland Blvd.	531			County	Yes	2.55	2	45	E+W	UA NSSRC1 2W 2L U OL	Minor Arterial - Urban	9,170	9,020	8,180	8,870	8,720	7,880	8,020	7,800	7,670	8,860	E	13,640	0.65	C	1,230
Dirksen/DeBary/Doyle	Courtland Blvd. to SR 415	533			County	Yes	1.50	2	40	E+W	UA NSSRC1 2W 2L U OL	Minor Arterial - Urban	5,730	6,700	5,830	6,370	5,800	6,020	5,950	5,680	5,450	5,330	E	13,640	0.39	C	1,230
Dunn/George Engram/Fairview/Ma	Tomoka Farms Rd. to Williamson Blvd.	716			County	Yes	0.75	2	40	E+W	UA NSSRC1 2W 2L U WL	Major Collector - Urban	-	-	-	-	1,220	1,660	1,800	2,350	3,020	E	17,050	0.18	C	1,540	
Dunn/George Engram/Fairview/Ma	Williamson Blvd. to Bill France Blvd.	717			County	Yes	1.00	2	40	E+W	UA NSSRC1 2W 2L U WL	Major Collector - Urban	-	-	-	6,140	6,150	5,910	6,530	6,760	6,940	5,870	E	17,050	0.34	C	1,540
Dunn/George Engram/Fairview/Ma	Bill France Blvd. to Clyde Morris Blvd.	718 (DB-54)			County	Yes	0.85	2	35	E+W	UA NSSRC2 2W 2L U WL	Minor Arterial - Urban	16,618	19,622	13,264	12,430	12,740	11,350	11,530	11,350	12,080	-	E	14,040	-	-	1,270
Dunn/George Engram/Fairview/Ma	Clyde Morris Blvd. to Nova Rd.	719 (DB-46)			County	Yes	1.00	4	40	E+W	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	13,190	13,780	13,770	11,410	11,590	10,550	10,400	10,150	10,730	10,640	E	37,970	0.28	C	3,410
Dunn/George Engram/Fairview/Ma	Nova Rd. to US 1	720			County	Yes	1.20	4	35	E+W	UA NSSRC2 2W 4L D WL	Minor Arterial - Urban	11,760	12,880	11,330	11,790	12,090	10,430	10,310	10,230	10,830	9,640	E	30,420	0.32	C	2,740
Dunn/George Engram/Fairview/Ma	US 1 to Beach St	631			County	Yes	0.40	2	30	E+W	UA NSSRC2 2W 2L U WL	Minor Arterial - Urban	5,640	6,200	5,590	5,500	5,670	5,570	5,060	5,380	4,990	5,880	E	14,040	0.42	C	1,270
Dunn/George Engram/Fairview/Ma	Beach St. to Peninsula Dr.	1170			County	Yes	0.60	2	30	E+W	UA NSSRC2 2W 2L U WL	Minor Arterial - Urban	7,080	7,650	7,050	6,220	6,710	6,980	6,330	6,560	6,190	8,020	E	14,040	0.57	D	1,270
Dunn/George Engram/Fairview/Ma	Peninsula Dr. to SR A1A	1171			County	Yes	0.35	2	30	E+W	UA NSSRC2 2W 2L U OL	Minor Arterial - Urban	6,250	6,770	6,640	5,360	5,870	6,010	5,700	5,540	5,210	E	13,640	0.31	C	1,020	
Elkcam Blvd. (DEL)	Normandy Blvd. to Ft. Smith Blvd.	DLT-45.000			City	No	1.50	2	35	E+W	UA NSSRC2 2W 2L U OL	Major Collector - Urban	-	10,153	5,142	-	-	-	-	7,500	7,850	7,850	D	10,660	0.74	D	960
Elkcam Blvd. (DEL)	Ft. Smith Blvd. to Providence Blvd.	DLT-45.010			City	No	1.00	2	35	E+W	UA NSSRC2 2W 2L U OL	Major Collector - Urban	-	7,158	4,805	-	-	-	-	6,130	6,280	6,280	D	10,660	0.59	D	960
Elkcam Blvd. (DEL)	Providence Blvd. to Montecito Ave.	DLT-45.020			City	No	1.05	2	35	E+W	UA NSSRC2 2W 2L U OL	Major Collector - Urban	-	11,751	11,772	-	-	-	-	10,080	10,170	10,170	D	10,660	0.95	D	960
Elkcam Blvd. (DEL)	Montecito Ave. to Howland Blvd.	DLT-45.040			City	No	1.00	2	35	E+W	UA NSSRC2 2W 2L U OL	Major Collector - Urban	-	5,591	10,554	-	-	-	-	9,930	10,230	10,230	D	10,660	0.96	D	960
Elkcam Blvd. (DEL)	Howland Blvd. to Lake Helen-Osteen Rd	DLT-45.050			City	No	0.15	2	35	E+W	UA NSSRC2 2W 2L D WL	Minor Collector - Urban	-	6,968	13,766	-	-	-	-	10,530	10,750	10,750	D	13,990	0.77	D	1,260
Elkcam Blvd. (DEL)	Lake Helen-Osteen Rd to Courtland Blvd	DLT-45.060			City	No	0.70	2	35	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	-	4,736	8,571	-	-	-	-	6,900	7,190	7,190	D	10,660	0.67	D	960
Elkcam Blvd. (DEL)	Courtland Blvd. to Riverhead Dr.	DLT-45.080			City	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U OL	n/c	-	592	943	-	-	-	-	480	500	500	D	10,660	0.05	C	960
Emporia Rd.	SR 40 to Peterson/Blackburn	560			County	Yes	3.00	2	40	N+S	RUA UFH 2W 2L U OL	Minor Collector - Rural	920	1,030	800	850	860	690	720	690	660	-	C	6,300	-	-	590
Emporia Rd.	Peterson/Blackburn to RUS 17	564			County	Yes	1.45	2	40	E+W	RUA UFH 2W 2L U OL	Minor Collector - Rural	1,540	1,640	1,210	1,420	1,880	1,280	1,230	1,320	1,060	-	C	6,300	-	-	590
Enterprise Ave. (NSB)	Pioneer Tr. to Halleck St.	570			County	Yes	0.10	2	35	E+W	UA NSSRC2 2W 2L U OL	Major Collector - Urban	7,400	7,110	7,500	7,210	7,640	7,460	7,000	7,740	7,900	8,210	E	13,640	0.60	D	1,020
Enterprise Rd.	US 17/92 to Harley Strickland Blvd.	586			County	Yes	0.50	4	35	N+S	UA NSSRC2 2W 4L D WL	Minor Arterial - Urban	24,250	23,270	23,090	23,210	22,160	22,090	20,900	19,330	20,650	20,860	E	30,420	0.69	D	2,740
Enterprise Rd.	Harley Strickland Blvd. to Saxon Blvd.	585			County	Yes	0.50	4	45	N+S	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	24,860	25,370	24,100	25,340	23,250	23,670	22,790	20,710	22,110	23,120	E	37,970	0.61	C	3,410
Enterprise Rd.	Saxon Blvd. to Highbanks Rd.	584			County	Yes	1.55	4	45	N+S	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	20,510	23,270	23,150	24,490	23,470	23,660	23,750	21,590	23,790	20,550	E	37,970	0.54	C	3,410
Enterprise Rd.	Highbanks Rd. to Deltona Blvd.	582			County	Yes	0.50	4	35	N+S	UA NSSRC2 2W 4L D WL	Minor Arterial - Urban	14,090	15,750	14,720	14,990	12,530	15,330	14,620	14,110	15,010	15,820	E	30,420	0.52	D	2,740
Enterprise Rd.	Deltona Blvd. to Main St.	581			County	Yes	1.10	2	35	N+S	UA NSSRC2 2W 2L U WL	n/c	6,310	6,860	5,990	6,100	7,030	7,800	7,150	7,270	7,390	7,050	E	14,040	0.50	D	1,270
Enterprise-Osteen Rd.	Providence to Garfield Rd	600			County	Yes	1.50	2	30	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	2,970	2,790	2,580	2,480	2,570	2,690	2,470	2,470	2,490	2,630	E	10,220	0.26	C	1,020
Enterprise-Osteen Rd.	Garfield Rd to Reed Ellis Rd.	601			County	Yes	1.70	2	35	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	1,960	2,020	1,870	1,840	1,750	1,850	1,690	1,690	1,760	1,960	E	10,220	0.19	C	1,020
Enterprise-Osteen Rd.	Reed Ellis Rd. to SR 415	602			County	Yes	2.50	2	35	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	1,270	1,350	1,150	1,210	1,050	1,160	1,080	1,160	1,140	1,250	E	10,220	0.12	C	1,020
Euclid Ave.	Grand to Fatio Rd.	610			County	No	0.25	2	35	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	1,570	1,860	1,200	1,220	1,190	1,190	1,080	1,150	1,030	1,130	E	13,640	0.08	C	1,020
Euclid Ave.	Fatio Rd. to Woodward Ave.	611			County	No	0.25	2	30	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	1,640	1,950	1,370	1,380	1,340	1,360	1,270	1,330	1,220	1,360	E	13,640	0.10	C	1,020
Euclid Ave.	Woodward Ave. to SR 15A	612			County	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	2,860	3,400	2,300	2,390	2,270	2,310	2,300	2,290	2,140	2,280	E	13,640	0.17	C	1,020
Euclid Ave.	SR 15A to Adelle Ave.	613			County	No	0.75	2	30	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	2,790	3,310	2,500	2,740	2,520	2,440	2,510	2,430	2,380	2,450	E	13,640	0.18	C	1,020
Euclid Ave.	Adelle Ave. to US 17/92	614			County	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	1,850	2,140	2,080	1,940	2,180	2,150	2,200	2,150	2,210	-	E	13,640	-	-	1,020
Eustace Ave. (DEL)	Catalina Blvd. to Providence Blvd	DLT-55.010			City	No	0.85	2	30	E+W	UA NSSRC2 2W 2L U OL	n/c	-	3,639	4,199	-	-	-	-	3,480	3,770	3,770	D	10,660	0.35	C	960
Flagler Ave. (NSB)	N. Causeway to Peninsula Ave.	640			FDOT	Yes	0.40	2	35	E+W	UA NSSRC2 2W 2L U OL	Minor Arterial - Urban	8,310	7,960	8,270	8,820	9,100	8,560	9,500	-	-	11,080	E	13,640	0.81	E	1,020
Flagler Ave. (NSB)	Peninsula Ave. to Atlantic Ave.	641			City	Yes	0.40	2	20	E+W	UA NSSRC2 2W 2L U OL	Major Collector - Urban	4,740	4,500	4,740	5,120	5,420	5,050	4,130	-	-	6,380	E	13,640	0.47	D	1,020
Flomich St.	Derbyshire Rd. to SR 5A/Nova Rd.	650			County	Yes	0.30	2	30	E+W	UA NSSRC2 2W 2L U OL	Major Collector - Urban	5,600	6,210	5,890	4,980	5,520	5,450	5,570	5,430	5,140	4,900	E	13,640	0.36	C	1,020
Flomich St.	SR 5A/Nova Rd. to US 1				City	No	1.40	2	25	E+W	UA NSSRC2 2W 2L U OL	Major Collector - Urban	-	-	-	-	-	-	-	-	-	-	E	13,640	-	-	1,020
Fort Florida Rd.	Highbanks Rd. to Ft. Florida Point Rd.	661			City	No	1.75	2	35	N+S	UA NSSRC2 2W 2L U OL	Minor Collector - Urban	1,190	1,130	950	1,150	970	1,090	1,080	1,170	1,020	-	E	13,640	-	-	1,020
Fort Florida Rd.	FL Florida Point																										

Volusia County 2015 Average Annual Daily Traffic & Historical Counts

Road Name	Limits (From - To)	Count Station Number	2014 SIS Facility	Cycle 10-2 2014 Evacuation Route	Roadway Maintaining Agency	2014 Roadway on County's Thoroughfare	Distance (in miles)	2015 No. of Lanes	Posted Speed	Direction	2015 Facility Type	2010 Federal Functional Classification	2006 AADT	2007 AADT	2008 AADT	2009 AADT	2010 AADT	2011 AADT	2012 AADT	2013 AADT	2014 AADT*	2015 AADT*	2015 Vol. Co. Allowable LOS	DAILY 2015 LOS Capacity	DAILY 2015 V/C Ratio	DAILY 2015 LOS	PEAK 2Way 2015 LOS Capacity	
Hand Ave. (OB)	Nova Rd. to US 1	834			City	Yes	1.90	2	25	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	11,730	8,480	7,860	7,270	7,670	8,080	5,360	-	-	-	E	13,640	-	-	1,020	
Harley Strickland Blvd. (OC)	Enterprise Rd. to Veteran's Memorial Pk	841			City	No	1.35	2	35	E+W	UA NSSRC2 2W 2L U WL	Major Collector - Urban	11,460	13,760	12,190	12,110	12,770	12,390	11,850	11,760	-	-	-	E	14,040	-	-	-
Hazen Rd.	Mercers Fernery Rd. to Plymouth Ave.	852			County	Yes	1.50	2	35	N+S	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	850	880	620	630	590	720	700	800	820	680	E	13,640	0.05	C	1,020	
Hazen Rd.	Plymouth Ave. to SR 44	850			County	Yes	1.00	2	40	N+S	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	1,370	1,480	1,190	1,130	1,130	1,050	1,240	1,250	1,400	1,480	E	13,640	0.11	C	1,230	
Highbanks Rd. (DB)	Fort Florida Rd. to Westside Connector	860			City	No	1.75	2	40	E+W	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	1,950	1,980	2,100	2,260	1,880	1,810	1,840	2,120	1,760	7,880	D	12,740	0.62	C	1,150	
Highbanks Rd. (DB)	Westside Connector to US 17/92	861			City	No	1.00	2	35	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	10,850	10,550	9,700	10,380	9,600	10,010	9,840	9,860	7,870	D	10,660	0.74	D	960		
Highbanks Rd. (DB)	US 17/92 to Enterprise Rd.	863			City	No	1.45	2	40	E+W	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	7,420	7,990	7,420	7,070	6,800	7,360	7,370	7,380	-	-	-	D	12,740	-	-	1,150
Highbridge Rd.	Walter Boardman Ln. to John Anderson	871			County	Yes	1.60	2	30	E+W	RDA UFH 2W 2L U 0L	Major Collector - Rural	2,010	2,010	1,950	2,370	2,130	1,830	2,100	1,750	2,020	2,480	C	12,300	0.20	C	1,090	
Highbridge Rd.	John Anderson Dr. to SR A1A	872			County	Yes	0.20	2	30	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	1,580	1,610	1,560	1,920	1,730	1,520	1,780	1,490	1,660	2,170	E	13,640	0.16	C	1,020	
Hill Ave./Jacobs Rd.	US 92 to Plymouth Ave.	950			County	Yes	0.85	2	40	N+S	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	4,910	5,770	5,580	5,100	6,190	5,870	5,190	5,820	5,900	6,170	E	13,640	0.45	C	1,230	
Hill Ave. (DL)	Plymouth Ave. to Minnesota Ave.	885			City	Yes	0.50	2	30	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	4,980	5,590	4,410	4,700	4,340	5,240	5,020	4,890	5,210	-	-	E	13,640	-	-	1,020
Hill Ave. (DL)	Minnesota Ave. to SR 44	883			City	Yes	0.50	2	30	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	4,380	4,680	3,690	3,800	3,810	4,060	4,010	3,800	-	-	-	E	13,640	-	-	1,020
Hill Ave.	SR 44 to Voorhis Ave.	882			County	Yes	0.25	2	30	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	2,760	2,870	2,230	2,290	2,400	2,530	2,780	2,540	2,760	-	-	E	13,640	-	-	1,020
Hill Ave.	Voorhis Ave. to Beresford Ave.	881			County	Yes	0.75	2	30	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	2,310	2,450	2,050	2,080	2,130	2,310	2,370	2,200	2,510	-	-	E	13,640	-	-	1,020
Hill Ave.	Beresford Ave. to Taylor Rd.	878			County	Yes	1.00	2	30	N+S	UA NSSRC2 2W 2L U 0L	n/c	-	-	-	-	-	430	480	550	820	-	-	E	13,640	-	-	1,020
Hontoon Rd.	Old New York Ave. to Botts Landing Rd.	891			County	No	1.15	2	40	N+S	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	3,330	3,570	2,990	2,930	2,930	3,050	2,840	2,820	2,990	3,180	C	13,640	0.23	C	1,090	
Hontoon Rd.	Botts Landing Rd. to end of road	890			County	No	2.00	2	35	N+S	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	980	1,060	850	780	920	870	790	840	880	1,000	C	13,640	0.07	C	470	
Howland Blvd.	I-4/SR 472 to Wolf Pack Run	901			FDOT	Yes	0.40	4	45	E+W	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	34,200	31,910	29,950	28,290	30,330	30,490	29,890	27,480	30,590	36,570	E	37,970	0.96	E	3,410	
Howland Blvd.	Wolf Pack Run to Catalina Blvd.	903			County	Yes	1.15	4	45	N+S	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	30,200	28,810	26,660	25,260	27,640	28,010	27,440	25,280	27,770	31,520	E	37,970	0.83	C	3,410	
Howland Blvd.	Catalina Blvd. to Providence Blvd.	905			County	Yes	0.35	4	45	N+S	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	23,670	22,660	20,700	19,640	21,390	22,110	21,930	20,070	22,700	23,710	E	37,970	0.62	C	3,410	
Howland Blvd.	Providence Blvd. to Elkcam Blvd.	906			County	Yes	2.10	2	45	N+S	UA NSSRC1 2W 2L U 0L	Minor Arterial - Urban	14,610	16,590	14,620	13,380	15,390	16,890	14,140	15,140	15,140	16,430	16,780	E	13,640	1.23	F	1,230
Howland Blvd.	Elkcam Blvd. to Lake Helen-Osteen Rd.	908			County	Yes	0.30	4	45/40	N+S	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	18,200	17,460	15,020	15,250	15,030	15,300	15,620	14,220	15,090	16,530	E	37,970	0.44	C	3,410	
Howland Blvd.	Lake Helen-Osteen Rd. to Newmark Dr.	909			County	Yes	0.70	4	40	N+S	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	21,180	20,890	17,810	16,330	19,340	20,350	20,990	19,330	19,990	19,690	E	37,970	0.52	C	3,410	
Howland Blvd.	Newmark Dr. to Courtland Blvd.	911			County	Yes	1.15	4	45	N+S	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	16,580	16,820	14,860	13,640	16,250	16,640	16,990	15,600	15,490	16,060	E	37,970	0.42	C	3,410	
Howland Blvd.	Courtland Blvd. to Ft Smith Blvd.	913			County	Yes	1.80	2	45	N+S	UA NSSRC1 2W 2L U WL	Minor Arterial - Urban	11,280	12,690	11,160	11,570	12,820	13,280	12,920	11,770	11,240	10,990	E	17,050	0.64	C	1,540	
Howland Blvd.	Ft Smith Blvd. to SR 415	915			County	Yes	0.65	2	45	N+S	UA NSSRC1 2W 2L U WL	Minor Arterial - Urban	8,220	11,730	11,870	11,580	12,770	12,650	12,180	12,530	12,960	14,030	E	17,050	0.82	C	1,540	
India Blvd. (DEL)	Fort Smith Blvd. to Humphrey Blvd.	DLT-80.000			City	No	2.06	2	35	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	-	6,106	3,750	-	-	-	-	3,520	4,120	4,120	D	10,660	0.39	C	960	
India Blvd. (DEL)	Humphrey Blvd. to Courtland Blvd.	DLT-80.010			City	No	2	35	E+W	UA OCCRAC1 2W 2L U 0L	n/c	-	4,459	3,501	-	-	-	-	-	4,390	4,390	D	10,660	0.41	C	960		
Indian Lake Rd.	Tiger Bay Rd. to US 92	935			County	No	0.80	2	40	N+S	UA NSSRC1 2W 2L U 0L	n/c	5,880	7,250	6,340	5,380	5,020	6,090	5,550	5,180	5,150	5,870	E	12,740	0.46	C	1,230	
Jimmy Ann Dr. (DAY)	LPGA Blvd. to Clyde Morris Blvd.	962			City	No	0.30	2	45	N+S	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	7,430	8,330	8,660	7,890	8,470	7,520	7,650	7,680	6,980	-	-	D	12,740	-	-	1,150
Jimmy Ann Dr. (DAY)	Clyde Morris Blvd. to Mason Ave.	960			City	No	0.15	2	45	N+S	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	5,730	4,760	4,700	4,460	4,900	4,380	4,000	4,070	3,890	-	-	D	12,740	-	-	1,150
John Anderson Dr.	Highbridge Rd. to Lynnhurst	974			County	Yes	7.40	2	35	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	4,420	5,180	3,430	4,080	3,880	3,590	3,960	4,570	3,240	3,700	E	13,640	0.27	C	1,020	
John Anderson Dr.	Lynnhurst to Halifax Dr	972			County	Yes	0.85	2	30	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	6,150	6,890	5,550	5,620	5,220	5,390	5,520	6,730	5,180	-	-	E	13,640	0.38	C	1,020
John Anderson Dr. (OB)	Halifax Dr. to Neptune	971			City	Yes	1.00	2	25	N+S	n/c	4,510	5,070	3,690	3,560	3,620	3,610	3,950	-	-	-	-	E	13,640	-	-	1,020	
John Anderson Dr. (OB)	Neptune to SR 40	970			City	Yes	1.00	2	25	N+S	UA NSSRC2 2W 2L U 0L	n/c	6,460	7,120	5,430	5,550	5,110	5,060	5,930	-	-	-	-	E	13,640	-	-	1,020
John Anderson Hwy.	Walter Boardman Lane to Flagler Co.	990			County	Yes	1.00	2	5 NB / 30 S	N+S	RDA UFH 2W 2L U 0L	Minor Collector - Rural	1,060	1,060	1,110	1,040	960	1,000	1,140	900	950	1,150	C	12,300	0.09	B	1,150	
Josephine St/10th St.	Old Mission Rd. to Tatum Blvd.	1000			County	Yes	0.30	2	30	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	6,310	6,370	5,610	6,370	6,000	5,810	5,860	5,910	5,820	4,830	E	13,640	0.35	C	1,020	
Josephine St/10th St. (NSB)	Tatum Blvd. to US 1	1002			City	Yes	1.80	2	35	E+W	UA NSSRC2 2W 2L U WL	Major Collector - Urban	6,930	6,920	6,870	7,400	7,310	7,350	7,140	-	-	4,940	E	14,040	-	-	1,270	
Kathy Dr. (N. Penin.)	John Anderson Dr. to SR A1A	1011			County	No	0.44	2	30	E+W	UA NSSRC2 2W 2L U 0L	n/c	400	390	430	420	470	420	460	470	460	410	E	13,640	0.03	C	1,020	
Kennedy Pkwy (Old SR 3)	US 1 to Park Entrance	1020			Federal	No	4.00	2	55	E+W	RUA UFH 2W 2L U 0L	Major Collector - Rural	950	830	1,000	930	1,040	700	660	-	-	-	-	C	6,300	-	-	590
Kicklighter Rd.	Macy Ave. to Lake Helen-Osteen/Preval	1051			County	Yes	0.75	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	1,520	1,640	1,760	1,770	1,930	2,080	1,810	1,690	1,680	1,820	E	13,640	0.13	C	1,020	
Lake George Rd.	Bream Dr. to US 17	1062			County	No	3.90	2	30	E+W	RUA UFH 2W 2L U 0L	n/c	940	1,080	990	1,010	780	860	820	740	780	810	C	6,300	0.13	B	590	
Lake Helen-Osteen Rd.	Kicklighter Rd. to Captain Dr.	1076			County	Yes	1.40	2	40	N+S	UA NSSRC1 2W 2L U 0L	Minor Arterial - Urban	7,810	8,290	6,290	7,310	7,020	7,030	6,570	6,750	6,760	6,990	E	13,640	0.51	D	1,020	
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Volusia County 2015 Average Annual Daily Traffic & Historical Counts

Road Name	Limits (From - To)	Count Station Number	2014 SIS Facility	Cycle 10-2 2014 Evacuation Route	Roadway Maintaining Agency	2014 Roadway on County's Thoroughfare	Distance (in miles)	2015 No. of Lanes	Posted Speed	Direction	2015 Facility Type	2010 Federal Functional Classification	2006 AADT	2007 AADT	2008 AADT	2009 AADT	2010 AADT	2011 AADT	2012 AADT	2013 AADT	2014 AADT*	2015 AADT*	2015 Vol. Co. Allowable LOS	DAILY 2015 LOS Capacity	DAILY 2015 V/C Ratio	DAILY 2015 LOS	PEAK 2Way 2015 LOS Capacity	
Marsh Rd.	Carter Rd. to US 92	1180			County	Yes	2.05	2	35	N+S	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	2,920	2,730	2,140	2,140	2,430	2,330	2,340	2,390	2,230	2,840	E	13,640	0.21	C	1,020	
Mason Ave.	Williamson Blvd. to Fentress Blvd.	1190			County	Yes	0.60	2	45	E+W	UA NSSRC1 2W 2L D WL	Minor Arterial - Urban	9,490	10,860	9,090	8,400	8,360	8,300	8,450	8,650	8,380	10,670	E	17,900	0.60	C	1,620	
Mason Ave.	Fentress Blvd. to Bill France Blvd.	1191			County	Yes	0.50	2	40	E+W	UA NSSRC1 2W 2L D WL	Minor Arterial - Urban	11,660	11,550	10,700	10,680	10,580	9,320	9,760	8,460	9,870	12,340	E	17,900	0.69	C	1,620	
Mason Ave.	Bill France Blvd. to Jimmy Ann Dr.	1193			County	Yes	0.30	4	40	E+W	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	13,750	13,830	13,250	12,140	12,900	11,750	12,520	11,660	11,550	13,030	E	37,970	0.34	C	3,410	
Mason Ave.	Jimmy Ann Dr. to SR 483/Clyde Morris B	1194			County	Yes	0.50	4	40	E+W	UA NSSRC1 2W 4L D WL	Minor Arterial - Urban	14,650	16,230	13,510	13,150	13,530	12,120	12,330	11,940	11,820	13,340	E	37,970	0.35	C	3,410	
Maytown Rd.	New Smyrna Blvd. to Pell Rd.	1196			County	No	5.60	2	50	E+W	RDA UFH 2W 2L U 0L	Minor Collector - Rural	3,450	3,370	3,120	3,360	3,120	3,350	3,270	3,120	2,730	3,400	C	12,300	0.28	B	1,160	
Maytown Rd.	Pell Rd. to Beacon Light Rd.	1198			County	No	12.90	2	45	E+W	RUA UFH 2W 2L U 0L	Minor Collector - Rural	1,110	720	660	670	650	730	600	700	690	780	C	6,300	0.12	B	590	
Maytown Rd./Halifax Ave. (OH)	Beacon Light Rd. to US 1	790			County	Yes	1.10	2	35	E+W	RDA UFH 2W 2L U 0L	Minor Collector - Rural	1,770	1,990	1,380	1,650	1,650	1,770	1,680	1,620	1,720	1,730	C	12,300	0.14	B	1,160	
McBride Rd.	US 17 to Lake George Rd.	1200			County	No	3.00	2	35	N+S	RUA UFH 2W 2L U 0L	n/c	380	380	270	290	310	300	220	220	250	250	C	6,300	0.04	B	590	
McGregor Rd.	Westside Con./Fatio to Spring Garden A	1210			County	Yes	0.70	2	40	E+W	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	-	-	-	-	1,600	1,600	1,600	1,570	1,610	-	E	13,640	-	-	1,230	
McGregor Rd.	Spring Garden Ave. to US17/92	1211			County	Yes	1.40	2	40	E+W	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	5,440	5,580	4,990	4,730	4,600	8,110	8,850	6,250	7,630	3,900	E	13,640	0.29	C	1,230	
Mercers Fernery Rd.	Glenwood Rd. to SR 15A	1221			County	Yes	1.45	2	35	E+W	UA NSSRC2 2W 2L U 0L	n/c	2,340	2,380	830	910	860	980	950	1,010	920	-	E	13,640	-	-	1,020	
Mercers Fernery Rd.	SR 15A to US 17	1223			County	Yes	1.25	2	35	E+W	UA NSSRC2 2W 2L U 0L	n/c	1,470	1,530	1,170	1,350	1,370	1,580	1,520	1,470	1,420	-	E	13,640	-	-	1,020	
Midway Ave.	Williamson Blvd. to US 92	1230			County	Yes	2.00	4	40	E+W	UA NSSRC1 2W 4L D WL	Minor Collector - Urban	2,840	3,210	3,310	2,420	2,530	2,380	2,440	2,630	2,450	3,280	E	37,970	0.09	C	3,410	
Minnesota Ave. (DeLand)	Grand Ave. to SR 15A	1245			County	Yes	1.35	2	35	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	1,860	1,950	2,230	2,670	2,670	2,650	2,850	2,800	3,440	3,340	E	13,640	0.24	C	1,020	
Minnesota Ave. (DeLand)	SR 15A to US 17/92	1247			County	Yes	1.25	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	1,840	1,990	1,110	1,240	1,090	1,100	900	970	1,220	-	E	13,640	-	-	1,020	
Minnesota Ave. (DeLand)	Amelia Ave. to Hill Ave	1249			County	Yes	0.75	2	30	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	1,690	1,850	1,970	2,280	2,170	2,300	2,110	2,060	2,080	-	E	13,640	-	-	1,020	
Minnesota Ave. (DeLand)	Hill Ave. to Blue Lake Ave.	1250			County	Yes	0.50	2	30	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	2,070	2,230	2,630	2,840	2,680	2,770	2,650	2,520	2,680	-	E	13,640	-	-	1,020	
Minnesota Ave. (DeLand)	Blue Lake Ave. to Kepler Rd.	1251			County	Yes	0.85	2	40	E+W	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	3,370	3,550	4,270	4,500	3,530	4,530	4,170	4,000	3,390	4,420	E	13,640	0.32	C	1,230	
Minnesota Ave. (Orange City)	Sparkman Ave. to US 17/92	1241			County	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U 0L	n/c	2,040	2,280	2,090	1,860	1,810	1,930	1,950	2,090	2,150	-	E	13,640	-	-	1,020	
Minnesota Ave. (Orange City)	US 17/92 to Leavitt Ave.	1242			County	No	0.50	2	25	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	1,520	1,700	1,500	1,400	1,470	1,360	1,390	1,410	1,380	-	E	13,640	-	-	1,020	
Minnesota Ave. (Orange City)	Leavitt Ave. to SR 472	1243			County	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	1,320	1,430	1,430	1,340	1,430	1,170	1,180	1,230	1,240	-	E	13,640	-	-	1,020	
New Hampshire Ave.	SR 15A to Adelle Ave	1270			County	No	0.15	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	2,550	2,610	2,080	2,110	2,210	2,280	2,260	2,470	2,720	-	E	13,640	-	-	1,020	
New Hampshire Ave.	Adelle Ave. to Clara Ave.	1271			County	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	3,050	3,200	2,550	2,540	2,480	2,630	2,780	2,760	3,070	-	E	13,640	-	-	1,020	
New Hampshire Ave.	Clara Ave. to US 17/92	1272			County	No	0.25	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	3,200	3,390	2,580	2,640	2,640	2,790	2,850	2,830	3,180	-	E	13,640	-	-	1,020	
Newmark Dr. (DEL)	Ft Smith Blvd. to Humphrey Blvd.	DLT-100.000			City	No	1.60	2	35	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	-	8,066	7,061	-	-	-	-	-	8,060	6,900	6,900	D	10,660	0.65	D	960
Newmark Dr. (DEL)	Humphrey Blvd. to Howland Blvd	DLT-100.020			City	No	0.90	2	35	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	-	7,046	6,452	-	-	-	-	-	6,370	7,160	7,160	D	10,660	0.67	D	960
Newmark Dr. (DEL)	Howland Blvd. to Courtland Blvd.	DLT-100.040			City	No	0.75	2	35	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	-	6,875	1,434	-	-	-	-	-	1,110	1,340	1,340	D	10,660	0.13	C	960
New York Ave. (Orange City)	Westside Pkwy/Hamilton Ave. to Sparkm	1281			County	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	4,340	4,730	4,490	3,750	3,850	4,230	3,880	3,990	4,190	-	E	13,640	-	-	1,020	
New York Ave. (Orange City)	Sparkman Ave. to Carpenter Ave	1283			County	No	0.30	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	5,160	5,700	5,350	4,560	4,770	5,230	4,990	4,850	4,860	-	E	13,640	-	-	1,020	
New York Ave. (Orange City)	Carpenter Ave. to US 17/92	1284			County	No	0.25	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	6,320	6,500	6,030	5,300	5,580	6,090	5,640	5,770	6,010	6,270	E	13,640	0.46	D	1,020	
New York Ave. (Lake Helen)	Summit Ave. to Lakeview Dr.	1285			County	No	0.50	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	1,100	1,160	910	850	920	900	970	890	900	1,010	C	13,640	0.07	C	470	
Normandy Blvd. (DEL)	Graves (old Howland) to Rhode Island A	DLT-105.000			City	No	1.25	2	45	N+S	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	-	6,786	4,411	-	-	-	-	7,100	8,140	8,140	D	12,740	0.64	C	1,150	
Normandy Blvd. (DEL)	Rhode Island Ave. to Elkcam Blvd.	DLT-105.000			City	No	0.50	2	30	N+S	UA NSSRC2 2W 4L D WL	Major Collector - Urban	-	6,439	4,893	-	-	-	-	6,890	7,520	7,520	D	29,160	0.26	C	2,630	
Normandy Blvd. (DEL)	Elkcam Blvd. to Saxon Blvd	DLT-105.030			City	No	1.00	4	35	N+S	UA NSSRC2 2W 4L D WL	Major Collector - Urban	-	13,100	10,694	-	-	-	-	7,530	10,850	10,850	D	29,160	0.37	C	2,630	
Normandy Blvd. (DEL)	Saxon Blvd. to Deltona Blvd	DLT-105.050			City	No	0.70	2	35	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	-	12,775	10,996	-	-	-	-	10,230	10,630	10,630	D	10,660	1.00	D	960	
Normandy Blvd. (DEL)	Deltona Blvd. to Tivoli Dr.	DLT-105.070			City	No	1.10	3	30	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	-	12,843	11,929	-	-	-	-	9,560	10,100	10,100	D	10,660	0.95	D	960	
Normandy Blvd. (DEL)	Tivoli Dr. to Providence Blvd	DLT-105.090			City	No	0.90	3	35	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	-	12,069	8,305	-	-	-	-	6,850	7,100	7,100	D	10,660	0.67	D	960	
Normandy Blvd. (DEL)	Providence Blvd. to Saxon Blvd	DLT-105.120			City	No	1.00	2	35	N+S	UA NSSRC2 2W 2L D WL	Major Collector - Urban	-	8,662	8,148	-	-	-	-	7,020	7,310	7,310	D	13,990	0.52	D	1,260	
Normandy Blvd. (DEL)	Saxon Blvd. to Ft Smith Blvd	DLT-105.140			City	No	0.75	2	35	E+W	UA NSSRC2 2W 2L D WL	Major Collector - Urban	-	7,640	11,232	-	-	-	-	10,720	11,270	11,270	D	13,990	0.81	D	1,260	
Ohio Ave. (LH)	Macy Ave. to Lakeview Dr.	1320			County	Yes	0.20	2	30	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	710	790	690	610	710	640	730	680	650	770	C	13,640	0.06	C	470	
Old Dixie Hwy.	I-95 to Old Kings Rd.	1334			County	Yes	0.60	2	45	E+W	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	8,390	8,230	7,720	7,250	7,750	7,480	7,430	7,260	7,190	8,710	E	13,640	0.64	C	1,230	
Old Dixie Hwy.	Old Kings Rd. to Walter Boardman Ln.	1333			County	Yes	0.55	2	45	E+W	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	3,750	3,870	3,300	3,490	3,210	3,080	3,390	2,990	3,410	3,840	E	13,640	0.28	C	1,230	
Old Dixie Hwy.	Walter Boardman Ln. to Pine Tree Dr..	1332			County	Yes	5.10	2	45	N+S	UA NSSRC1 2W 2L U 0L	Major Collector -																

Volusia County 2015 Average Annual Daily Traffic & Historical Counts

Road Name	Limits (From - To)	Count Station Number	2014 SIS Facility	Cycle 10-2 2014 Evacuation Route	Roadway Maintaining Agency	2014 Roadway on County's Thoroughfare	Distance (in miles)	2015 No. of Lanes	Posted Speed	Direction	2015 Facility Type	2010 Federal Functional Classification	2006 AADT	2007 AADT	2008 AADT	2009 AADT	2010 AADT	2011 AADT	2012 AADT	2013 AADT	2014 AADT*	2015 AADT*	2015 Vol. Co. Allowable LOS	DAILY 2015 LOS Capacity	DAILY 2015 V/C Ratio	DAILY 2015 LOS	PEAK 2Way 2015 LOS Capacity
Pioneer Tr.	Turnbull Bay Rd. to Sugar Mill Dr	1467			County	Yes	1.75	2	35	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	3,850	2,950	2,790	2,670	2,840	2,800	2,780	3,040	3,200	3,380	E	13,640	0.25	C	1,020
Pioneer Tr.	Sugar Mill Dr. to Williams Rd.	1471			County	Yes	1.45	2	40	E+W	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	4,200	3,630	3,560	4,360	3,920	4,230	4,280	4,710	4,960	4,970	E	13,640	0.36	C	1,230
Pioneer Tr.	Williams Rd. to Enterprise Ave	1473			County	Yes	1.05	2	40	E+W	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	5,460	5,430	5,320	5,830	5,300	5,240	4,910	5,150	5,570	6,010	E	13,640	0.44	C	1,230
Pioneer Tr.	Enterprise Ave. to Jungle Rd	1474			County	Yes	0.50	2	35	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	8,850	9,410	8,600	8,870	8,380	8,220	7,300	7,280	8,100	8,320	E	13,640	0.61	D	1,020
Pioneer Tr.	Jungle Rd to Canal St.	1475			County	Yes	0.25	2	35	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	2,120	2,080	2,390	2,630	1,910	1,940	2,120	2,420	2,130	2,610	E	13,640	0.19	C	1,020
Wallace Rd.	Canal St to SR 44	1955			County	Yes	0.25	3	35	N+S	UA NSSRC2 2W 2L D WL	Major Collector - Urban	7,610	8,750	8,020	8,260	7,700	7,550	7,540	7,600	7,660	7,350	E	14,740	0.50	D	1,330
Mission Dr.	SR 44 to Old Mission Rd.	1261			County	Yes	0.75	4	40	N+S	UA NSSRC1 2W 4L D WL	Major Collector - Urban	14,920	15,200	14,310	14,190	12,420	14,180	11,730	11,780	11,910	10,510	E	37,970	0.28	C	3,410
Old Mission Rd./Mission Rd.	Old Mission Rd. to Josephine St.	1354			County	Yes	0.75	4	40	N+S	UA NSSRC1 2W 4L D WL	Major Collector - Urban	12,470	13,630	12,250	12,570	12,270	11,920	11,390	11,580	11,730	11,020	E	37,970	0.29	C	3,410
Old Mission Rd.	Josephine St. to Park Ave	1353			County	Yes	1.70	2	35	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	7,430	8,040	7,530	7,250	6,920	7,230	6,280	6,360	6,420	6,820	E	10,220	0.67	D	1,020
Old Mission Rd.	Park Ave. to SR 442	1351			County	Yes	2.00	2	45	N+S	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	4,640	5,480	4,400	4,380	4,190	4,250	3,920	4,030	3,780	3,850	E	13,640	0.28	C	1,230
Plantation Oaks Blvd.	Old Dixie Highway				County	No	1.92	0		E+W	UA NSSRC2 2W 2L U WL	n/c	-	-	-	-	-	-	-	-	-	-	E	14,040	Built NOT Open		
Plaza Dr. (N. Penin.)	John Anderson Dr. to SR A1A	1481			County	No	1.00	2	30	E+W	UA NSSRC2 2W 2L U 0L	n/c	240	200	200	190	280	370	230	370	290	250	E	13,640	0.02	C	1,020
Plymouth Ave.	Grand Ave. to Hazen Rd.	1490			County	Yes	1.00	2	40	E+W	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	1,440	1,710	1,360	1,280	1,150	1,080	1,030	1,020	1,010	-	E	13,640	-	-	1,230
Plymouth Ave.	Hazen Rd. to SR 15A	1491			County	Yes	0.75	2	40	E+W	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	4,860	5,480	5,520	5,790	5,830	5,760	5,120	5,560	5,990	4,640	E	13,640	0.34	C	1,230
Plymouth Ave.	SR 15A to Stone St.	1493			County	Yes	0.50	2	35	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	10,010	10,540	10,180	9,970	10,320	10,050	9,380	9,070	9,200	8,060	E	13,640	0.59	D	1,020
Plymouth Ave.	Stone St. to Clara Ave	1495			County	Yes	0.50	2	35	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	10,590	11,050	10,280	10,780	10,460	10,480	10,040	9,560	9,820	9,510	E	13,640	0.70	D	1,020
Plymouth Ave.	Clara Ave. to US 17/92	1497			County	Yes	0.20	2	35	E+W	UA NSSRC2 2W 2L U WL	Major Collector - Urban	12,210	12,980	12,200	12,340	11,990	12,110	11,460	10,910	11,250	11,910	E	14,040	0.85	D	1,270
Plymouth Ave.	US 17/92 to Amelia Ave	1498			County	Yes	0.20	2	30	E+W	UA NSSRC2 2W 2L U WL	Major Collector - Urban	9,150	9,760	-	-	-	-	-	-	-	10,260	E	14,040	0.73	D	1,270
Plymouth Ave.	Amelia Ave. to Garfield Ave.	1500			County	Yes	0.20	2	30	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	7,040	7,480	7,100	6,960	7,090	6,440	5,850	5,850	5,750	5,070	E	13,640	0.37	C	1,020
Plymouth Ave.	Garfield Ave. to Blue Lake Rd./Jacobs D	1502			County	Yes	0.75	2	30	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	5,900	6,660	6,250	6,170	6,370	5,900	5,270	5,410	5,610	4,200	E	13,640	0.31	C	1,020
Ponce DeLeon Blvd.	CR 3 to US 17	1511			County	Yes	0.85	2	35	N+S	UA NSSRC2 2W 2L U 0L	n/c	3,440	3,880	2,590	2,890	2,400	2,500	2,260	2,350	1,510	-	E	13,640	-	-	1,020
Prevatt Ave.	SR 44 to Lake Pearl Dr.	1523			County	Yes	1.80	2	55	N+S	UA NSSRC1 2W 2L U WL	Minor Arterial - Urban	3,930	4,310	3,610	4,960	4,130	4,630	4,230	4,470	4,200	4,570	E	17,050	0.27	C	1,540
Prevatt Ave.	Lake Pearl Dr. to Kicklighter Rd	1520			County	Yes	1.50	2	40	N+S	UA NSSRC1 2W 2L U WL	Minor Arterial - Urban	4,360	4,670	3,940	5,020	4,500	4,800	4,390	4,570	3,910	-	E	17,050	-	-	1,360
Providence Blvd.	Howland Blvd. to Elkcam Blvd.	1542			County	Yes	1.70	2	35	N+S	UA NSSRC2 2W 2L U WL	Minor Arterial - Urban	12,930	14,270	12,870	12,200	10,940	11,990	10,790	11,290	11,040	9,110	E	14,040	0.65	D	1,270
Providence Blvd.	Elkcam Blvd. to Ft Smith Blvd.	1541			County	Yes	0.80	2	35	N+S	UA NSSRC2 2W 2L U 0L	Minor Arterial - Urban	16,210	17,880	15,820	15,160	13,630	14,680	13,460	13,070	-	13,420	E	13,640	0.98	E	1,020
Providence Blvd.	Ft Smith Blvd. to Tivoli Dr.	1539			County	Yes	0.05	4	35	N+S	UA NSSRC2 2W 4L D WL	Minor Arterial - Urban	21,480	24,150	20,380	20,830	19,250	17,390	17,390	17,020	17,370	17,470	E	30,420	0.57	D	2,740
Providence Blvd.	Tivoli Dr. to Saxon Blvd.	1538			County	Yes	0.80	2	35	N+S	UA NSSRC2 2W 2L D WL	Minor Arterial - Urban	11,030	12,210	9,400	9,950	8,670	9,600	9,000	8,510	8,340	7,170	E	14,740	0.49	D	1,330
Providence Blvd.	Saxon Blvd. to Normandy Blvd	1535			County	Yes	0.70	2	35	N+S	UA NSSRC2 2W 2L U WL	Minor Arterial - Urban	11,080	12,320	9,490	9,080	8,930	9,860	9,310	8,900	8,990	8,050	E	13,640	0.59	D	1,020
Providence Blvd.	Normandy Blvd. to Anderson Dr.	1534			County	Yes	0.80	2	35	N+S	UA NSSRC2 2W 2L U 0L	Minor Arterial - Urban	15,310	17,090	13,440	14,460	12,950	14,410	13,510	13,150	12,900	11,650	E	13,640	0.85	E	1,020
Providence Blvd.	Anderson Dr. to Doyle Rd.	1530			County	Yes	0.55	2	35	N+S	UA NSSRC2 2W 2L U 0L	Minor Arterial - Urban	13,250	14,630	11,680	11,670	10,900	12,270	12,020	11,780	11,720	12,240	E	13,640	0.90	E	1,020
Raulerson Rd. # 1	US 17 to Brownlee Rd.	1550			County	No	1.20	2	35	E+W	RUA UFH 2W 2L U 0L	n/c	310	330	300	310	310	250	250	280	330	290	C	6,300	0.05	B	590
Raulerson Rd.	US 17 to Bunnell Rd./CR 305	1552			County	No	1.70	2	30	E+W	RUA UFH 2W 2L U 0L	n/c	470	500	350	320	380	250	300	300	400	330	C	6,300	0.05	B	590
Reed Canal Rd.	Clyde Morris Blvd. to SR5A/Nova Rd.	1561			County	Yes	0.80	2	35	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	7,640	8,070	6,100	5,850	5,890	5,810	6,040	5,870	6,050	5,400	E	13,640	0.40	D	1,020
Reed Canal Rd.	SR5A/Nova Rd. to Saults St.	1562			County	Yes	0.65	2	35	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	11,230	11,690	11,110	10,200	9,960	9,490	9,600	8,960	9,100	8,680	E	13,640	0.64	D	1,020
Reed Canal Rd.	Saults St. to US 1	1564			County	Yes	0.90	2	35	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	10,460	10,860	8,780	9,280	8,850	8,570	8,080	8,000	8,130	7,570	E	13,640	0.55	D	1,020
Reed Ellis Rd.	Enterprise-Osteen Rd. to SR 415	1571			County	Yes	2.10	2	45	E+W	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	1,660	1,450	1,470	1,510	1,470	1,510	1,510	1,640	1,630	1,860	E	13,640	0.14	C	1,230
Retta St.	Grand Ave. to US 17	1580			County	Yes	0.15	2	30	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	860	880	860	890	840	750	730	770	740	-	E	13,640	-	-	1,020
Reynolds Rd.	US 17 to SR 11	1590			County	Yes	4.40	2	35	E+W	RUA UFH 2W 2L U 0L	Minor Collector - Urban/Rural	1,420	1,320	1,360	1,450	1,410	1,160	1,250	1,240	1,360	-	E	6,300	-	-	2,030
Rhode Island Ave.	Westside Connector to Sparkman Ave	1598			County	Yes	0.45	2	35	E+W	UA NSSRC2 2W 2L D WL	Minor Collector - Urban	-	-	-	-	4,520	5,360	5,140	5,780	6,630	2,810	E	14,740	0.19	C	1,330
Rhode Island Ave.	Sparkman Ave to Carpenter Ave	1599			County	Yes	0.25	2	35	E+W	UA NSSRC2 2W 2L D WL	Minor Collector - Urban	-	-	-	-	6,360	7,000	6,480	6,890	6,720	3,630	E	14,740	0.25	C	1,330
Rhode Island Ave.	Carpenter Ave to US 17/92	1600			County	Yes	0.25	2	35	E+W	UA NSSRC2 2W 2L D WL	Minor Collector - Urban	-	-	-	-	6,540	7,080	6,280	6,350	7,240	3,870	E	14,740	0.26	C	1,330
Rhode Island Ave. (OC)	US 17/92 to Veteran's Memorial Pkwy.	1601			City	Yes	2.80	2	40	E+W	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	8,240	9,010	8,040	7,060	7,280	8,990	8,790	8,650	8,270	-	E	13,640	-	-	1,230
Rhode Island Ave.	Veteran's Memorial Pkwy. to Normandy				County	Yes	1.80	0		E+W	UA NSSRC1 2W 2L U 0L	n/c	-	-	-	-	-	-	-	-	-	-	E	13,640	-	-	-
Riley Pridgeon Rd.	Peterson Rd. to SR 40	1610			County																						

Volusia County 2015 Average Annual Daily Traffic & Historical Counts

Road Name	Limits (From - To)	Count Station Number	2014 SIS Facility	Cycle 10-2 2014 Evacuation Route	Roadway Maintaining Agency	2014 Roadway on County's Thoroughfare	Distance (in miles)	2015 No. of Lanes	Posted Speed	Direction	2015 Facility Type	2010 Federal Functional Classification	2006 AADT	2007 AADT	2008 AADT	2009 AADT	2010 AADT	2011 AADT	2012 AADT	2013 AADT	2014 AADT*	2015 AADT*	2015 Vol. Co. Allowable LOS	DAILY 2015 LOS Capacity	DAILY 2015 V/C Ratio	DAILY 2015 LOS	PEAK 2Way 2015 LOS Capacity	
Stone St.	Mercers Fernery Rd. to CR 92/ISB	1773			County	Yes	0.70	2	35	N+S	UA NSSRC2 2W 2L U 0L	n/c	730	780	580	610	610	540	530	500	490	-	E	13,640	-	-	1,020	
Stone St.	CR 92 to Plymouth Ave.	1770			County	Yes	0.80	2	35	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	6,370	6,650	6,190	5,690	6,210	5,540	5,270	5,240	5,200	4,210	E	13,640	0.31	C	1,020	
Sugar Mill Dr.	Pioneer Tr. to SR 44	1781			County	Yes	1.30	2	45	N+S	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	3,130	2,760	2,370	2,520	2,450	2,370	2,450	2,760	2,980	2,830	E	13,640	0.21	C	1,230	
Summit Ave.	SR 44 to Main St.	1791			County	Yes	2.20	2	50	N+S	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	2,980	3,180	4,690	4,660	5,630	5,280	4,780	4,430	4,090	4,180	E	13,640	0.31	C	1,230	
Surfside Dr.	John Anderson Dr. to SR A1A	1801			County	No	0.35	2	30	E+W	UA NSSRC2 2W 2L U 0L	n/c	340	370	370	330	450	350	340	300	370	350	E	13,640	0.03	C	1,020	
Taylor Rd. (CO)	Tomoka Farms Rd. to Spruce Creek Blvd	1810		Yes	County	Yes	0.70	2	45	E+W	UA NSSRC1 2W 2L U WL	Principal Arterial - Other - Urban	8,670	8,520	7,460	5,800	7,510	7,170	6,890	7,110	7,400	8,910	E	17,050	0.52	C	1,540	
Taylor Rd. (CO)	Spruce Creek Blvd. to Crane Lake Blvd.	1811		Yes	County	Yes	1.10	2	50	E+W	UA NSSRC1 2W 2L U WL	Principal Arterial - Other - Urban	12,770	12,460	10,860	10,700	10,610	9,790	9,660	9,570	10,400	11,440	E	17,050	0.67	C	1,540	
Taylor Rd. (CO)	Crane Lake Blvd. to Summertree Rd.	1812		Yes	County	Yes	0.75	2	50	E+W	UA NSSRC1 2W 2L U WL	Principal Arterial - Other - Urban	19,390	18,660	16,670	13,880	14,280	14,570	14,300	14,010	14,200	15,370	E	17,050	0.90	D	1,540	
Taylor Rd. (CO)	Summertree Rd. to Williamson Blvd.	1813		Yes	County	Yes	0.20	4	45	E+W	UA NSSRC1 2W 4L D WL	Principal Arterial - Other - Urban	20,960	20,330	-	16,340	14,630	15,190	14,600	13,700	14,530	15,560	E	37,970	0.41	C	3,410	
Taylor Rd. (CO)	Williamson Blvd. to I-95 (at Dunlawton A	1814		Yes	County	Yes	0.15	5	45	E+W	UA NSSRC1 2W 5L D WL	Principal Arterial - Other - Urban	38,740	37,180	33,230	33,660	36,960	36,170	38,000	35,490	38,160	40,210	E	47,560	0.85	C	4,280	
Taylor Rd. (PO)	Dunlawton Ave. to Clyde Morris Blvd.	1823			County	Yes	0.55	2	35	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	14,300	12,910	13,480	12,880	12,860	12,980	12,840	12,270	12,110	12,170	E	13,640	0.89	E	1,020	
Taylor Rd. (PO)	Clyde Morris Blvd. to Hensel Rd	1824			County	Yes	0.50	4	45	E+W	UA NSSRC1 2W 4L D WL	Major Collector - Urban	21,810	19,460	19,670	19,620	18,590	19,530	19,350	18,280	18,470	18,220	E	37,970	0.48	C	3,410	
Taylor Rd. (PO)	Hensel Rd. Spruce Creek Rd.	1826			County	Yes	1.00	4	45	E+W	UA NSSRC1 2W 4L D WL	Major Collector - Urban	18,110	14,980	16,620	15,720	15,270	15,600	15,050	14,330	14,610	12,610	E	37,970	0.33	C	3,410	
Taylor Rd. (DL)	US 17/92 to Stratford Dr.	1816			County	Yes	0.80	2	35	E+W	UA NSSRC2 2W 2L U 0L	Minor Arterial - Urban	5,500	5,680	6,590	6,240	5,820	5,740	6,090	5,690	5,610	4,950	E	13,640	0.36	C	1,020	
Taylor Rd. (DL)	Stratford Dr. to Blue Lake Ave.	1818			County	Yes	0.95	2	50	E+W	UA NSSRC1 2W 2L U 0L	Minor Arterial - Urban	4,130	4,280	5,490	5,180	4,710	4,750	5,070	4,780	4,900	4,730	E	17,050	0.28	C	1,540	
Taylor Rd. (DL)	Blue Lake Ave. to Martin Luther King Bl	1819			County	Yes	0.80	2	50	E+W	UA NSSRC1 2W 2L U 0L	Minor Arterial - Urban	3,960	4,120	5,180	4,790	4,590	4,730	4,960	4,810	5,090	5,080	E	13,640	0.37	C	1,230	
Taylor Rd. (NSB)	Glencoe Rd. to Mission Rd	1821			County	No	0.75	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	1,450	1,590	1,550	1,340	1,480	1,550	1,500	1,590	1,680	1,870	E	13,640	0.14	C	1,020	
Tivoli Dr. (DEL)	Normandy Blvd. to Saxon Blvd.	DLT-125.000			City	No	0.60	2	30	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	-	4,095	3,614	-	-	-	-	-	4,620	4,620	D	11,880	0.39	C	960	
Tivoli Dr. (DEL)	Saxon Blvd. to Providence Blvd	DLT-125.020			City	No	0.85	2	30	N+S	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	-	12,272	13,736	-	-	-	-	-	11,070	12,360	12,360	D	10,660	1.16	E	960
Tomoka Farms Rd.	LPGA Blvd. (north end) to Dunn Ave.	1849			County	Yes	1.90	2	40	N+S	UA UFH 2W 2L U 0L	Major Collector - Urban	4,090	3,630	3,700	3,390	3,810	3,770	4,000	-	4,660	4,970	E	24,975	0.20	B	2,240	
Tomoka Farms Rd.	Dunn Ave. to US 92	1848			County	Yes	1.90	2	40	N+S	UA UFH 2W 2L U 0L	Major Collector - Urban	1,890	2,470	2,660	3,080	3,350	3,550	4,380	5,070	5,800	5,510	E	24,975	0.22	B	2,240	
Tomoka Farms Rd.	US 92 to Shunz Rd.	1847			County	Yes	3.02	2	40	N+S	UA UFH 2W 2L U 0L	Minor Arterial - Urban	6,740	6,560	7,200	6,110	5,920	5,300	5,780	6,030	5,810	7,300	E	24,975	0.29	C	2,240	
Tomoka Farms Rd.	Shunz Rd. to Townwest Blvd	1845			County	Yes	1.50	2	50	N+S	UA UFH 2W 2L U 0L	Minor Arterial - Urban	6,160	4,960	5,470	4,910	5,470	5,870	5,780	6,210	6,270	7,040	E	24,975	0.28	C	2,240	
Tomoka Farms Rd.	Townwest Blvd to Taylor Rd.	1844			County	Yes	1.45	2	50	N+S	UA UFH 2W 2L U 0L	Minor Arterial - Urban	6,800	5,030	6,550	5,500	5,970	5,780	5,720	6,190	7,280	E	24,975	0.29	C	2,240		
Tomoka Farms Rd.	Taylor Rd. to Pioneer Tr	1843		Yes	County	Yes	2.80	2	50	N+S	UA UFH 2W 2L U 0L	Minor Arterial - Urban	8,650	9,050	9,590	7,910	9,180	9,330	8,810	9,790	9,950	10,310	E	24,975	0.41	C	2,240	
Tomoka Farms Rd.	Pioneer Tr to SR 44	1840		Yes	County	Yes	2.20	2	50	N+S	RDA UFH 2W 2L U 0L	Minor Arterial - Rural	5,550	5,260	6,740	5,000	4,700	4,510	5,110	5,260	5,420	6,260	C	12,300	0.51	B	1,150	
Town West Blvd. (PO)	Tomoka Farms Rd. to Williamson Blvd.	1850			City	No	1.59	2	40	E+W	UA NSSRC1 2W 2L D WL	Minor Collector - Urban	-	-	-	14,200	3,240	3,570	3,920	4,370	4,720	5,170	E	17,900	0.29	C	1,620	
Tumbull Bay Rd.	Pioneer Tr. to Williams Rd.	1863			County	Yes	2.90	2	45	N+S	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban/Rural	3,130	3,290	3,020	3,210	3,340	2,950	2,900	2,860	3,080	3,140	E	13,640	0.23	C	1,230	
Tumbull Bay Rd.	Williams Rd. to Industrial Park Ave.	1865			County	Yes	1.20	2	45	N+S	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban	3,640	4,030	3,810	3,140	3,350	3,080	3,100	3,140	3,050	3,140	E	13,640	0.23	C	1,230	
Tumbull Bay Rd.	Industrial Park Ave. to US 1	1867			County	Yes	0.85	2	30	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	4,550	4,790	4,560	4,510	4,720	4,090	3,890	3,910	3,890	3,970	E	13,640	0.29	C	1,020	
Tymber Creek Rd.	Broadway Ave./US 1 to Airport Rd	1883			County	Yes	4.20	2	40	N+S	UA NSSRC1 2W 2L U 0L	n/c	2,090	2,350	1,450	1,580	1,820	1,750	1,780	1,860	1,950	E	13,640	0.14	C	1,230		
Tymber Creek Rd.	Airport Rd. to Tymber Run	1882			County	Yes	0.90	2	40	N+S	UA NSSRC1 2W 2L U 0L	Major Collector - Urban	8,980	9,930	7,290	8,440	8,240	8,000	8,280	7,870	6,920	8,390	E	17,050	0.49	C	1,540	
Tymber Creek Rd.	Tymber Run to SR 40	1881			County	Yes	0.50	4	40	N+S	UA NSSRC1 2W 4L D WL	Major Collector - Urban	13,990	15,090	13,020	13,470	12,320	12,880	13,400	12,670	11,610	13,150	E	17,050	0.77	C	1,540	
Tymber Creek Rd.	SR 40 to Riverbend Rd.	1880			County	Yes	0.45	2	30	N+S	UA NSSRC2 2W 2L U 0L	n/c	840	930	820	670	740	770	680	740	750	760	E	13,640	0.06	C	1,020	
Van Ave. (DBS)	Peninsula Dr. to SR A1A	1890			County	No	0.20	2	25	E+W	UA NSSRC2 2W 2L U 0L	n/c	580	700	660	500	420	630	630	550	600	-	E	13,640	-	-	-	
Volco Rd.	Cow Creek Rd. to Beacon Light Rd.	1920			County	Yes	2.50	2	30	N+S	RUA UFH 2W 2L U 0L	n/c	260	230	240	150	220	270	220	230	240	280	C	6,300	0.04	B	590	
Volco Rd.	Beacon Light Rd. to 35th St.	1921			County	Yes	1.40	2	45	N+S	UA NSSRC1 2W 2L U 0L	Minor Collector - Urban/Rural	370	330	390	410	400	460	420	480	460	530	E	13,640	0.04	C	1,230	
Volco Rd.	35th St. to US 1	1922			County	Yes	0.50	2	35	E+W	UA NSSRC2 2W 2L U 0L	Minor Collector - Urban	1,640	1,470	1,410	1,820	1,420	1,860	1,840	1,930	1,800	1,920	E	13,640	0.14	C	1,020	
Voorhis Ave.	US 17/92 to Amelia Ave.	1931			County	Yes	0.20	2	30	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	5,000	5,300	4,130	4,030	3,780	3,940	3,670	3,560	3,730	-	E	13,640	-	-	1,020	
Voorhis Ave.	Amelia Ave. to Hill Ave.	1933			County	Yes	1.00	2	30	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	3,430	3,860	3,240	3,260	3,000	3,060	3,000	2,780	3,270	-	E	13,640	-	-	1,020	
Voorhis Ave.	Hill Ave. to Blue Lake Ave.	1934			County	Yes	0.50	2	35	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	3,200	3,760	3,100	3,130	2,960	3,030	3,070	2,790	3,370	-	E	13,640	-	-	1,020	
Voorhis Ave.	Blue Lake Ave. to SR 44	1935			County	Yes	0.50	2	35	E+W	UA NSSRC2 2W 2L U 0L	Major Collector - Urban	3,420	3,770	3,200	3,500	3,130	3,340	3,280	3,110	3,190	3,600	E	13,640	0.26	C	1,020	
Walter Boardman Ln.	Old Dixie Hwy. to Highbridge Rd.	1960			County	Yes	1.20	2	30	E+W	RDA UFH 2W 2L U 0L	Major Collector - Rural	2,740	2,830	2,590	2,920	2,											

**Volusia County 2015 Average Annual Daily Traffic & Historical Counts**

Road Name	Limits (From - To)	Count Station Number	2014 SIS Facility	Cycle 10-2 2014 Evacuation Route	Roadway Maintaining Agency	2014 Roadway on County's Thoroughfare	Distance (in miles)	2015 No. of Lanes	Posted Speed	Direction	2015 Facility Type	2010 Federal Functional Classification	2006 AADT	2007 AADT	2008 AADT	2009 AADT	2010 AADT	2011 AADT	2012 AADT	2013 AADT	2014 AADT*	2,015 AADT*	2015 Vol. Co. Allowable LOS	DAILY 2015 LOS Capacity	DAILY 2015 V/C Ratio	DAILY 2015 LOS	PEAK 2Way 2015 LOS Capacity
Wilmette Ave. (OB)	SR 5A/Nova Rd to US 1	2021			City	No	1.80	2	35	E+W	UA_NSSRC2_2W_2L_U_WL	Minor Collector - Urban	8,660	8,180	8,690	6,730	8,330	8,010	9,620	-	-	-	E	14,040	-	-	-
Woodward Ave.	SR 44 to Euclid Ave.	2030			County	No	0.50	2	30	N+S	UA_NSSRC2_2W_2L_U_OL	Minor Collector - Urban	1,050	1,140	710	670	720	770	750	740	810	780	E	13,640	0.06	C	1,020
Woodward Ave.	Euclid Ave. to Beresford Ave.	2031			County	No	0.50	2	30	N+S	UA_NSSRC2_2W_2L_U_OL	Minor Collector - Urban	990	1,100	720	740	750	830	800	740	830	630	E	13,640	0.05	C	1,020
Yorktown Blvd. (PO)	Willow Run to Hidden Lake Dr.				City	Yes	0.50	0	25	N+S	UA_NSSRC2_2W_2L_U_WL	n/c	-	-	-	-	-	-	-	-	-	-	-	14,040	-	-	-
Yorktown Blvd. (PO)	Hidden Lake Dr. to SR 421/Dunlawton A	PO2701			City	Yes	1.00	2	40	N+S	UA_NSSRC1_2W_2L_U_WL	n/c	7,100	7,970	7,380	7,640	7,250	6,920	6,780	-	10,280	-	E	17,060	-	-	1,540

**Area Types**  
 UA = Urbanized Areas  
 RDA = Rural Developed Areas  
 RUA = Rural Undeveloped Areas

**Facility Types - Urban/Transitioning**  
 FWIS = Freeways - Interchange Spacing Group 1 (spacing >= 2 miles apart)  
 FW = Freeways - Transitioning & Rural  
 UFH = Uninterrupted Flow Highways  
 SSAC1 = State Signalized Arterial Class 1  
 SSAC2 = State Signalized Arterial Class 2  
 NSSRC1 = Non-State Signalized Road Class 1  
 NSSRC2 = Non-State Signalized Road Class 2

**Facility Types - Rural Developed**  
 FW = Freeways - Transitioning & Rural  
 UFH = Uninterrupted Flow Highways  
 IFH = Interrupted Flow Highways

**Facility Types - Rural Undeveloped**  
 FW = Freeways - Transitioning & Rural  
 UFH = Uninterrupted Flow Highways  
 ISIS = Isolated Signalized Intersections

**One-Way/Two-Way**  
 1W = One-way Directional Volumes  
 2W = Two-way Directional Volumes

**Number of Lanes**  
 2L, 4L, 5L, etc. = Number of Roadway Lanes

**Divided/Undivided**  
 D = Divided  
 U = Undivided

**Left Turn Bays**  
 WL = Left Turn Bays  
 OL = No Left Turn Bays

Florida DOT	Centerline Miles
SIS Rds =	146
non-SIS Rds =	221
All State Rds =	367
<b>County</b>	
TFare Rds =	373
<b>Total</b>	<b>740</b>

**Daily VMT**

Florida DOT	2006	2007	2008	2009	2010	2011	2012	2013	2014	2,015
SIS Rds =	5,403,051	5,335,606	5,155,047	5,196,090	5,253,250	5,118,011	5,126,566	5,145,738	5,277,331	5,544,493
non-SIS Rds =	3,948,797	3,910,567	3,778,636	3,662,290	3,589,875	3,504,308	3,422,516	3,531,452	3,575,190	3,811,817
All State Rds =	9,351,848	9,246,173	8,933,683	8,848,380	8,843,125	8,622,319	8,549,082	8,677,190	8,852,521	9,356,310
<b>County</b>										
TFare Rds =	2,590,190	2,680,853	2,404,822	2,308,038	2,312,459	2,288,611	2,308,050	2,245,890	2,281,472	2,393,202
<b>TOTAL</b>	<b>11,942,038</b>	<b>11,927,026</b>	<b>11,338,505</b>	<b>11,156,418</b>	<b>11,155,584</b>	<b>10,910,930</b>	<b>10,857,132</b>	<b>10,923,080</b>	<b>11,133,993</b>	<b>11,749,512</b>

**% of Daily VMT**

Florida DOT	2006	2007	2008	2009	2010	2011	2012	2013	2014	2,015
SIS Rds =	45%	45%	45%	46%	47%	47%	47%	47%	47%	47%
non-SIS Rds =	33%	33%	33%	33%	32%	32%	32%	32%	32%	32%
All State Rds =	78%	78%	79%	79%	79%	79%	79%	79%	80%	80%
<b>County</b>										
TFare Rds =	22%	22%	21%	21%	21%	21%	21%	21%	20%	20%

**1-Year Change in Daily VMT**

Florida DOT	2006	2007	2008	2009	2010	2011	2012	2013	2014	2,015
1-Yr SIS % Chg =	3.00%	-1.25%	-3.38%	0.60%	1.30%	-2.57%	0.17%	0.37%	2.56%	5.06%
1-Yr non-SIS % Chg =	1.02%	-0.97%	-3.37%	-3.08%	-1.98%	-2.38%	-2.33%	3.18%	1.24%	6.62%
1 Yr All SR % Chg =	2.15%	-1.13%	-3.38%	-0.95%	-0.06%	-2.50%	-0.85%	1.50%	2.02%	5.69%
<b>County</b>										
1-Yr Tfare % Chg =	1.01%	3.50%	-10.30%	-4.02%	0.19%	-1.03%	0.85%	-2.69%	1.58%	4.90%
1-Yr All Significant Roads % Chg =	<b>1.90%</b>	<b>-0.13%</b>	<b>-4.93%</b>	<b>-1.61%</b>	<b>-0.01%</b>	<b>-2.19%</b>	<b>-0.49%</b>	<b>0.61%</b>	<b>1.93%</b>	<b>5.53%</b>

**3-Year Change in Daily VMT**

Florida DOT	2006	2007	2008	2009	2010	2011	2012	2013	2014	2,015
3-Yr SIS % Chg =					-1.54%	-0.72%	-1.15%	-2.05%	3.11%	7.75%
3-Yr non-SIS % Chg =					-8.20%	-7.26%	-6.55%	-1.63%	2.02%	7.94%
3-Yr All SR % Chg =					-4.36%	-3.49%	-3.38%	-1.88%	2.67%	7.83%
<b>County</b>										
3-Yr Tfare % Chg =					-13.74%	-4.83%	0.00%	-2.88%	-0.31%	6.56%
3-Yr All Significant Roads % Chg =					<b>-6.47%</b>	<b>-3.77%</b>	<b>-2.68%</b>	<b>-2.08%</b>	<b>2.04%</b>	<b>7.57%</b>

\* 2014 AADT's for City of Deltona Port Orange are 2015 AADT's

# APPENDIX F

## 2015 Deltona Traffic Counts

YEAR 2015 CITY OF DELTONA TRAFFIC COUNT REPORT

Station ID	Roadway	Segment Limits	Count Station Number	Distance (In miles)	2015 No. of Lanes	Speed Limit	2015 Facility Type	2008 AADT	2013 AADT	2015 AADT	2015 City of Deltona Allowable LOS	2015 LOS Daily Capacity	2015 Daily V/C Ratio	2015 Daily LOS	2015 PM Peak Two Way Traffic	2015 PM Peak Two Way Capacity	2015 PM Peak Two Way Available Trips	2015 PM Peak Two Way Hour V/C Ratio	2015 PM Peak Two Way LOS
50	Anderson Dr.	Cloverleaf Blvd. to Providence Blvd.	85	1.00	2	35	UA_MCCRAC2_2W_2L_U_0L	-	-	3,034	D	12,740	0.24	C	260	960	700	0.27	C
51	Austin Ave.	Howland Blvd. to Lake Helen-Osteen Rd.	NA	0.31	2	30	UA_MCCRAC2_2W_2L_U_0L	-	-	1,491	D	12,740	0.12	C	125	960	835	0.13	C
52	Austin Ave.	Lake Helen-Osteen Rd. to Kimberly Dr.	NA	0.26	2	30	UA_MCCRAC2_2W_2L_U_0L	-	-	2,786	D	12,740	0.22	C	235	960	725	0.24	C
53	Bavon Dr.	Ft. Smith Blvd to Providence Blvd.	NA	0.76	2	30	UA_MCCRAC2_2W_2L_U_0L	-	-	280	D	12,740	0.02	C	31	960	929	0.03	C
45	Catalina Blvd.	Wolf Pack Rn. To Eustace Blvd.	NA	0.61	2	35	UA_MCCRAC2_2W_2L_U_0L	3,161	-	3,062	D	12,740	0.24	C	266	960	694	0.28	C
44	Catalina Blvd.	Eustace Blvd. to Howland Blvd	NA	0.62	2	35	UA_MCCRAC2_2W_2L_U_0L	3,161	-	2,815	D	12,740	0.22	C	263	960	697	0.27	C
43	Catalina Blvd.	Howland Blvd. to Sixma Rd.	DLT-20.020	0.50	2	35	UA_MCCRAC2_2W_2L_U_0L	12,089	11,698	12,590	E	13,640	0.92	D	1,010	1,020	10	0.99	E
42	Catalina Blvd.	Sixma Rd. to Lake Helen-Osteen Rd.	DLT-20.030	0.40	2	35	UA_MCCRAC2_2W_2L_U_0L	10,733	9,776	10,634	E	13,640	0.78	C	863	1,020	157	0.85	D
49	Cloverleaf Blvd.	Deltona Blvd. to Anderson Dr.	NA	1.17	2	30	UA_MCCRAC2_2W_2L_U_0L	-	-	2,519	D	12,740	0.20	C	211	960	749	0.22	C
26	Courtland Blvd.	Beckwith St. to Haulover Blvd.	DLT-30.010	1.00	2	40	UA_MCCRAC1_2W_2L_U_0L	3,681	2,008	2,595	E	13,640	0.19	C	214	1,230	1,016	0.17	C
27	Courtland Blvd.	Haulover Blvd. to Elkcam Blvd.	DLT-30.030	1.50	2	40	UA_MCCRAC1_2W_2L_U_0L	5,068	4,565	4,616	E	13,640	0.34	C	437	1,230	793	0.36	C
28	Courtland Blvd.	Elkcam Blvd. to Puerto Rico Dr.	DLT-30.040	0.75	2	35	UA_MCCRAC2_2W_2L_U_0L	1,899	1,159	1,494	E	13,640	0.11	C	137	1,020	883	0.13	C
29	Courtland Blvd.	Wavcrest St. to Newmark Dr.	DLT-30.050	0.25	2	35	UA_MCCRAC2_2W_2L_U_0L	1,870	1,283	1,438	E	13,640	0.11	C	132	1,020	888	0.13	C
30	Courtland Blvd.	Newmark Dr. to Howland Blvd.	DLT-30.070	1.00	2	35	UA_MCCRAC2_2W_2L_U_0L	3,575	2,399	2,631	E	13,640	0.19	C	228	1,020	792	0.22	C
31	Courtland Blvd.	Howland Blvd. to India Blvd.	DLT-30.090	1.20	2	35	UA_MCCRAC2_2W_2L_U_0L	7,764	6,467	6,690	E	13,640	0.49	C	616	1,020	404	0.60	D
32	Courtland Blvd.	India Blvd. to Ft Smith Blvd.	DLT-30.100	0.70	2	35	UA_MCCRAC2_2W_2L_U_0L	8,397	7,997	8,550	E	13,640	0.63	C	751	1,020	269	0.74	D
33	Courtland Blvd.	Ft Smith Blvd. to Doyle Rd.	DLT-30.130	1.80	2	40	UA_MCCRAC1_2W_2L_U_0L	6,241	6,079	6,565	E	13,640	0.48	C	589	1,230	641	0.48	C
34	Courtland Blvd.	Doyle Rd. to Enterprise-Osteen Rd.	DLT-30.140	0.90	2	30	UA_MCCRAC2_2W_2L_U_0L	1,609	1,600	1,764	E	13,640	0.13	C	160	1,020	860	0.16	C
1	Deltona Blvd.	Normandy Blvd. to Cloverleaf Blvd.	DLT-35.000	1.25	4	35	UA_MCCRAC2_2W_4L_D_WL	14,966	11,421	11,511	E	30,420	0.38	C	984	2,740	1,756	0.36	C
2	Deltona Blvd.	Cloverleaf Blvd. to Enterprise Rd.	DLT-35.030	0.50	4	35	UA_MCCRAC2_2W_4L_D_WL	15,546	14,268	14,992	E	30,420	0.49	D	1,209	2,740	1,531	0.44	D
3	Deltona Blvd.	Enterprise Rd. to DeBary Ave.	DLT-35.040	0.85	2	35	UA_MCCRAC2_2W_2L_D_WL	13,780	9,321	9,669	E	14,740	0.66	D	833	1,330	497	0.63	D
19	Elkcam Blvd.	Normandy Blvd. to Ft. Smith Blvd.	DLT-45.000	1.50	2	35	UA_MCCRAC2_2W_2L_U_0L	5,142	7,500	7,848	E	13,640	0.58	C	635	1,020	385	0.62	D
20	Elkcam Blvd.	Ft. Smith Blvd. to Providence Blvd.	DLT-45.010	1.00	2	35	UA_MCCRAC2_2W_2L_U_0L	4,805	6,125	6,282	E	13,640	0.46	C	498	1,020	522	0.49	D
21	Elkcam Blvd.	Providence Blvd. to Montecito Ave.	DLT-45.020	1.05	2	35	UA_MCCRAC2_2W_2L_U_0L	11,772	10,082	10,169	E	13,640	0.75	C	800	1,020	220	0.78	D
22	Elkcam Blvd.	Montecito Ave. to Howland Blvd.	DLT-45.040	1.00	2	35	UA_MCCRAC2_2W_2L_U_0L	10,554	9,926	10,234	E	13,640	0.75	C	815	1,020	205	0.80	D
23	Elkcam Blvd.	Howland Blvd. to Lake Helen-Osteen Rd.	DLT-45.050	0.15	2	35	UA_MCCRAC2_2W_2L_D_WL	13,766	10,533	10,748	E	14,740	0.73	D	925	1,330	405	0.70	D
24	Elkcam Blvd.	Lake Helen-Osteen Rd. to Courtland Blvd.	DLT-45.060	0.70	2	35	UA_MCCRAC2_2W_2L_U_0L	8,571	6,899	7,194	E	13,640	0.53	C	613	1,020	407	0.60	D
25	Elkcam Blvd.	Courtland Blvd. to Riverhead Dr.	DLT-45.080	0.50	2	30	UA_MCCRAC2_2W_2L_U_0L	943	484	505	E	13,640	0.04	C	55	1,020	965	0.05	C
40	Eustace Ave.	Catalina Blvd. to Roseboro Dr.	DLT-55.010	0.40	2	30	UA_MCCRAC2_2W_2L_U_0L	4,199	2,486	2,574	D	12,740	0.20	C	294	960	666	0.31	C
41	Eustace Ave.	Roseboro Dr. to Providence Blvd.	DLT-55.010	0.45	2	30	UA_MCCRAC2_2W_2L_U_0L	4,199	3,484	3,774	D	12,740	0.30	C	347	960	613	0.36	C
46	Finland Dr.	Sullivan St. to Saxon Blvd.	NA	0.57	2	30	UA_MCCRAC2_2W_2L_U_0L	-	-	3,262	D	12,740	0.26	C	267	960	693	0.28	C
47	Finland Dr.	Saxon Blvd. to Haversham Rd.	NA	0.30	2	30	UA_MCCRAC2_2W_2L_U_0L	-	-	1,740	D	12,740	0.14	C	165	960	795	0.17	C

YEAR 2015 CITY OF DELTONA TRAFFIC COUNT REPORT

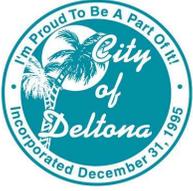
Station ID	Roadway	Segment Limits	Count Station Number	Distance (In miles)	2015 No. of Lanes	Speed Limit	2015 Facility Type	2008 AADT	2013 AADT	2015 AADT	2015 City of Deltona Allowable LOS	2015 LOS Daily Capacity	2015 Daily V/C Ratio	2015 Daily LOS	2015 PM Peak Two Way Traffic	2015 PM Peak Two Way Capacity	2015 PM Peak Two Way Available Trips	2015 PM Peak Two Way Hour V/C Ratio	2015 PM Peak Two Way LOS
12	Fort Smith Blvd.	Elkcam Blvd. to Providence Blvd.	DLT-60.000	1.00	2	30	UA_MCCRAC2_2W_2L_U_0L	3,280	2,251	3,138	E	13,640	0.23	C	309	1,020	711	0.30	C
13	Fort Smith Blvd.	Providence Blvd. to Newmark Dr.	DLT-60.020	0.50	2	35	UA_MCCRAC2_2W_2L_U_0L	13,876	10,502	11,257	E	13,640	0.83	C	967	1,020	53	0.95	E
14	Fort Smith Blvd.	Newmark Dr. to Normandy Blvd.	DLT-60.030	0.85	2	35	UA_MCCRAC2_2W_2L_D_WL	7,010	8,609	8,162	E	14,740	0.55	D	678	1,330	652	0.51	D
15	Fort Smith Blvd.	Normandy Blvd. to India Blvd.	DLT-60.050	0.55	2	35	UA_MCCRAC2_2W_2L_D_WL	13,768	11,570	11,988	E	14,740	0.81	D	998	1,330	332	0.75	D
16	Fort Smith Blvd.	India Blvd. to Courtland Blvd.	DLT-60.070	2.25	2	35	UA_MCCRAC2_2W_2L_D_WL	7,592	6,262	6,610	E	14,740	0.45	C	553	1,330	777	0.42	C
17	Fort Smith Blvd.	Courtland Blvd. to Howland Blvd.	DLT-60.100	0.75	2	35	UA_MCCRAC2_2W_2L_D_WL	8,497	8,461	9,411	E	14,740	0.64	D	768	1,330	562	0.58	D
18	Fort Smith Blvd.	Howland Blvd. to SR 415	DLT-60.110	0.55	2	35	UA_MCCRAC2_2W_2L_U_0L	3,108	2,844	3,033	E	13,640	0.22	C	280	1,020	740	0.27	C
48	Humphrey Blvd.	Newmark Dr. to India Blvd.	NA	1.65	2	30	UA_MCCRAC2_2W_2L_U_0L	-	-	1,900	D	12,740	0.15	C	164	960	796	0.17	C
39	India Blvd.	Fort Smith Blvd. to Humphrey Blvd.	DLT-80.000	2.06	2	35	UA_MCCRAC2_2W_2L_U_0L	3,750	3,517	4,116	E	13,640	0.30	C	357	1,020	663	0.35	C
39.5	India Blvd.	Humphrey Blvd. to Courtland Blvd.	NA	0.15	2	35	UA_MCCRAC2_2W_2L_U_0L	3,501	-	4,389	E	13,640	0.32	C	395	1,020	625	0.39	C
38	Newmark Dr.	Ft Smith Blvd. to Humphrey Blvd.	DLT-100.000	1.60	2	35	UA_MCCRAC2_2W_2L_U_0L	7,061	6,063	6,899	E	13,640	0.51	C	623	1,020	397	0.61	D
37	Newmark Dr.	Humphrey Blvd. to Howland Blvd.	DLT-100.020	0.90	2	35	UA_MCCRAC2_2W_2L_U_0L	6,452	6,372	7,163	E	13,640	0.53	C	635	1,020	385	0.62	D
36	Newmark Dr.	Howland Blvd. to Courtland Blvd.	DLT-100.040	0.75	2	30	UA_MCCRAC2_2W_2L_U_0L	1,434	1,108	1,342	E	13,640	0.10	C	128	1,020	892	0.13	C
4	Normandy Blvd.	Graves Ave. to Rhode Island Ave.	DLT-105.000	1.25	2	45	UA_MCCRAC1_2W_2L_U_0L	4,411	7,095	8,138	E	13,640	0.60	C	777	1,230	453	0.63	C
5	Normandy Blvd.	Rhode Island Ave. to Elkcam Blvd.	DLT-105.000	0.50	4	30	UA_MCCRAC2_2W_4L_D_WL	4,893	6,891	7,516	E	30,420	0.25	C	709	2,740	2,031	0.26	C
6	Normandy Blvd.	Elkcam Blvd. to Saxon Blvd.	DLT-105.030	1.00	4	35	UA_MCCRAC2_2W_4L_D_WL	10,694	7,532	10,849	E	30,420	0.36	C	1,025	2,740	1,715	0.37	C
7	Normandy Blvd.	Saxon Blvd. to Deltona Blvd.	DLT-105.050	0.70	2	35	UA_MCCRAC2_2W_2L_U_0L	10,996	10,231	10,634	E	13,640	0.78	C	836	1,020	184	0.82	D
8	Normandy Blvd.	Deltona Blvd. to Tivoli Dr.	DLT-105.070	1.10	3	30	UA_MCCRAC2_2W_2L_U_0L	11,929	9,560	10,105	E	13,640	0.74	C	866	1,020	154	0.85	D
9	Normandy Blvd.	Tivoli Dr. to Providence Blvd.	DLT-105.090	0.90	3	35	UA_MCCRAC2_2W_2L_U_0L	8,305	6,846	7,103	E	13,640	0.52	C	585	1,020	435	0.57	D
10	Normandy Blvd.	Providence Blvd. to Saxon Blvd.	DLT-105.120	1.00	2	35	UA_MCCRAC2_2W_2L_D_WL	8,148	7,016	7,313	E	14,740	0.50	D	577	1,330	753	0.43	C
11	Normandy Blvd.	Saxon Blvd. to Ft Smith Blvd.	DLT-105.140	0.75	2	35	UA_MCCRAC2_2W_2L_U_0L	11,232	10,715	11,271	E	13,640	0.83	C	983	1,020	37	0.96	E
35.5	Tivoli Dr.	Normandy Blvd. to Saxon Blvd.	NA	0.79	2	30	UA_MCCRAC2_2W_2L_U_0L	3,614	-	4,616	D	12,740	0.36	C	398	960	562	0.41	C
35	Tivoli Dr.	Saxon Blvd. to Providence Blvd.	DLT-125.020	0.85	2	30	UA_MCCRAC2_2W_2L_U_0L	13,736	11,058	12,359	D	12,740	0.97	D	963	960	-3	1.00	E

# APPENDIX G

## Deltona Wastewater Treatment Plant Daily Flows

Deltona Lakes Wastewater Flows FY16

DATE	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16
1	0.871	0.875	0.753	0.718	0.791	0.696	0.748	0.628	0.653	0.613	0.497	0.602
2	0.763	0.778	0.785	0.750	0.899	0.773	0.836	0.727	0.640	0.646	0.529	0.584
3	0.856	0.844	0.678	0.859	0.908	0.845	0.962	0.835	0.597	0.660	0.554	0.600
4	0.928	0.775	0.706	0.852	1.089	0.762	0.840	0.676	0.604	0.643	0.628	0.597
5	0.872	0.802	0.749	0.730	0.930	0.832	0.816	0.581	0.707	0.507	0.554	0.657
6	0.882	0.725	0.839	0.738	0.953	0.895	0.858	0.548	0.551	0.533	0.588	0.523
7	0.837	0.809	0.72	0.812	1.025	0.827	0.783	0.584	0.608	0.548	0.645	0.565
8	0.885	0.856	0.81	0.771	0.991	0.886	0.776	0.624	0.678	0.538	0.514	0.567
9	0.765	0.817	0.809	0.812	0.938	0.898	0.821	0.596	0.642	0.581	0.548	0.523
10	0.837	0.781	0.826	0.824	0.760	0.784	0.793	0.578	0.625	0.600	0.605	0.570
11	0.885	0.907	0.77	0.757	0.880	0.842	0.821	0.595	0.634	0.521	0.617	0.654
12	0.835	0.730	0.774	0.786	0.932	0.852	0.869	0.571	0.653	0.542	0.575	0.630
13	0.903	0.779	0.859	0.799	0.767	0.877	0.809	0.571	0.619	0.542	0.596	0.605
14	0.874	0.847	0.758	0.822	0.800	0.840	0.847	0.603	0.587	0.505	0.680	0.670
15	0.841	0.850	0.747	0.871	0.929	0.751	0.800	0.657	0.556	0.500	0.533	0.663
16	0.741	0.822	0.835	0.837	0.880	0.767	0.870	0.555	0.671	0.546	0.541	0.693
17	0.791	0.738	0.748	0.874	0.849	0.796	0.918	0.682	0.621	0.588	0.580	0.724
18	0.863	0.736	0.763	0.829	0.798	0.736	0.835	0.608	0.707	0.490	0.625	0.760
19	0.902	0.831	0.718	0.777	0.783	0.822	0.886	0.620	0.859	0.503	0.593	0.581
20	0.773	0.709	0.792	0.818	0.845	0.879	0.869	0.592	0.431	0.516	0.603	0.660
21	0.771	0.905	0.74	0.777	0.948	0.696	0.755	0.592	0.634	0.558	0.635	0.635
22	0.762	0.871	0.826	0.810	0.770	0.684	0.682	0.659	0.588	0.560	0.562	0.622
23	0.736	0.795	0.736	0.766	0.775	0.855	0.728	0.628	0.601	0.580	0.624	0.596
24	0.769	0.844	0.796	0.918	0.821	0.616	0.900	0.578	0.625	0.602	0.649	0.625
25	0.856	0.807	0.71	0.808	0.808	0.847	0.860	0.586	0.623	0.503	0.588	0.700
26	0.990	0.901	0.791	0.807	0.752	1.054	0.776	0.615	0.636	0.522	0.564	0.595
27	0.847	0.781	0.805	1.047	0.694	1.091	0.769	0.561	0.520	0.497	0.584	0.560
28	0.847	0.774	0.786	0.985	0.889	0.893	0.754	0.594	0.593	0.498	0.672	0.604
29	0.829	0.853	0.754	0.942	0.806	0.835	0.770	0.580	0.487	0.595	0.516	0.581
30	0.741	0.873	0.808	0.836		0.888	0.622	0.696	0.719	0.629	0.563	0.471
31	0.811		0.637	0.925		0.923		0.611		0.620	0.580	
TOTAL	25.863	24.415	23.828	25.657	25.010	25.742	24.373	19.131	18.669	17.286	18.142	18.417
MAX DAY	0.990	0.907	0.859	1.047	1.089	1.091	0.962	0.835	0.859	0.660	0.680	0.760
AVG DAY	0.834	0.814	0.769	0.828	0.862	0.830	0.812	0.617	0.622	0.558	0.585	0.614
Permitted	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400
Capacity %	59.6%	58.1%	54.9%	59.1%	61.6%	59.3%	58.0%	44.1%	44.5%	39.8%	41.8%	43.9%



## Agenda Memo

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**AGENDA ITEM:** A.

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 11 - A

**SUBJECT:**

Request for City of Deltona funds.

**LOCATION:**

N/A

**BACKGROUND:**

The Commission discussed at several meetings the \$35,000 discretionary fund which could be provided to non-profit organizations that applied for them. The Commission directed staff to come up with an application and guidelines for this funding which has been done.

Attached is a request from the FUTURES Foundation/Take Stock in Children (TSIC) in the amount of \$2,500.00 to assist in a Florida Prepaid College Scholarship for a student residing within the City of Deltona who is entering the 9<sup>th</sup> Grade.

**COST:**

\$2,500.00

**SOURCE OF FUNDS:**

General Fund

**ORIGINATING DEPARTMENT:**

City Manager's Department - Office of Economic Development

**STAFF RECOMMENDATION PRESENTED BY:**

Jerry Mayes, Economic Development Manager - That the Commission determine whether or not to provide City funds in the amount of \$2,500 to the FUTURES Foundation/Take Stock in Children (TSIC) to assist in a Florida Prepaid College Scholarship.

**POTENTIAL MOTION:**

"I move to approve or deny the request for City funds to the FUTURES Foundation/Take Stock in Children (TSIC) in the amount of \$\_\_\_\_\_."

## REQUEST FOR CITY OF DELTONA FUNDS

AMOUNT OF FUNDS BEING REQUESTED:

\$2,500.00

1. Requestor's Name: FUTURES Foundation/Take Stock in Children (TSIC)
2. Type of Organization: 501(c)(3)Direct Support Organization
3. Contact Person: Shimene Shepard-Ryan
4. Telephone number: 386-255-6475 ext. 50724
5. Email address: sashepar@volusia.k12.fl.us
6. Business office address: 3750 OLSON DR. DAYTONA BEACH, FL 32124
7. Public service activity: Education
8. Reason for request of funds: To purchase a Florida Prepaid College Scholarship for a student residing within the city of Deltona who is entering the 9<sup>th</sup> Grade.
9. Have you received City funds for this program/project in past years? Yes - (CDBG (not 2016-2017))
10. Description of program/project: TSIC is a statewide program that provides deserving at risk, low-income youth the opportunity to escape poverty through education. TSIC scholars are paired with a mentor through high school and receive a college scholarship at graduation.
11. Please describe how residents will directly be benefitted/communicated about the program/project being offered: FUTURES' TSIC scholars are selected from all Volusia County Public Schools, including Deltona High School and Pine Ridge High School. Currently in our program we have 11 Deltona/Pine Ridge scholars. The cost of a college education continues to escalate, causing it to be out of reach for many qualified high school graduates, particularly those in low-income brackets. FUTURES' TSIC provides students a mentor beginning in the 9<sup>th</sup> Grade, college readiness workshops, and a four year college tuition scholarship upon successful completion of our program and graduation. With this method, TSIC has proven results. Statewide TSIC scholars have a 96% high school graduation rate and a 59% college graduation rate, both above the Florida average. In addition, there is a public benefit of \$300,000 over a student's lifetime. These funds will be used to select a student from Deltona.



AUTHORIZED SIGNATURE

COMMISSION APPROVAL:

YES

NO

## CITY OF DELTONA REQUEST FOR CITY NON-PROFIT FUNDING

On October 1, 2016, the City of Deltona (City) approved \$35,000 in funding from the General Fund for FY 2016-2017 for public service agencies and organizations. Requests are now being accepted from social service agencies or other public service organizations that are registered not-for-profit entities through 501c3 or similar capacity. Documentation will be requested as verification that City residents are directly served through this source of City funding.

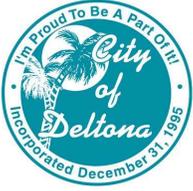
The requests for funding will be submitted to the Deltona City Commission for their decision for the funding request. Unless otherwise determined by the City Commission, funding awarded to any one (1) agency or organization will be no less than \$500 and no more than \$2,500; and is limited to one (1) payment per agency or organization per City fiscal year.

### REQUEST PROCESS AND AWARD OF FUNDS

- All requests must be submitted to the City's Manager's office.
- All requests shall be completed in-full, as verified by the City, and be signed by an authorized agent for the organization. Any incomplete or unsigned application received by the City will not be considered this fiscal year.
- All requests with original signatures may be mailed, hand-delivered, emailed, or faxed.
- No more than one funding request per agency or organization per fiscal year.
- Grant awards will be no less than \$500 and no more than \$2,500 for any one agency or organization per fiscal year.
- **All requests will be approved or denied at the discretion of the City Commission. The guiding criterion for funding will be based on how City of Deltona residents will directly be benefitted from the funds.**

Requests to be submitted to:

CITY OF DELTONA  
CITY MANAGER'S OFFICE  
2345 PROVIDENCE BOULEVARD  
DELTONA, FLORIDA 32725



## Agenda Memo

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**AGENDA ITEM: B.**

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**TO:** Mayor and Commission

**AGENDA DATE:** 1/17/2017

**FROM:** Jane K. Shang, City Manager

**AGENDA ITEM:** 11 - B

**SUBJECT:**

Authorization to utilize Volusia County's Cooperative Purchasing Professional Services Agreement for Disaster Cost Recovery and Related Grant & Project Management.

**LOCATION:**

N/A

**BACKGROUND:**

Volusia County has awarded a Cooperative Agreement to Thompson Consulting Services, LLC. The City of Deltona can utilize this agreement for Thompson Consulting, LLC to provide professional services to assist with data gathering, record keeping, damage assessment and other grant management tasks associated with federally declared disaster events at the hourly rates provided. The City of Deltona will be reimbursed most of the direct cost for these tasks from FEMA as part of the public assistance. There is a quote of costs attached.

**COST:**

\$35,856

**SOURCE OF FUNDS:**

General Fund

**ORIGINATING DEPARTMENT:**

Finance

**STAFF RECOMMENDATION PRESENTED BY:**

Robert Clinger, Finance Director - Staff recommends approval to utilize Volusia County's Cooperative Agreement with Thompson Consulting Services, LLC to provide professional services to assist with data gathering, record keeping, damage assessment and other grant management tasks associated with federally declared disaster events.

**POTENTIAL MOTION:**

"I move to approve utilizing Volusia County's Cooperative Agreement with Thompson Consulting Services, LLC to provide professional services to assist with data gathering, record keeping, damage assessment and other grant management tasks associated with federally declared disaster events."

## Cooperative Purchasing Professional Services Agreement General Terms and Conditions

This Cooperative Purchasing Professional Services Agreement ("Agreement") is dated October 11, 2016 by and between **Thompson Consulting Services, LLC** (hereinafter referenced as "Consultant"), with offices at 1135 Townpark Avenue, Suite 2101, Lake Mary, FL 32746 and the **City of Orange City, Florida** (hereinafter referenced as "Client" or "End User"), a political subdivision of the State of Florida, with an address of 205 East Graves Avenue, Orange City, Florida 32720;

Whereas, Consultant has entered into an agreement for Recovery and Related Grant Project Management (Request for Statement of Qualifications 11-SQ-114BB) effective as of June 7, 2012 with Volusia County, Florida (hereinafter referred to as "County Contract" **Exhibit A**);

Whereas, Client desires to be an End User under the County Contract;

Whereas, both parties hereby agree to be bound to the terms and conditions of the County Contract;

Now therefore, in consideration of the mutual covenants to be performed by the parties pursuant to this Agreement, each party hereby represents, warrants, and agrees as follows:

### 1. TERM & APPLICABILITY

The term of this Agreement shall commence on the date executed by the last of the parties hereto, and shall expire on the same date set forth in the County Contract. The term of this Agreement shall not be dependent upon any renewals of the County Contract, and the Client may elect to exercise or not exercise the renewal options set forth in the County Contract independent of whether the owner of County Contract exercises renewal options under the County Contract. This Agreement shall apply to all work performed at the request of the Client or for the benefit of the Client during the term hereof (the "Work") unless both parties agree in writing that the terms and conditions hereof shall not apply.

### 2. SCOPE OF WORK

Consultant shall perform such Work as the Client may direct from time to time during the term hereof and in accordance with **Attachment "A"** attached hereto.

### 3. STANDARD OF CARE

Consultant will perform services under this Agreement with the degree of skill and diligence normally practiced by professional consultants performing the same or similar services. No other warranty or guarantee, expressed or implied, is made with respect to the services furnished under this Agreement and all implied warranties are disclaimed.

### 4. CHANGES/AMENDMENTS

This Agreement and its exhibits constitute the entire agreement between the Parties and together with its exhibits supersede any prior written or oral agreements. This Agreement may not be changed except by written amendment signed by both Parties.

### 5. FEE FOR SERVICES

The fee for the services under this Agreement will be based on the actual hours of services furnished multiplied by Consultant's Billing Rates as set forth in Attachment "B" attached hereto. Consultant's rates are subject to annual Consumer Price Index (CPI) escalations on the annual anniversary of the execution date of the Agreement upon mutual written agreement by each party.

### 6. PAYMENT

Client shall pay Consultant for services furnished under this Agreement upon submission of monthly invoices a total amount Not-to-Exceed NINE THOUSAND Dollars and 00/100 (\$9,000.00). Client shall pay Consultant within thirty (30) days of receipt of invoices less any disputed amounts. If Client disputes any portion of the invoice, the undisputed portion will be paid and Consultant will be notified in writing, within ten (10) days of receipt of the invoice of the exceptions taken. Consultant and Client will attempt to resolve the payment dispute within sixty (60) days or the matter may be submitted to arbitration as provided herein. Additional charges for interest shall become due and payable at a rate of one and one-half percent (1-1/2%) per month (or the maximum percentage allowed by law) on the unpaid, undisputed invoiced amounts. Any interest charges due from Client on past due invoices are outside any amounts otherwise due under this Agreement. If Client fails to pay undisputed invoiced amounts within sixty (60) days after delivery of invoice, Consultant, at its sole discretion, may suspend services hereunder or may initiate collections proceedings, without incurring any liability or waiving any right established hereunder or by law.

### 7. WORK PRODUCT

Client shall have the unrestricted right to use the documents, analyses and other data prepared by Consultant under this Agreement ("Work Products"); provided, however Client shall not rely on or use the Work Products for any purpose other than the purposes under this Agreement and the Work Products shall not be changed without the prior written approval of Consultant. If Client releases the Work Products to a third party without Consultant's prior written consent, or changes or uses the Work Products other than as intended hereunder, (a) Client does so at its sole risk and discretion, (b) Consultant shall not be liable for any claims or damages resulting from the change or use or connected with the release or any third party's use of the Work Products and (c) Client shall indemnify, defend and hold Consultant harmless from any and all claims or damages related to the release, change or reuse.

### 8. INFORMATION PROVIDED BY OTHERS

Client shall provide to Consultant in a timely manner any information Consultant indicates is needed to perform the services hereunder. Consultant may rely on the accuracy of information provided by Client and its representatives.

### 9. SAFETY AND SECURITY

Consultant has established and maintains programs and procedures for the safety of its employees. Unless specifically included as a service to be provided under this Agreement, Consultant specifically disclaims any authority or responsibility for job site safety (including, but not limited to, any supervision of operations of others, training, audit or observation of safety programs of others) and safety of persons other than Consultant's employees. Client acknowledges that



## Cooperative Purchasing Professional Services Agreement General Terms and Conditions

Consultant has no responsibility under this Agreement related to site security or the assessment, evaluation, review, testing, maintenance, operation or safety practices or procedures related to security or safety.

### 10. TERMINATION

Either party may terminate this Agreement upon thirty (30) days prior written notice to the other party. Client shall pay Consultant for all services rendered to the date of termination plus reasonable expenses for winding down the services. If either party defaults in its obligations hereunder, the non-defaulting party, after giving thirty (30) days written notice of its intention to terminate or suspend performance under this Agreement, may, if cure of the default is not commenced and diligently continued, terminate this Agreement or suspend performance under this Agreement. Upon termination, the terms and conditions found in this Agreement concerning ongoing or future obligations and contractual responsibilities and interpretation thereof shall survive its termination.

### 11. ASSIGNMENT

This Agreement is binding upon and will inure to the benefit of Client and Consultant and their respective successors and assigns. Neither party may assign its rights or obligations hereunder without the prior written consent of the other party.

### 12. NOTICES

Any notice required or permitted by this Agreement to be given shall be deemed to have been duly given if in writing and delivered personally or five (5) days after mailing by first-class, registered, or certified mail, return receipt requested, postage prepaid and addressed as follows:

End User:	<u>City of Orange City, Florida</u>
Attention:	<u>Dale Arrington, City Manager</u>
Address:	<u>205 East Graves Avenue</u>
	<u>Orange City, Florida 32763</u>
	<u>(386) 775-5408</u>
Consultant:	<u>Thompson Consulting Services, LLC</u>
Attention:	<u>Nate Counsell, Vice President</u>
Address:	<u>1135 Townpark Avenue</u>
	<u>Suite 2101</u>
	<u>Lake Mary, FL 32746</u>

### 13. MISCELLANEOUS

A. If any provision of this Agreement is invalid or unenforceable, the remainder of this Agreement shall continue in full force and effect and the provision declared invalid or unenforceable shall continue as to other circumstances.

B. This Agreement may be executed in multiple counterparts, each of which shall be deemed to be an original instrument, but all of which taken together shall constitute one instrument.



**Cooperative Purchasing Professional Services Agreement  
General Terms and Conditions**

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized officers or representatives.

**THOMPSON CONSULTING SERVICES, LLC**

**CITY OF ORANGE CITY, FLORIDA**

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: Christine Davis

Title: \_\_\_\_\_

Title: Finance Director

Date \_\_\_\_\_

Date October 11, 2016

Attachment "A" – Scope of Services  
Attachment "B" – TCS Fee Schedule

Please return executed copy of these terms and conditions to the attention of:  
Kyle Hoyle  
(407) 792-0018 – Phone



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CONSULTING SERVICES

**Cooperative Purchasing Professional Services Agreement  
General Terms and Conditions**

**ATTACHMENT "A"  
SCOPE OF SERVICES**

**EXHIBIT A**  
**SCOPE OF WORK**

A general description of the scope of services required includes, but is not limited to, the following:

The Contractor shall provide all services described herein and other services required to coordinate and assist the County with completing emergency and permanent work projects for federally declared disasters. Activities include grant or project worksheet preparation, grants or project management, and accounting for costs in accordance with Federal, State, and local regulations. The Contractor shall supply the necessary personnel with the appropriate qualifications and skill sets to provide the services as delineated below. Services shall be clearly delineated according to the damages caused by each disaster and funding shall be separated to ensure proper accounting for each storm is maintained and all appropriate deadlines and other requirements for grant closure are satisfied. Note, however, the County cannot contract away its duties and obligations as a recipient of Federal and State grant funds. The Contractor shall advise and assist the County with administering these grants as necessary, but the Contractor cannot assume the County's duties and responsibilities as a grant recipient.

- A. Grant and FEMA Project Worksheet Preparation - The Contractor shall prepare grant applications and FEMA Project Worksheets, which include:
1. Accompanying County personnel on site inspections, including preliminary damage assessment activities. Pursuant to 44 CFR §206.202, an authorized local representative is required to ensure that all eligible work has been identified, and that all costs for disaster-related damages have been submitted to FEMA for funding. The Contractor shall assist the County's representative to ensure all eligible work is identified and accurate estimates of damage are submitted to FEMA for funding. The Contractor shall prepare the necessary documents to identify and estimate the cost of the damaged areas in the format required by FEMA and the County.
  2. Pursuant to 44 CFR §206.202, preparing FEMA Small Project Worksheets. The Contractor shall assist the County in preparing any small project worksheets for FEMA Categories A-G. The Contractor shall supply the necessary staff to ensure the project worksheets are completed in accordance with FEMA and County guidelines within the time constraints imposed by FEMA.
  3. Preparing Large Project Worksheets. The Contractor shall assist the County to gather and prepare information required by FEMA to complete large project worksheets and represent the County's interest in dealing with FEMA and the State of Florida. The Contractor shall supply the necessary staff to ensure the project worksheets are completed in accordance with FEMA and County guidelines within the time constraints imposed by FEMA.
  4. Identifying Improved or Alternate Projects. Pursuant to 44 CFR §206.203, the County may use FEMA funding for alternate or improved projects. The

Contractor shall advise the County on the appropriateness of requesting this type of funding from FEMA and shall assist the County in applying for this type of funding.

5. Identifying Cost-effective Mitigation Measures under Stafford Act Section 406. Pursuant to 44 CFR §206.226, cost-effective hazard mitigation measures may be incorporated in the restoration of damaged facilities. The Contractor shall assist the County in identifying hazard mitigation opportunities and shall assist the County with preparing benefit/cost analyses and hazard mitigation funding applications.
6. Identifying/Resolving Other Special Considerations. The Contractor shall assist the County with identifying and resolving special consideration issues such as insurance, floodplain management, environmental issues, and historic preservation issues. The Contractor shall review any insurance settlements for accuracy and shall ensure that the insurance settlement is properly incorporated into the FEMA project worksheet. The Contractor shall work with the County, FEMA, and the State of Florida to ensure compliance with the National Environmental Policy Act (NEPA), the Clean Water Act, the Clean Air Act, the Endangered Species Act, the National Historic Preservation Act, and other federal statutes and executive orders.

B. Grants Management - The Contractor shall assist the County with managing grants. This includes:

1. Monitoring Contractor Performance. The Contractor shall monitor contractor performance to ensure that FEMA mandated work deadlines are completed timely. According to 44 CFR §206.204, emergency work projects must be completed within 18 months of the disaster declaration. The Contractor shall assist the County with ensuring that the above deadlines are met, or shall assist the County with applying for time extensions.
2. Providing Clerical Support to Review and Approve Payment Documentation. The Contractor shall assist the County by supplying clerical support to review, prepare, and approve payment to contractors performing eligible disaster related work to ensure that the documentation meets all Federal, State, and the County's financial and accounting requirements.
3. Payment Requests/Cash Flow. The Contractor shall assist the County with maintenance of financial records, in accordance with County requirements for financial reporting, to ensure prompt reimbursement from FEMA and the State of Florida. The Contractor shall assist in preparing payment requests in acceptable formats to ensure reimbursements from FEMA and the State of Florida are obtained in a timely fashion.
4. Preparing Schedules and Performing Reconciliations. The Contractor shall assist

the County and coordinate with its personnel in preparing the necessary schedules and performing any required reconciliations to ensure that the costs recorded in the County's financial records are correct and auditable by the County's external auditors. The Contractor shall supply the necessary qualified personnel to ensure this is completed in a timely fashion in accordance with the County's audit schedule. In addition, clerical support shall be provided to collect, gather, organize, and enter data into a database that support information presented on schedules and work papers. All schedules and work papers are to be prepared using the Microsoft Office suite products, such as Excel, Word, or Access.

5. Conducting Interim Inspections. The Contractor shall assist the County and coordinate with its personnel in performing interim grant inspections to ensure work is progressing timely and all documentation is being maintained in an orderly manner. The Contractor shall also assist the County with preparing progress reports for FEMA, the State of Florida, and County management.
6. Conducting Final Inspections. The Contractor shall assist the County and coordinate with its personnel in performing final grant inspections to ensure work completion and to document all eligible costs for FEMA reimbursement.
7. Assisting with Grant Closure. The Contractor shall assist the County with final reconciliation of grant funds and shall assist the County with completion of required FEMA and State of Florida documentation for grant closure.
8. Assisting with Audit Defense. The Contractor shall be available to assist the County with the defense of any audits conducted by the FEMA Office of the Inspector General or other auditors (additional fees may be required depending on the amount of time involved).
9. Assisting with Appeals. The Contractor shall be available to assist the County with submitting appeals to FEMA, if necessary (additional fees may be required depending on the amount of time involved).



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**Cooperative Purchasing Professional Services Agreement  
General Terms and Conditions**

**ATTACHMENT "B"**

**FEE SCHEDULE**

EXHIBIT D  
THOMPSON CONSULTING SERVICES  
FEE SCHEDULE

<u>Position</u>	<u>Hourly</u>
Office/Clerical	\$29.00
Field Site Inspector	\$65.00
Grant Management Analyst	\$70.00
Data/Document Manager	\$85.00
Land Surveyor	\$85.00
Grant Management Specialist	\$90.00
Environmental Scientist (Regulatory Support	\$100.00
Grant Management Consultant	\$110.00
Project Engineer	\$115.00
Senior Grant Consultant	\$135.00
Project Manager	\$150.00
Legislative Affairs Consultant	\$165.00

Direct project expenses will be invoiced to the County at cost without mark-up

All travel expenses will be subject to the Volusia County Travel and Training Policy as set forth in the County's web site; <http://www.volusia.org/purchasing/>



CONTRACT

Between

THE COUNTY OF VOLUSIA

AND

THOMPSON CONSULTING SERVICES – TCS, LLC

County of Volusia  
Purchasing and Contracts Division  
123 West Indiana Avenue, Room 302  
DeLand, Florida 32720-4608  
[www.volusia.org/purchasing](http://www.volusia.org/purchasing)

**CONTRACT FOR RECOVERY AND RELATED GRANT PROJECT MANAGEMENT BETWEEN  
THE COUNTY OF VOLUSIA AND THOMPSON CONSULTING SERVICES – TCS, LLC**

This Contract made and entered by and between Thompson Consulting Services – TCS, LLC (“TCS”), duly authorized to conduct business in the State of Florida, whose principal place of business is located at 951 Market Promenade Avenue, Suite 2101, Lake Mary, FL 32746 (hereinafter the “Contractor”) and County of Volusia, a body corporate and politic and a subdivision of the State of Florida, whose address is County of Volusia, 123 West Indiana Avenue, DeLand, Florida 32720 (hereinafter “County”).

**RECITALS:**

Whereas, the County requires a competent and qualified contractor to provide professional services in support of the County's operations; and

Whereas, the County has requested and received expressions of interest for the retention of services of contractors; and

Whereas, the County has determined that the Contractor is fully qualified to render the required service. Among the factors to be considered in making this finding are the capabilities, adequacy of personnel, past record, and experience of the firm or individual; and

Whereas, the County has determined that the Contractor is competent and qualified to furnish said services stated hereunder to the County and Contractor desires to provide professional services according to the terms and conditions hereunder, and

Whereas, it has been determined that the execution of this Contract is beneficial to the County of Volusia, Florida.

NOW, THEREFORE, in consideration of the foregoing recitals, which are incorporated herein by reference, and other specific consideration set forth in this Contract, the receipt and sufficiency of which is acknowledged by the Contractor and County, the parties agree and stipulate as follows:

**1. DEFINITIONS**

- 1.1. **Addendum:** A written explanation, interpretation, change, correction, addition, deletion, or modification of equal dignity herewith affecting the contract documents including drawing and specifications prepared by the Contractor, approved and issued by the County and/or distributed to third parties.
- 1.2. **Agency:** The state, a state agency, a municipality, a political subdivision, a school district, or a school board. The term "agency" does not extend to a nongovernmental developer that contributes public facilities to a political subdivision under Sections 380.06 or 163.3220-163.3243 of the Florida Statutes.
- 1.3. **Amendment:** An amendment to this Contract in writing by the County, approved by the Director of Purchasing and Contracts, and signed by the County of equal dignity herewith authorizing an addition,

deletion, or revision in the scope of work or the time for completion that is issued after execution of this Contract.

- 1.4. **Calendar day:** Any day, including Saturdays, Sundays, and holidays, regardless of weather conditions.
- 1.5. **Change Order:** A written order to the Contractor or Consultant signed by the County authorizing an addition, deletion, or revision in the work, or an adjustment in the contract price or time.
- 1.6. **Compensation:** The amount paid by the County to Contractor for professional services regardless of whether stated as compensation or stated as hourly rates, overhead rates, or other figures or formulas from which compensation can be calculated which includes the total monies payable to the Contractor under this Contract which includes all services, labor, materials, supplies, travel, training, profit, overhead, costs, expenses, and any other costs necessary to complete the Scope of Services/Work.
- 1.7. **Completion Date:** The date that the County or its designated representative approves and accepts all Work or Services for a Scope of Work or this Contract.
- 1.8. **Contract Administrator:** The Director of Purchasing and Contracts or his/her designee responsible for addressing any concerns within this Contract.
- 1.9. **Contract Documents:** Contract documents shall include but are not limited to the following: (1) this Contract, (2) exhibits attached to this Contract, (3) performance and payment bonds (if applicable), (4) letters of credit (if applicable), (5) certificates of insurance, (6) Notice of Award and/or Notice to Proceed, (7) the conditions of this Contract (general, special, supplementary, and other), (8) drawings, (9) project specifications, (10) written interpretations, (11) change orders, (12) project manuals, (13) addenda (including RSQs, RFPs and Contractor's responses to RFPs) issued before the execution of this Contract, and, (14) any valid modifications or amendments to this Contract after its execution of this Contract, and any amendments to the foregoing.
- 1.10. **Contractor:** The person or entity qualified to perform work under the Project and who is registered and licensed under the Florida Department of Business and Professional Regulation and in compliance with local laws or ordinances, other than a materialman or laborer, who enters into a contract with the County for improving real property in accordance with the Contract Documents.
- 1.11. **County:** The County of Volusia, Florida, a political subdivision of the State of Florida for whom the work is to be performed.
- 1.12. **County Data:** Documentation, worksheets, reports or correspondence, whether electronically or in paper format.
- 1.13. **County Representative:** Also known as the person designated by the County to review, approve and make decisions regarding the Scope of Services/Work.
- 1.14. **Deliverable or Deliverables:** Services and related items which Contractor shall provide to the County under this Contract as described in the Scope of Services.

- 1.15. **Documentation:** All paperwork necessary to fulfill FEMA and County requirements.
- 1.16. **Effective Date:** The date that this Contract, or an Addendum, Amendment, Modification is fully executed by Contractor and the County.
- 1.17. **Fees:** The applicable consulting, support and services fees payable pursuant to this Contract, including as set forth in any attachment or compensation summary and the billing schedule in Exhibit D.
- 1.18. **Firm:** Any individual, firm, partnership, corporation, association, or other legal entity permitted by law to practice architecture, engineering, or surveying and mapping in the state.
- 1.19. **Modification:** A written amendment to the Contract Documents approved by the County which includes but is not limited to the following:
  - 1.19.1. **Change Order:** A written order to the Contractor or Contractor signed by the County authorizing an addition, deletion, revision in the Work, or an adjustment in the construction contract price or time issued after execution of the contract.
  - 1.19.2. **Addenda:** A document written by the Contractor and approved by the County that is added to the original Contract Documents to clarify, revise, add to, or delete from the original Contract Documents or previous addenda. The document includes a written clarification or interpretation prepared by the Contractor.
- 1.20. **Notice of Award:** A written notice by County that the Contractor has been determined by a selection committee to be highly qualified and approved for an award of a contract.
- 1.21. **Notice to Proceed:** The official letter from the County to the Contractor establishing a date on which the Work shall commence.
- 1.22. **Original Expiration Date:** The date that this Contract was originally intended to expire excluding any extensions or renewals of this Contract for a time certain.
- 1.23. **Owner:** The owner is Volusia County for whom all Work or Services under this Contract are performed by the Contractor.
- 1.24. **Project:** The purchase of services described in RSQ 11-SQ-114BB which includes the entire Scope of Work or Services in this Contract that shall be performed by the Contractor in accordance with the Contract Documents.
- 1.25. **Project Manager or County Project Manager:** The County employee who is assigned to the Project and is responsible for the day-to-day administration and coordination of the Project for the County. The County may change the Project Manager at any time by providing notice to the Contractor.
- 1.26. **Proposal:** The document submitted by the Contractor in response to a formal solicitation used to determine if the Contractor is highly qualified.

- 1.27. **Request for Statement of Qualifications (RSQ):** An invitation process initiated and used by the County to select contractor(s) or consultant(s) to perform work or provide services in a prospective project(s) based upon their apparent qualifications as submitted by them (respondents) in response to the invitation.
- 1.28. **Scope of Services or Work:** The general services/work, herein defined in this Contract including responsibility for performing and complying with all incidental matters pertaining thereto.
- 1.29. **Services:** The services specified in any Statement(s) of Work, work orders or services, addenda, or otherwise provided by Contractor pursuant to this Contract.
- 1.30. **Specifications:** The document that establishes the material and performance requirements of goods and services.
- 1.31. **State:** State of Florida.
- 1.32. **Statement of Work:** Any statement or work entered into and mutually approved by the parties pursuant to this Contract from time to time.
- 1.33. **Subcontractor:** A person other than a materialman or laborer who enters into a contract with a Contractor for the performance of any part of the basic agreement.
- 1.34. **Sub-subcontractor:** A person other than a materialman or laborer who enters into a contract with a subcontractor for the performance of any part of such subcontractor's contract.
- 1.35. **Work:** Any and all obligations, Services, duties and responsibilities necessary to the successful completion of the Project assigned to or undertaken by Contractor under the Contract Documents, including the furnishing of all labor, materials, equipment and other incident.

## 2. **EXHIBITS, ORDER OF PRECEDENCE, AND AUTHORIZATION**

### 2.1. **Exhibits.**

- 2.1.1. Exhibit A - Scope of Service
- 2.1.2. Exhibit B - RSQ and Addenda
- 2.1.3. Exhibit C - Contractor's Proposal
- 2.1.4. Exhibit D - Contractor's Fee Schedule

### 2.2. **Order of Precedence.**

- 2.2.1. Contractor agrees that, during the term of this Contract, the provisions of this Contract, as amended by Change Orders, shall remain in full force and effect. Wherever ambiguities, discrepancies, or conflicting provisions appear the order of precedence shall be as follows.

- 2.2.1.1. Between this Contract and Exhibits A - D regarding the Scope of Services of Contractor, the provisions of Article 3 – Scope of Work of this Contract and Exhibit A shall be controlling.
- 2.2.1.2. Between this Contract and a Purchase Order issued by the County under this Contract, this Contract shall be controlling for ambiguities, discrepancies, or conflicting provisions.
- 2.2.1.3. Between this Contract and Exhibits A - D regarding payments, and rights and obligations of the parties, this Contract shall be controlling for ambiguities, discrepancies, or conflicting provisions.

### 3. SCOPE OF WORK

3.1. **General Scope of Services.** The following general Scope of Services shall be governed by Section 3.2 of this Contract. Services provided by the Contractor shall be non-exclusive and the County shall be free to engage other persons or entities to provide the identical service during the term of this Contract. The Contractor shall provide services under this Contract in accordance with the Scope of Services set forth in Exhibit A.

3.1.1. **Additional Services.** Additional services may be ordered under this Contract through a Change Order consistent with Section 3.2.5 to this Contract signed by County and Contractor. Contractor shall furnish to County the scope of such service, subject to the terms and conditions of this Contract and any supplemental terms and conditions in the Supplement.

#### 3.2. Performance Criteria:

3.2.1. All Work or Services shall be performed in accordance with the Contract Documents.

3.2.2. All labor necessary to complete the Scope of Services/Work shall be performed in a good and competent workmanlike manner to the satisfaction of the County.

3.2.3. **Delivery, Risk of Loss.** Contractor shall deliver the services to the County Project Manager or designee. Risk of loss with respect to documentation shall pass to County when such documentation is delivered to the designated location.

3.2.4. The Contractor shall provide the services required herein strictly in an independent contractor relationship with the County and, except as expressly set forth herein, is not, nor shall be, construed to be an agent or employee of the County. Nothing herein shall create any association, partnership, joint venture or agency relationship between them. The County shall not provide vehicles or equipment to the Contractor to perform the duties required under this Contract nor will the County pay for any business, travel, office, or training expense or any other contract performance expense not specifically set forth in the scope of services of this Contract. The Contractor is not exclusively bound to the County and may provide service to other private and public entities as long as the service by the Contractor for such entities does not conflict with the Contractor's services to the County under this Contract.

3.2.5. **Change Order**. The County may at any time, by written order, Change Order, make changes within the general scope of work and/or Services to be performed under this Contract. Except as provided in this Contract otherwise, if any such change causes an increase or decrease in the Contractor's cost of, or the time required for performance of Work or Services, an equitable adjustment shall be made and this Contract shall be amended in writing stating the equitable adjustment prior to the commencement of such Work or Services. Any claim by the Contractor for adjustment under this section must be asserted in writing within thirty (30) days from the date of receipt by the Contractor of the notification of change unless the County grants in writing an additional period of time before the completion of the Contract; otherwise, the claim shall be deemed waived and the Contractor shall proceed with the prosecution of the Work or Services as changed. Except as otherwise provided in this Contract, no charge for any extra work shall be allowed or approved by the County.

3.2.5.1. **Changes to Scope of Work**. Either party may propose changes to the scope or time schedule of the Work or Services under this Contract which shall be submitted to the other party in writing for consideration of feasibility and the likely effect on the cost and schedule for performance of the Work or Services. The parties shall mutually agree in writing upon any proposed changes, including resulting equitable adjustments to costs and schedules for the performance of the Work or Services. The agreed changes shall be documented in one (1) or more Amendments or Change Orders to this Contract prior to the Commencement of any Work resulting from the changes. If despite good faith negotiations the parties are unable to agree to the terms of an amendment to this Contract, the parties shall follow the dispute resolution process provided under Article 14 – Dispute Resolution.

3.2.6. **Time is of the Essence**. Time is of the essence for all work performed under this Contract performed in accordance herewith.

3.2.7. For each purpose related to this Contract, Contractor's Subcontractors or Sub-subcontractors shall be independent contractors with respect to the County and nothing herein shall create any association, partnership, joint venture or agency relationship between them.

#### 4. **TERM OF CONTRACT**

4.1. This Contract is effective from the date it is signed by County and Contractor and shall remain in effect for an initial term of three years, with two one-year renewals permissible upon mutual written agreement or pursuant to Article 6 – Termination.

#### 5. **CONTRACT PRICE AND COMPENSATION**

In consideration of the performance of this Contract by the Contractor, the County agrees to pay the Contractor those fees set forth in Exhibit D. Any reimbursement of travel expenses shall be solely subject to the Volusia County Travel and Training Policy as set forth in the County's web site, <http://www.volusia.org/purchasing/>. Regardless of any other provision of this Contract or Contract Documents to the contrary, no other compensation or reimbursement shall be made to the Contractor by the

County under this Contract. Specifically, the "reimbursable cost" schedule proposed by Contractor in Section 4 of Exhibit C is without lawful effect.

5.1.1. **Payments.** Any payments shall be made in accordance with Exhibit D, Contractor's Fee Schedule.

5.1.1.1. **Approval of Payment.** If, on the basis of the County Project Manager's observation and review of Contractor's Work or Services for a Project and, the County Project Manager's satisfaction that the work has been completed and Contractor has fulfilled all of its obligations under the Contract Documents, County Project Manager, after receipt of the Project invoice, shall indicate in writing his or her approval of payment and present the invoice to Accounts Payable for payment. Otherwise, the County Project Manager will return the invoice to the Contractor, indicating in writing the reasons for refusing to approve final payment, in which case the Contractor shall make the necessary corrections and resubmit the invoice. County will not unreasonably withhold its approval and will cooperate with Contractor to expedite payments.

Pursuant to Exhibit D, Contractor shall invoice County for all payments due Contractor under this Contract. County will pay invoices in accordance with this Contract, subject to the Florida Prompt Payment Act (currently Florida Statutes, Section 218.70 through 218.80). Invoices shall be sent to the address specified by the County. Any disputed or undisputed payment which is past due for more than thirty (30) days will bear interest at the rate of one percent (1%) per month (or such lesser amount as may be provided for under the Florida Prompt Payment Act) for each month or portion thereof during which it remains unpaid. Each invoice shall show detailed information shown on Exhibit A.

5.1.1.2. **Invoices.** Invoices or payment requests shall be addressed by Contractor and submitted to the County's Project Manager. The Contractor shall submit a statement or invoice pursuant to Exhibit D for professional services rendered to the date of the statement. The monthly statements shall reflect the Work or Services actually completed at the time of billing.

5.1.2. The Contractor's Invoice(s) shall be accompanied by supporting data as may be required by the County Project Manager. County Project Manager will review the Contractor's Invoice and supporting data and notify the Contractor in writing within twenty (20) days from receipt of the statement if any amounts requested are disputed or lack adequate support or documentation.

5.1.3. The County may withhold payment of any specific invoiced charges in a statement which it disputes in good faith and pay all undisputed charges on the invoice or monthly statement.

5.1.4. **Taxes.** County is a tax exempt entity and shall not be charged or invoiced for the payment of taxes for work or services performed under this Contract.

- 5.1.5. **Contractor's Continuing Obligations.** Contractor's obligation to perform the Work or services in accordance with the Contract Documents shall be absolute. Neither approval of any progress nor final payment to Contractor, nor any payment by County to Contractor under the Contract Documents nor any act of acceptance by the County nor any failure to do so, nor any correction of defective work by County shall constitute an acceptance of Work or Services not in accordance with the Contract Documents.

## 6. **TERMINATION**

- 6.1. This Contract may be terminated by (a) either party upon the material breach by the other party if such breach is not cured within thirty (30) days written notice from the non-breaching party, or (b) by County for convenience upon at least thirty (30) calendar days, prior written notice to Contractor whenever the County shall determine that such termination is in the best interest of the County.
- 6.2. The Contractor may cancel this Contract with one-hundred eighty (180) days written notice to the Director of Purchasing and Contracts. Failure to provide proper notice to the County may result in the Bidder being barred from future business with the County.
- 6.3. After Contractor's receipt of a notice of termination pursuant to Paragraph A above (or to the extent Contractor has not cured a material breach within thirty (30) days notice from County), and except as otherwise directed by the County, the Contractor shall:
- 6.3.1. Stop work under the Contract or applicable statement of work on the date specified in the notice of termination.
  - 6.3.2. Place no further orders or subcontracts for materials, services or facilities.
  - 6.3.3. Terminate all orders and subcontracts to the extent that they relate to the performance of work or Services terminated by the Notice of Termination.
  - 6.3.4. With the approval of the County and to the extent required by the County, settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts. County's approval of such settlements shall be final for all the purposes of Section, Termination.
- 6.4. After receipt of a notice of termination, the Contractor shall submit to the County its termination claim for amounts owed by County (which shall included without limitation all amounts due for work or Services performed through the date of termination), in the form and with a certification as prescribed by the County. Such claim shall be submitted promptly but in no event later than thirty (30) days from the effective date of termination, unless one or more extensions in writing are granted by the County, upon request of the Contractor made in writing within such thirty (30) days period or authorized extension thereof. Upon failure of the Contractor to submit its termination claim within the time allowed, the County may determine on the basis of information available to it, the amount, if any, due to the Contractor by reason of the termination and shall thereupon pay to the Contractor the amount so

determined. In the event County terminates for convenience or non-appropriation, Contractor shall not be obligated to refund to County any prepaid fees.

6.5. Upon being notified of County's election to terminate for default of Contractor, non-appropriation or convenience, Contractor and its Subcontractors shall refrain from performing further work or incurring additional expenses under the terms of this Contract which is not specifically authorized in the Notice of Termination.

6.6. If termination of this Contract occurs for any reason:

6.6.1. For all undisputed outstanding invoices submitted to the County for Work completed or Deliverables delivered prior to the effective date of the termination, the County shall cause payments to be made to Contractor within forty-five (45) days of receipt of invoice. Contractor shall invoice the County for any sums Contractor claims to be owed by County under this Contract for work performed from the last invoice to the effective date of termination. County shall review such invoice for payment within fifteen (15) days of receipt and County shall pay any undisputed amount within forty-five (45), subject to the Article entitled Compensation in the resulting contract. Any disputed amounts on any invoices shall be subject to the dispute resolution process set forth in the Article entitled Dispute Resolution in the resulting contract.

6.7. In the event of termination by the County for non-appropriation, for all items or products ordered by Contractor before receipt by Contractor of the Notice of Termination which Contractor could not cancel without imposition of a fee, the County shall cause payments to be made to Contractor within forty-five (45) days of receipt of an undisputed invoice for all cancellation, restocking or residual fees resulting from the cancellation or return of Third Party Products ordered from or shipped by the vendor thereof prior to the effective date of the termination.

## **7. RESPONSIBILITIES OF CONTRACTOR AND COUNTY**

7.1. Consistent with Article 3 – Scope of Work herein, Contractor's performance of Work or Services shall be in accordance with the terms and conditions of this Contract. The Contractor's performance of Work or Services shall be as a professional contractor to the County to carry out the activities of the Scope of Work or Services under the direction of the County's Project Manager.

7.2. Contractor shall perform Work or Services required under this Contract, including but not limited to reports, studies, schedules, estimates or other documentation pertaining to a Project. Contractor shall confer with the County Project Manager to ascertain the functional criteria of the Scope of Work. The services of the Contractor shall also include the following:

7.2.1. Contractor covenants and agrees to certify in writing to the County that all Deliverables provided by Contractor conform to the Scope of Work or Services in this Contract and applicable governmental regulations, statutes, and ordinances, including any amendments thereto. Said certification shall be in the form acceptable to the County; and, made a part of this Contract and incorporated herein by reference.

- 7.2.2. Contractor covenants and agrees that there are no obligations, commitments, or impediments of any kind that shall limit or prevent Contractor's performance of the Work or Services.
- 7.2.3. The Contractor covenants and agrees that it shall not contract for or accept employment for the performance of any work or service with any individual, business, corporation or government unit that would create a conflict of interest in the performance of its obligations pursuant to this Contract with the County.
- 7.2.4. Contractor covenants and agrees that all of the Work or Services to be furnished by Contractor shall be in accordance with the most current specifications or technology at the time this Contract is fully executed and as of the time Contractor delivers to County the specifications and/or Deliverables. Thereafter, Contractor shall keep the County informed of any changes or advancements in such specifications or technology occurring any time prior to or during actual implementation of the Project.
- 7.2.5. Contractor covenants and agrees as follows:
- 7.2.5.1. That Contractor comprehends the specifications and requirements of the Scope of Work or Services and the use of the same in their entirety to provide Project Deliverables;
- 7.2.5.2. That Contractor possesses the special skills to recognize material errors or omissions that shall make a Deliverable fail to perform within the specifications and requirements of the Scope of Work; and,
- 7.2.5.3. That Contractor shall adhere to the standard of care applicable to a contractor with the degree of skills and diligence normally employed by a licensed professional in his field or practice performing the same or similar services or Work in compliance with all applicable federal, state, and municipal laws, regulations, codes, and ordinances.
- 7.2.6. Contractor covenants and agrees that any Project data, reports, specifications and requirements prepared by Contractor or its agents or subcontractors shall be completed in a competent and workmanlike manner. In addition, Contractor shall include in any such data reports, and/or specifications warnings about known hazards to the Project.
- 7.2.7. Contractor covenants and agrees to the following: (1) the worksheets shall conform to regulations set forth by the Stafford Act, portions of 44CFR Part 206, and portions of 44CFR, Part 13, as required by FEMA; and, (2) the Contractor shall produce Deliverables that meet all requirements of (1) above and conform with all relevant portions of the Scope of Services in a timely and professional manner. Contractor's duties as set forth herein shall at no time be in any way diminished by reason of any approval by County of any plans or specifications nor shall Contractor be released from any liability by reason of such approval by County, it being understood that County at all times is ultimately relying on Contractor's skill, expertise, and knowledge in preparing the worksheets or any other documentation. As such, said approval

shall not be a defense to a claim or cause of action for contribution or indemnification by the County.

- 7.2.8. Contractor covenants and agrees that all persons connected with Contractor directly in charge of the professional work are duly registered and licensed under Florida law and pursuant to this Contract.
  - 7.2.9. Contractor covenants and agrees that it shall be liable for all errors or omissions proximately caused by Contractor, if any, in judgment relative to the Work or Services under which Contractor provides Work or Services.
  - 7.2.10. Contractor covenants and agrees to call to County's attention anything of any nature in any reports, documentation, plans, specifications, requirements or instructions prepared by Contractor or data supplied to Contractor by the County or any other party that Contractor regards in Contractor's professional opinion as unsuitable, improper, or inaccurate in connection with the purposes for which they are furnished in the Project.
  - 7.2.11. Contractor covenants and agrees to furnish efficient business administration of the Project and perform all Work or Services in the most expeditious and economical manner.
  - 7.2.12. Contractor covenants and agrees that it shall, at its own cost, make good any defects in its Work or Services as soon as Contractor becomes aware of such defects or is notified of such defects. Should Contractor refuse or neglect to make good such defects within a reasonable time after receiving notice requesting such remedial work, then County shall be entitled to make good such defective Services at the expense of Contractor or terminate this Contract. This commitment by Contractor is in addition to, and not in substitution for, any other remedy for defective Work or Services that County may have at law or in equity.
  - 7.2.13. Contractor covenants and agrees to provide all necessary and required deliverables for the successful completion of the Project as agreed to in the Scope of Work and as governed by this Contract. Written Deliverables shall be made and delivered in accordance with this Contract.
    - 7.2.13.1. Contractor shall make a final review of Project Deliverables to determine if Work or Services were completed in conformance with the Contract Documents.
    - 7.2.13.2. Contractor shall prepare and submit a schedule or time line of the Project.
- 7.3. **Assurance.** Contractor gives County its assurance that all Work or Services performed under this Contract shall be timely performed in a competent and workmanlike manner and in accordance with the specifications and requirements of the Contract Documents and of any inspections (if applicable), tests (if applicable) or approvals required under the Contract Documents. All Work not conforming to the specifications and requirements of the Scope of Work or of the inspections, tests (if applicable) shall be considered materially defective and constitute a breach of this Contract.

- 7.4. The Contractor shall be responsible for the professional and technical accuracy and the coordination of all data, and any other service furnished by the Contractor under this Contract. The Contractor shall, without additional cost to the County, correct or revise any errors or deficiencies in its Work or Service for which it is responsible.
- 7.5. All Work performed by Contractor including all general provisions, special provisions, job specifications, drawings, addendum, amendments to the basic agreement, written interpretations, and written orders for minor changes in Work, shall comply with the Scope of Work and all applicable local laws, codes, ordinances and statutes and the performance criteria of Section 3.2. Work not covered by Contract Documents shall not be required in the Project unless the County in its sole discretion determines that it is required by reasonable inference as being necessary to produce the intended Deliverable(s).
- 7.6. Pursuant to the Contract Documents, Contractor shall supervise and direct all Work or Services efficiently and with its best skill and in a competent and workmanlike manner. As such, Contractor shall be solely responsible for the means, methods, techniques, sequences and procedures for the design or development of a Deliverable. Further, Contractor shall be responsible for assuring the County that finished Deliverables complies accurately with the Contract Documents and the Scope of Work.
- 7.7. The efforts of the Contractor shall be directed toward providing assurance for the County that all Work completed shall conform to the requirements of the Scope of Work or Services. On the basis of Contractor's observations, skills and experience, Contractor shall keep the County informed of the progress of all Work and shall endeavor to guard the County against defects and deficiencies in the Work. As required, each site visit shall be followed by a report to the County of known deviations from the Contract Documents and the Scope of Work.
- 7.8. **Concerning Subcontractors.**
- 7.8.1. Contractor shall not employ any Subcontractor, or Sub-subcontractor other person or organization of against whom the County may have reasonable objection, nor shall Contractor be required to employ any Subcontractor or Sub-subcontractor against whom it has reasonable objection. Contractor shall not make any substitution for any Subcontractor or Sub-subcontractor who has been accepted by the County without the County's approval.
- 7.8.2. County's disapproval or requirement of removal or replacement of Contractor 's employee or Subcontractor or Sub-subcontractor shall be deemed for lawful reasons if in County's reasonable judgment, such Contractor's employee or Subcontractor or Sub-subcontractor poses a threat or causes harm to the health, welfare, or safety, or morale of the County or its agencies, personnel or property or who fails any drug test administered in connection with this Contract, or who has been convicted of a felony or a misdemeanor involving "moral turpitude".
- 7.8.3. Contractor shall be fully responsible for all negligent acts and omissions of its Subcontractor or Sub-subcontractor and of persons directly or indirectly employed by them and of persons

for whose negligent acts any of them may be liable to the same extent that it is responsible for the negligent acts and omissions of persons directly employed by it. Nothing in the Contract Documents shall create any contractual relationship between any Subcontractor or Sub-subcontractor and the County or any obligation on the part of the County to pay or to see to the payment of any monies due any Subcontractor or Sub-subcontractor, except as may otherwise be required by law. County may furnish to any Subcontractor or Sub-subcontractor to the extent practicable, evidence of amounts paid to Contractor on account of specific work done in accordance with the schedule of values.

- 7.8.4. Contractor agrees to bind specifically every Subcontractor to the applicable terms and conditions of the Contract Documents.
- 7.8.5. The Contractor shall require all Subcontractors or Sub-subcontractors or outside associates employed in connection with the performance of this Contract to comply fully with the terms and conditions of this Contract between the County and the Contractor.
- 7.8.6. Any substitution of such Subcontractors, Sub-subcontractors or associates shall be subject to the prior written approval of the County Project Manager.

7.9. **Certain Responsibilities of County**

- 7.9.1 The County is responsible for internal information for documentation purposes, including but not limited to, fringe benefit rates, pay rates, capital asset information, payable information, etc. The County will also provide a liaison who is a member of the Accounting Division that will direct work activities of the Contractor. The County will provide liaisons from the Departments affected by the disaster, as appropriate.

**8. AUTHORIZATION FOR SERVICES, PROPRIETARY RIGHTS AND SECURITY**

- 8.1. **Certifications for Completed Work.** Contractor shall sign and seal (hereinafter "Certify") all completed Work under this Contract; otherwise, the County Project Manager shall not have the authority to approve completed Work or Services and Contractor shall not be entitled to payment for the Work or Services covered by uncertified Work. In the event the County Project Manager accepts and approves completed Work bearing no such certification by the Contractor, such acceptance and approval shall not relieve Contractor or its Subcontractors or Sub-subcontractors or agents of any liability for any defects, omissions or errors in the Deliverables of completed Work until such work is certified by Contractor.
- 8.2. **Proprietary Rights.** Title and full ownership rights to the documents provided by the County to the Contractor shall at all time remain with the County. The original and any copies of the documents shall be the property of County.
  - 8.2.1. If Contractor or its subcontractor(s) have to access secured or confidential areas of the Accounting Office, County shall have the right to conduct background checks on any such employee or subcontractor(s) sent and use the results of the background check to grant or deny access to these areas.

- 8.3. **Confidentiality of Records.** Contractor shall not copy Accounting records or permit its employees to extract any information from such records without the consent of the County Project Manager. Notwithstanding any portion of this Contract to the contrary, the provisions of State law, constitutional or statutory, pertaining to public records and open government (“government in the sunshine”), and any cases construing such law, shall prevail over the provision of this Contract.
- 8.4. **Payment of Contractor’s Subcontractors or Sub-subcontractors.** Contractor shall save and hold the County harmless from any and all claims or actions by Contractor’s Subcontractors or Sub-subcontractors for payment of monies such Subcontractor or Sub-subcontractor claims to be owed by Contractor for Work performed under this Contract.
- 8.5. Nothing in this Contract shall create any obligation on the part of the County to pay directly to any Subcontractors or Sub-subcontractors of Contractor any monies due to such Subcontractor or Sub-subcontractor or claims of a Subcontractor or Sub-subcontractors for amounts owed by Contractor to Subcontractor or Sub-subcontractor for Work performed under this Contract.

9. **LIMITATION OF LIABILITY AND INDEMNIFICATION OF COUNTY**

- 9.1. Contractor shall, at its own expense, indemnify, defend, and hold harmless the County and its public officials (elected and appointed), successors and successors in interest, officers, agents, attorneys, and employees from and against all claims of every kind and nature (including losses incurred or suffered in consequences either of bodily injury to any person or damage to property), damages, losses, and expenses including reasonable attorney’s fees caused by the negligence, recklessness, or intentionally wrongful conduct of the Contractor and its Subcontractors or agents performing Work or Services under the resulting Contract, caused in whole or in part by any negligent act or omission of Contractor, any of Contractor’s Subcontractors or Sub-Subcontractors, anyone employed by any of them or anyone for whose acts any of them may be liable if the Contractor or its Subcontractors have directed or supervised or otherwise caused an indemnified party to engage in such negligent, wrongful, or reckless act. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in the resulting Contract.
- 9.2. In all claims against the County, or any of its public officials (elected and appointed), successors and successors in interest, officers, agents, attorneys, and employees by any employee of Contractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, no indemnification obligation shall be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for Contractor, or any Subcontractor or Sub-subcontractor under Florida’s Workers’ Compensation acts, disability benefit acts, or other employee benefit acts.
- 9.3. Contractor’s indemnification obligations under this Section, Limitation of Liability and Indemnification of County, are subject to County or the indemnified party giving Contractor (a) prompt written notice of any indemnifiable claim; (b) reasonable assistance in Contractor’s defense of the indemnifiable claim; and (c) sole authority to defend or settle the indemnifiable claim, provided that County or the indemnified party shall have the right to approve any settlement of an indemnifiable claim to the extent such settlement imposes any obligations on County or the indemnified party.

County, or the indemnified party, may retain its own legal counsel at its own expense to monitor such litigation.

- 9.4 **Sovereign Immunity**. County expressly retains all rights, benefits and immunities of sovereign immunity in accordance with Section 768.28, Florida Statutes (as amended). Notwithstanding anything set forth in any Article of this Agreement to the contrary, nothing in this Agreement shall be deemed as a waiver of immunity of limits of liability of County beyond any statutory limited waiver of immunity of limits of liability which may have been adopted by the Florida Legislature or may be adopted by the Florida Legislature and the cap on the amount and liability of County for damages regardless of the number or nature of claims in tort, equity or contract shall not exceed the dollar amount set by the legislature for tort. Nothing in this Agreement shall inure to the benefit on any third party for the purpose of allowing any claim against County which would otherwise be barred under the Doctrine of Sovereign Immunity or operation of law.

## 10. **COUNTY REPRESENTATIVE**

- 10.1. The Work or Services shall be provided by the Contractor under the direction of the authorized County Representative.
- 10.2. Neither the County Representative's review, approval or acceptance of, nor payment for any of the services required under this Contract shall be construed to operate as a waiver of any rights under this Contract or of any cause of action arising out of the performance of this Contract, and the Contractor shall be and remain liable to the County for all costs of any kind which were incurred by the County as a result of the Contractor's negligent performance of the services furnished under this Contract.
- 10.3. All deliverables analyses, reference data, survey data, plans and reports or any other form of written instrument or document that may result from the Contractor's Work or Services or that have been created during the course of the Contractor's performance under this Contract shall become property of the County and/or "works made for hire" (as defined under the 1976 Copyright Act (Title 17 of the United States Code) as amended) after final payment is made to the Contractor.

## 11. **AUDIT AND EXAMINATION OF RECORDS**

- 11.1. For purposes of verifying that invoices submitted, in conjunction with the negotiation of this Contract or any agreement change or other modification are accurate, complete, and current, the County Project Manager, or County's authorized representative(s), shall - until the expiration of three (3) years from the date of final payment under this Contract - have the right to examine those books, records, documents and other supporting data that will permit adequate evaluation of the invoices submitted, along with the computations and projections used therein that were prepared by the Contractor in connection with work under this Contract. Unless the price is based on established catalog or market prices of commercial items sold in substantial quantities to election officials, or prices are set by law or regulation. The Contractor agrees to insert the substance of this clause in all subcontracts hereunder so as to apply until three (3) years after final payment under the subcontract.

## 12. INSURANCE

### 12.1. Required Types of Insurance

The Contractor shall purchase and maintain at its own expense, during the term of this Contract the following types and amounts of insurance with limits no less than those shown below, in the form and from companies satisfactory to the County:

<u>SCHEDULE</u>	<u>LIMITS</u>
Workers' Compensation	Florida Statutory Coverage
Employers Liability	\$100,000. Each Accident
(including Appropriate Federal Acts)	\$500,000. Disease Policy Limit
Commercial General Liability	\$100,000. Each Employee/Disease
	\$2,000,000. General Aggregate
	\$2,000,000. Products/CompOps Aggregate
	\$1,000,000. Personal/Advertising Injury
Blanket Contractual Liability	\$1,000,000. Each Occurrence

(The County of Volusia shall be named as an additional named insured under all of the above Commercial General Liability coverage.)

Auto Liability \$300,000. CSL  
All autos-owned, hired or no-owned  
(Symbol 1 Coverage)

Professional Liability (Errors & Omissions) ..... \$1,000,000.

12.1.1. Minimum underlying coverages shall include Commercial General Liability, Automobile Liability and Workers' Compensation/Employer's Liability. (Umbrella liability limit will not be required to be carried by subcontractors.)

(If the services provided require the disposal of any hazardous or non-hazardous materials off the job site, the disposal site operator must furnish a certificate of insurance for Pollution Legal Liability with coverage for bodily injury and property damage for losses that arise from the facility that is accepting the waste under this contract).

12.1.2. Umbrella or Excess Liability policies may be used to obtain the total limits of liability required to meet the required limits of coverage stated above. Evidence of such coverage should clearly demonstrate the underlying coverages/policies that are included.

12.1.3. Workers' Compensation Insurance. Workers' Compensation insurance is required for all employees of the Contractor, employed or hired to perform or provide Work or Services under this Contract or that is in any way connected with Work or Services performed under this Contract, without exclusion for any class of employee, and shall comply fully with the Florida Workers' Compensation Law (Chapter 440, Florida Statutes, Workers'

Compensation Insurance) and include Employers' Liability Insurance with limits no less than the statutory amount shown above per occurrence.

12.1.3.1. Contractor and its Subcontractors, or any associated or subsidiary company doing Work on County property or under this Contract must be named in the Workers' Compensation coverage or provide proof of their own Workers' Compensation coverage, without exclusion of any class of employee, and with a minimum of the statutory limits per occurrence for Employer's liability coverage. Further, if the Contractor's Subcontractors fail to obtain Workers' Compensation insurance and a claim is made against the County by the uncovered employee of said Subcontractor of the Contractor, the Contractor shall indemnify, defend, and hold harmless the County from all claims for all costs including attorney's fees and costs arising under said employee(s) Workers' Compensation insurance claim(s).

12.1.4. Commercial General Liability Insurance. Commercial General Liability insurance, with a limit of not less than the amounts shown above with an aggregate limit and per occurrence basis, including coverage for the Contractor's operations, independent Contractors, Subcontractors and "broad form" property damage coverages protecting itself, its employees, agents, Contractors or subsidiaries, and their employees or agents for claims for damages caused by bodily injury, property damage, or personal or advertising injury, products liability/completed operations including what is commonly known as groups A, B, and C (libel, false arrest, slander). Such policies shall include coverage for claims by any person as a result of actions directly or indirectly related to the employment of such person or entity by the Contractor or by any of its Subcontractors arising from Work or Services performed under this Contract. Public liability coverage shall include either blanket contractual insurance or a designated contract contractual liability coverage endorsement, indicating expressly the Contractor's contract to indemnify, defend, and hold harmless the County as provided in this Contract. The commercial general liability policy shall be endorsed to include the County as an additional named insured. The commercial general liability policy shall provide exclusive coverage for the location or project site where the Work or Services are to be performed under this Contract. In the alternative, the commercial general liability policy shall be endorsed to provide the designated aggregate per location endorsement or equivalent on a form approved or requested by the County Risk Manager.

12.1.5. Motor Vehicle Liability. The Contractor shall secure and maintain during the term of this Contract, motor vehicle coverage in the split limit amounts of no less than the amounts shown above per person, per occurrence for bodily injury and for property damage or a combined single limit of the amount shown above (including "Any Auto" Symbol 1 coverage), protecting itself, its employees, agents or lessees, or subsidiaries and their employees or agents against claims arising from the ownership, maintenance, or use of a motor vehicle.

12.1.6. Professional Liability. The Contractor shall ensure that it secures and maintains, during the term of this Contract, Professional Liability insurance with limits of no less than the amount shown above contemplated by his Contract. Such policy shall cover all the Contractor's or its Subcontractor's professional liabilities whether occasioned by the Contractor or its Subcontractors, or their agents or employees.

12.1.6.1. If the Contractor fails to secure and maintain the professional liability insurance coverage required herein, the Contractor shall be liable to the County and agrees to indemnify, defend, and hold harmless the County against all claims, actions, losses or damages that would have been covered by such insurance.

12.1.6.2. The Contractor must maintain a retroactive date prior to or equal to the effective date of this Contract. The Contractor shall purchase a Supplemental Extended Reporting Period ("SERP") with a minimum reporting period of not less than three (3) years in the event a Subcontractor's policy is canceled, not renewed, switched to occurrence form, or any other event which requires a purchase of SERP to cover a gap in insurance for claims which may arise under or related to this Contract. The Contractor's purchase of the SERP shall not relieve the Contractor of the obligation to provide replacement coverage. In addition, the Contractor shall require have the Subcontractor's carrier immediately inform the Contractor, and the County of Volusia's Risk Management Division and the Purchasing and Contracts Division of any contractual obligations that may alter its professional liability coverage under this Contract.

12.1.7. Coverages for professional and pollution liability shall be provided on an Occurrence form or a Claims Made form with a retroactive date equal to at least the first date of this Contract and with a three year reporting option beyond the expiration date of this Contract including any amendments to the Contract term. County shall be included as an additional named insured under the pollution liability insurance policy.

12.1.8. Primary and Excess Coverage. Any insurance required may be provided by primary and excess insurance policies.

## 12.2. Insurance Requirements

### 12.2.1. General Insurance Requirements:

12.2.1.1 All insurance policies shall be issued by insurers licensed and/or duly authorized under Florida Law to do business in the State of Florida and all insuring companies are required to have a minimum rating of A- in the "Best Key Rating Guide" published by A.M. Best & Company, Inc.

- 12.2.1.2. Approval by County of any policy of insurance shall not relieve Contractor from its responsibility to maintain the insurance coverage required herein for the performance of Work or Services by the Contractor or its Subcontractors for the entire term of this Contract and for such longer periods of time as may be required under other clauses of this Contract.
- 12.2.1.3. Waiver of Subrogation. The Contractor hereby waives all rights against the County and its Subcontractors to the extent of the risk coverage by any insurance policy required hereunder for damages by reason of any claim, demand, suit or settlement (including workers' compensation) for any claim for injuries or illness of anyone, or perils arising out of this Contract. The Contractor shall require similar waivers from all its Subcontractors. This provision applies to all policies of insurance required under this Contract (including Workers' Compensation, and general liability).
- 12.2.1.4. County Not Liable for Paying Deductibles. For all insurance required by Contractor, the County shall not be responsible or liable for paying deductibles for any claim arising out of or related to the Contractor's business or any Subcontractor performing Work or Services on behalf of the Contractor or for the Contractor's benefit under this Contract.
- 12.2.1.5. Cancellation Notices. During the term of this Contract, Contractor shall be responsible for promptly advising and providing the County's Risk Management and the Purchasing and Contracts divisions with copies of notices of cancellation or any other changes in the terms and conditions of the original insurance policies approved by the County under this Contract within two (2) calendar days of receipt of such notice or change.
- 12.2.1.6. For any on-site Work performed by or on behalf of Contractor on County property, the County shall be named as an additional insured or additional named insured subject to review and determination by County's Risk Manager on all policies required under this Contract.
- 12.2.1.7. Deductibles. For purposes of this Contract, Contractor shall not obtain an insurance policy with a deductible or self-insurance provision.

### 12.3. Proof of Insurance

- 12.3.1. The Contractor shall be required to furnish evidence of all required insurance in the form of certificates of insurance, which shall clearly outline all hazards covered as itemized herein, the amounts of insurance applicable to each hazard and the expiration dates.
- 12.3.2. The Contractor shall furnish proof of insurance acceptable to the County prior to or at the time of execution of this Contract and the Contractor shall not commence Work or provide any Service until the Contractor has obtained all the insurance required under

this Contract and such insurance has been filed with and approved by the County. Upon request from the County, the Contractor shall furnish copies of the following types of insurance policies and any changes or amendments thereto, immediately, to the County and County's Risk Management and Purchasing and Contracts Divisions, prior to the commencement of any contractual obligations. This Contract may be terminated by the County, without penalty or expense to County, if at any time during the term of this Contract proof of any insurance required hereunder is not provided to the County.

12.3.3. All certificates of insurance shall clearly indicate that the Contractor has obtained insurance of the type, amount and classification required by this Article. No Work or Services by Contractor or its Subcontractors shall be commenced until County has approved these policies or certificates of insurance. Further, the Contractor agrees that the County shall make no payments pursuant to the terms of this Contract until all required proof or evidence of insurance has been provided to the County. This Contractor may be terminated by the County, without penalty or expense, if proof of any insurance required hereunder is not provided to the County.

12.3.4. The Contractor shall file replacement certificates with the County at the time of expiration or termination of the required insurance occurring during the term of this Contract. In the event such insurance lapses, the County expressly reserves the right to renew the insurance policies at the Contractor's expense or terminate this Contract but County has no obligation to renew any policies.

12.4. The provisions of this Article shall survive the cancellation or termination of this Contract.

### 13. LOCAL GOVERNMENT POLICIES

13.1 **Public Records Law.** Contractor acknowledges that the County and Contractor are required to comply with the Florida Constitution, and Chapter 119, Florida Statutes, in the handling of the materials created under this Contract and that said statute controls over the terms of this Contract. To the extent practicable, the County agrees to notify Contractor of any public records request concerning the Contractor or matters relating to the services provided under this Contract. Contractor agrees to comply with all provisions of such Public Record Act as they apply to the Contractor.

13.2. **Payments Subject to Appropriation.** Notwithstanding any other term or provision of this Contract, the continuation of this Contract beyond a single fiscal year of County is subject to the appropriation and availability of funds in accordance with Chapter 129, Florida Statutes. If at any time funds are not appropriated for the Services and Deliverables provided or to be provided under this Contract, cancellation shall be accepted by Contractor with thirty (30) days prior written notice, but failure to give such notice shall be of no effect. Termination by the County due to nonappropriation shall be without a termination charge by Contractor. County shall not be obligated to pay Contractor under this Contract beyond the date of termination except as set forth in Article 6 – Termination. County's obligation to pay Contractor is limited to the budgeted amount for a fiscal year approved by the Volusia County Council for the then current fiscal year

of this Contract and is otherwise limited to legally available non-ad valorem tax revenues. Contractor shall have no right to compel the Volusia County Council to appropriate funds for any fiscal year to pay the compensation set forth in Article 5 – Contract Price and Compensation.

- 13.3. **Changes Due to Public Welfare.** The County and Contractor agree to enter into good faith negotiations regarding modifications to this Contract which may be required in order to implement changes in the interest of the public welfare or due to change in law or Ordinance.
- 13.4. **Compliance with Applicable Laws.** Contractor shall perform its obligations hereunder in accordance with all applicable federal, state and local laws, ordinances, rules, regulations, and all orders and decrees of bodies or tribunals having jurisdiction or authority which in any manner affect the performance of this Contract. Contractor shall protect and indemnify County and all its officers, agents, servants and employees against any claim or liability arising from or based on the violation of any such law, ordinance, rule, regulation, order or decree caused or committed by Contractor, its representatives, subcontractors, professional associates, agents, servants or employees. Additionally, Contractor shall obtain and maintain at its own expense all applicable licenses and permits to conduct business pursuant to this Contract from the federal government, State of Florida, County of Volusia or municipalities when legally required and maintain same in full force and effect during the term of this Contract. In addition, Contractor shall cooperate and County shall have the sole and exclusive right to demand that Contractor comply with any and all requirements of State, Federal or local government for successful reimbursement to the County.
- 13.5. **Nondiscrimination and Americans with Disabilities Act.** Contractor shall not unlawfully discriminate against any person in the operations and activities in the use or expenditure of the funds or any portion of the funds provided by this Contract. Contractor agrees it shall affirmatively comply with all applicable provisions of the Americans with Disabilities Act (ADA) in the course of providing all Services funded by County, including Titles I and II of the ADA (regarding nondiscrimination on the basis of disability), and all applicable regulations, guidelines, and standards. In performing under this Contract, Contractor agrees that it shall not commit an unfair employment practice in violation of any state or federal law and that it shall not discriminate against any member of the public, employee or applicant for employment for work under this Contract because of race, color, religion, gender, sexual orientation, age, national origin, political affiliation, or disability and will take affirmative steps to ensure that applicants are employed and employees are treated during employment without regard to race, color, religion, gender, sexual orientation, age, national origin, political affiliation, or disability.
- 13.6. **Drug Free Workplace.** The County of Volusia is a drug-free and smoke-free workplace. Contractor agrees that it shall provide a drug-free environment to its personnel during the Term of this Contract and will comply, subject to the prior receipt thereof, with the County's policies on drug-free and smoke-free work place during the term of this Contract.
- 13.7. **Background Checks.** Contractor and County understand that certain areas of the County's premises may not be available to Contractor's personnel without background checks and that such access is not required to perform the services contemplated by this Contract.

- 13.8. **Employment of Illegal Aliens.** Contractor certifies that it does not knowingly or willingly and will not during the performance of the Contract employ illegal alien workers or otherwise violate the provisions of the Federal Immigration Reform and Control Act of 1986, as amended.
- 13.9. **Equal Opportunity; Disadvantaged Business Enterprises.**
- 13.9.1. During the performance of this Contract, the Contractor agrees as follows:
- 13.9.1.1. The Contractor will not discriminate against any employee or applicant for employment because of race, creed, color, sex or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, color, sex or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.
- 13.10. **Truth-in-Negotiations.** Contractor's signature on this Contract shall act as the execution of a truth-in-negotiation certificate stating that wage rates and other factual unit costs supporting the compensation set forth in this Contract are accurate, complete, and current at the time of contracting. Contractor also certifies by signing this Contract that it has disclosed to County prior to the execution of this Contract all debts, obligations or fees owed to the County by Contractor.
- 13.11. **E-VERIFY.** The Contractor warrants that it has duly enrolled in the E-Verify system of the U. S. Department of Homeland Security ("E-Verify System") and is party to a memorandum of understanding authorizing use of that system. The Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor on or after the effective date of this Contract and thereafter during the remaining term of the Contract. The Contractor shall certify by notarized affidavit to the County Project Manager on the first day of each month that the Contractor remains in compliance with this section and the Executive Order 11-116 of the Governor of the State of Florida ("Executive Order"). The Contractor covenants and agrees that if it is found in violation of this section or the Executive Order, such violation shall be a material breach of this Contract and Contractor shall indemnify, defend and hold harmless the County from any fines or penalties levied by a government agency, including the loss or repayment of grant funds by the County.

#### 14. **DISPUTE RESOLUTION**

- 14.1. The parties to this Contract shall exercise their best efforts to negotiate and settle promptly any dispute that may arise with respect to this Contract in accordance with the provisions set forth in this section. The Contractor and County Project Manager shall use reasonable efforts to arrange personal meetings and/or telephone conferences as needed, at mutually convenient times and places, to address and work toward resolution of issues that arise in performance of this Contract and any applicable Scope of Services. Issues shall be escalated to successive management levels as indicated in Section 14.3.

- 14.2. If a dispute develops between the parties concerning any provision under this Contract, or the interpretation thereof, or any conduct by the other party under these agreements, and the parties are unable to resolve such dispute within five (5) days, that party, known as the Invoking Party, through its applicable Project Manager, shall promptly bring the disputed matter to the attention of the non-Invoking Party's Project Manager or designated representative, as the case may be, of the other party in writing ("Dispute Notice") in order to resolve such dispute.
- 14.3. Upon issuance of a Dispute Notice, the Project Manager(s) or designated representative(s) shall furnish to each other all non-privileged information with respect to the dispute believed by them to be appropriate and germane. The Project Manager(s) or designated representative(s) shall negotiate in an effort to resolve the dispute without the necessity of any formal proceeding. If such dispute is not resolved by the Project Manager(s) or designated representative(s) within five (5) business days, the Project Manager(s) or designated representative(s) shall escalate the dispute as indicated below.

Business Days	Contractor's Representative	County Representative
5	Contractor	Project Manager
10	Contractor's Engagement Manager	Director of Purchasing and Contracts
15	Contractor's Business Unit Manager or Designee	Deputy County Manager

- 14.4. **Formal Dispute Resolution.** At any point after issuance of a Dispute Notice under this section, either party may initiate formal non-binding mediation before a single mediator, which mediation shall be completed within thirty (30) days of initiation in accordance with the rules of practice and procedure adopted by the Supreme Court of Florida for court-ordered mediation, Rule 1.700 et seq. of the Florida Rules of Civil Procedure, and Chapter 44, Florida Statutes. If the dispute remains unresolved after conducting such mediation, then either party may proceed to finalize such termination remedies and commence litigation in a court of competent jurisdiction. If litigation is prematurely commenced, it shall be stayed until the mediator makes the required certification.

## 15. CLAIMS NOTICE

- 15.1. The Contractor shall timely report in writing to the County's Director of Risk Management any incident which it believes might result in a claim or claims against the County under any of the coverage mentioned herein.

Name: Risk Management Department  
 Address: 230 North Woodland Boulevard, Suite 250  
 DeLand, Florida 32720  
 Telephone: (386) 736-5963  
 Fax: (386) 822-5006

## **16. ASSIGNMENT**

- 16.1. Contractor may not assign or otherwise convey Contractor's rights and/or obligations under this Contract without first providing County with a processing fee of Five Hundred Dollars (US\$500.00) and obtaining County's prior written consent, which consent County may withhold, limit and/or condition in County's sole discretion, including, but not limited to posting a performance bond. Any consent by the County under this article shall be by written amendment to the Contract in a form and substance specified by the County in its sole discretion. If Contractor desires to assign or otherwise convey its rights and/or obligations under this Contract, Contractor shall, no less than one hundred twenty (120) days prior to the assignment's proposed effective date, provide County with a written request for County's consent.
- 16.2. Failure by the Contractor to obtain the County's consent in accordance with this article prior to assignment or other conveyance shall: 1) constitute a material breach of the Contract; and 2) entitle the County to retain any and all legal rights, claims and defense to enforce this article, including, but not limited to, injunctive, declaratory, damages and attorney's fees and costs. Payment of any sum by the County in accordance with the Contract to the Contractor or any person or entity prior to the Contractor obtaining the County's consent to the assignment shall not constitute a waiver of the rights of the County under this article.
- 16.3. Nothing herein shall preclude the right of the County to waive its rights under this article but no waiver shall be granted by the County without amendment to the Contract. The Contractor is hereby placed on notice that the County may demand a discount of up ten percent (10%) from those rates or compensation for the goods or services established in the Contract as a condition to execution of the amendment.

## **17. ADDITIONAL RIGHTS AND REMEDIES**

- 17.1. The rights and remedies of the County provided for under this Contract are in addition to any other rights and remedies provided by law; the County may assert its right of recovery by any appropriate means including, but not limited to, set-off, suit, withholding, recoupment, or counterclaim, either during or after performance of this Contract.

## **18. WAIVER**

- 18.1. No consent by either party to, or waiver of, a breach by either party shall constitute a consent to or waiver of any other different or subsequent breach by either party.

## **19. REMEDIES**

- 19.1. Except as specifically provided herein, the remedies provided to the parties under this Contract shall be cumulative and non-exclusive and the parties shall be entitled to seek any other rights to which they may be entitled at law or in equity, subject to the terms of this Contract.

**20. SEVERABILITY**

20.1. If any provision of this Contract shall be unenforceable or invalid under any applicable law or be so held by any court of competent jurisdiction, the remaining provisions of this Contract shall remain in full force and effect. The parties agree to use their best efforts to amend the unenforceable or invalid provision so as to best accomplish the objective of such provision. Any such amendment shall be in writing and be executed with the same formality as this Contract.

**21. CONTROLLING LAW**

21.1. This Contract is to be governed by the laws of the State of Florida. Venue for any litigation between the parties to this Contract shall be state circuit court in the County of Volusia, Florida and any trial shall be non-jury. Each party agrees to bear its own costs and attorneys fees relating to any dispute arising under the Contract.

**22. MODIFICATIONS TO CONTRACT**

22.1. This Contract and any exhibits, amendments and schedules may only be amended, supplemented, modified or canceled by a written instrument duly executed by the parties hereto of equal dignity herewith.

**23. NOTICE**

23.1. All notice required under this Contract shall be in writing and shall be sent by certified United States Mail or national parcel service, postage prepaid, return receipt requested, or by hand-delivery with a written receipt of delivery, addressed to the party for whom it is intended at the place last specified. The place for giving notice shall remain the same as set forth herein until changed in writing in the manner provided in this section. For the present, the parties designate the following:

In the case of County:	with a copies of legal notices to:
County of Volusia Attn: Director of Purchasing and Contracts Address: 123 W. Indiana Ave., Room 302 DeLand, Florida 32720 Phone: (386) 736-5935	County of Volusia Attn: County Attorney Address: 123 W. Indiana Ave., Room 301 DeLand, Florida 32720 Phone: (386) 736-5950

<b>In the case of Contractor:</b>	<b>with a copy of legal notices to:</b>
Attn: Jon M. Hoyle Address: Thompson Consulting Services – TCS, LLC 951 Market Promenade Avenue, Suite 2101 Lake Mary, FL 32746 Phone: (321) 303-2543	Attn: Jon M. Hoyle Address: Thompson Consulting Services – TCS, LLC 951 Market Promenade Avenue, Suite 2101 Lake Mary, FL 32746 Phone: (321) 303-2543

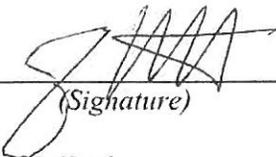
24. This Contract, together with any exhibits, schedules, attachments and amendments thereto constitute the entire Contract between County and Contractor and supersede all prior written or oral understandings.

[Remainder of this page intentionally left blank]

IN WITNESS WHEREOF, the parties have made and executed this Contract for Recovery And Related Grant Project Management For The Accounting Division Of The County Of Volusia, the last day and year below written.

CONTRACTOR:

THOMPSON CONSULTING SERVICES – TCS, LLC

BY:   
(Signature)

Name: Jon M. Hoyle

Title: President

Date: 05/08/12

ATTEST:

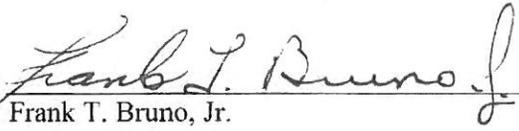
Name: Renie Raya

Title: Marketing Coordinator

Date: May 8, 2012

COUNTY OF VOLUSIA

BY: COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA

BY:   
Frank T. Bruno, Jr.  
County Chair

Date: 6/7/2012

ATTEST: 

James T. Dinneen  
County Manager/Clerk

Date: 6/11/2012

CC Date: 6/7/12

**EXHIBIT A**  
**SCOPE OF WORK**

A general description of the scope of services required includes, but is not limited to, the following:

The Contractor shall provide all services described herein and other services required to coordinate and assist the County with completing emergency and permanent work projects for federally declared disasters. Activities include grant or project worksheet preparation, grants or project management, and accounting for costs in accordance with Federal, State, and local regulations. The Contractor shall supply the necessary personnel with the appropriate qualifications and skill sets to provide the services as delineated below. Services shall be clearly delineated according to the damages caused by each disaster and funding shall be separated to ensure proper accounting for each storm is maintained and all appropriate deadlines and other requirements for grant closure are satisfied. Note, however, the County cannot contract away its duties and obligations as a recipient of Federal and State grant funds. The Contractor shall advise and assist the County with administering these grants as necessary, but the Contractor cannot assume the County's duties and responsibilities as a grant recipient.

- A. Grant and FEMA Project Worksheet Preparation - The Contractor shall prepare grant applications and FEMA Project Worksheets, which include:
1. Accompanying County personnel on site inspections, including preliminary damage assessment activities. Pursuant to 44 CFR §206.202, an authorized local representative is required to ensure that all eligible work has been identified, and that all costs for disaster-related damages have been submitted to FEMA for funding. The Contractor shall assist the County's representative to ensure all eligible work is identified and accurate estimates of damage are submitted to FEMA for funding. The Contractor shall prepare the necessary documents to identify and estimate the cost of the damaged areas in the format required by FEMA and the County.
  2. Pursuant to 44 CFR §206.202, preparing FEMA Small Project Worksheets. The Contractor shall assist the County in preparing any small project worksheets for FEMA Categories A-G. The Contractor shall supply the necessary staff to ensure the project worksheets are completed in accordance with FEMA and County guidelines within the time constraints imposed by FEMA.
  3. Preparing Large Project Worksheets. The Contractor shall assist the County to gather and prepare information required by FEMA to complete large project worksheets and represent the County's interest in dealing with FEMA and the State of Florida. The Contractor shall supply the necessary staff to ensure the project worksheets are completed in accordance with FEMA and County guidelines within the time constraints imposed by FEMA.
  4. Identifying Improved or Alternate Projects. Pursuant to 44 CFR §206.203, the County may use FEMA funding for alternate or improved projects. The

Contractor shall advise the County on the appropriateness of requesting this type of funding from FEMA and shall assist the County in applying for this type of funding.

5. Identifying Cost-effective Mitigation Measures under Stafford Act Section 406. Pursuant to 44 CFR §206.226, cost-effective hazard mitigation measures may be incorporated in the restoration of damaged facilities. The Contractor shall assist the County in identifying hazard mitigation opportunities and shall assist the County with preparing benefit/cost analyses and hazard mitigation funding applications.
6. Identifying/Resolving Other Special Considerations. The Contractor shall assist the County with identifying and resolving special consideration issues such as insurance, floodplain management, environmental issues, and historic preservation issues. The Contractor shall review any insurance settlements for accuracy and shall ensure that the insurance settlement is properly incorporated into the FEMA project worksheet. The Contractor shall work with the County, FEMA, and the State of Florida to ensure compliance with the National Environmental Policy Act (NEPA), the Clean Water Act, the Clean Air Act, the Endangered Species Act, the National Historic Preservation Act, and other federal statutes and executive orders.

B. Grants Management - The Contractor shall assist the County with managing grants. This includes:

1. Monitoring Contractor Performance. The Contractor shall monitor contractor performance to ensure that FEMA mandated work deadlines are completed timely. According to 44 CFR §206.204, emergency work projects must be completed within 18 months of the disaster declaration. The Contractor shall assist the County with ensuring that the above deadlines are met, or shall assist the County with applying for time extensions.
2. Providing Clerical Support to Review and Approve Payment Documentation. The Contractor shall assist the County by supplying clerical support to review, prepare, and approve payment to contractors performing eligible disaster related work to ensure that the documentation meets all Federal, State, and the County's financial and accounting requirements.
3. Payment Requests/Cash Flow. The Contractor shall assist the County with maintenance of financial records, in accordance with County requirements for financial reporting, to ensure prompt reimbursement from FEMA and the State of Florida. The Contractor shall assist in preparing payment requests in acceptable formats to ensure reimbursements from FEMA and the State of Florida are obtained in a timely fashion.
4. Preparing Schedules and Performing Reconciliations. The Contractor shall assist

the County and coordinate with its personnel in preparing the necessary schedules and performing any required reconciliations to ensure that the costs recorded in the County's financial records are correct and auditable by the County's external auditors. The Contractor shall supply the necessary qualified personnel to ensure this is completed in a timely fashion in accordance with the County's audit schedule. In addition, clerical support shall be provided to collect, gather, organize, and enter data into a database that support information presented on schedules and work papers. All schedules and work papers are to be prepared using the Microsoft Office suite products, such as Excel, Word, or Access.

5. Conducting Interim Inspections. The Contractor shall assist the County and coordinate with its personnel in performing interim grant inspections to ensure work is progressing timely and all documentation is being maintained in an orderly manner. The Contractor shall also assist the County with preparing progress reports for FEMA, the State of Florida, and County management.
6. Conducting Final Inspections. The Contractor shall assist the County and coordinate with its personnel in performing final grant inspections to ensure work completion and to document all eligible costs for FEMA reimbursement.
7. Assisting with Grant Closure. The Contractor shall assist the County with final reconciliation of grant funds and shall assist the County with completion of required FEMA and State of Florida documentation for grant closure.
8. Assisting with Audit Defense. The Contractor shall be available to assist the County with the defense of any audits conducted by the FEMA Office of the Inspector General or other auditors (additional fees may be required depending on the amount of time involved).
9. Assisting with Appeals. The Contractor shall be available to assist the County with submitting appeals to FEMA, if necessary (additional fees may be required depending on the amount of time involved).



**FINANCIAL AND ADMINISTRATIVE SERVICES**

**Purchasing and Contracts**

123 West Indiana Avenue • Room 302 • DeLand, FL 32720-4608

(386) 736-5935 • Fax (386) 736-5972

e-mail: [purchasing@co.volusia.fl.us](mailto:purchasing@co.volusia.fl.us); [www.volusia.org](http://www.volusia.org)

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**Submittal Due Date**

**Tuesday, July 12, 2011**

**Submittal Due Time**

**3:00 p.m.**

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**Submit Responses To:**

County of Volusia  
Purchasing and Contracts Division  
123 West Indiana Avenue, Room 302  
DeLand, FL 32720-4608

**Project Contact**

Becki Bishop  
Phone: 386-822-5794 • Fax: 386-736-5935  
E-mail: [rbishop@co.volusia.fl.us](mailto:rbishop@co.volusia.fl.us)  
[www.volusia.org/bidlist](http://www.volusia.org/bidlist)

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**11-SQ-114BB**  
**DISASTER COST RECOVERY AND RELATED**  
**GRANT AND PROJECT MANAGEMENT FOR**  
**THE FINANCE DIVISION OF THE**  
**COUNTY OF VOLUSIA, FL**

The purpose of the Request for Statement of Qualifications (RSQ) is to select the most highly qualified firm(s) to provide the requested services. Submittals will be reviewed and evaluated as to qualifications to perform the services required by an Evaluation Committee consisting of one member of the County Council and County staff, who will make a recommendation for award by the County Council.

It is anticipated that one or two firm(s) shall be selected to provide the necessary services for a contract period of five (5) years, with two one-year renewals permissible upon mutual written agreement.

**DO NOT RESPOND TO THIS SOLICITATION ON LINE**

Expressions of interest and qualification data will be received at the Office of the Volusia County Purchasing & Contracts Division, 123 W. Indiana Avenue, 3rd Floor, Room 302, DeLand, FL 32720-4608, **until 3:00 p.m. on Tuesday, July 12, 2011.** Submittals received after this deadline **will not** be considered for award. The purpose of the Request for Statement of Qualifications (RSQ)

is to select the most highly qualified firm(s) to provide services to assist in disaster cost recovery and related grant and project management for the Financial and Administrative Services Department, Accounting Division, of Volusia County, Florida.

### **BACKGROUND**

Since 1998 the County has experienced ten federally declared disaster events. For these events, the County received federal aid to supplement its costs for response and recovery. The aid dollars were received from various federal programs including the Federal Emergency Management (FEMA) Public Assistance and Fire Suppression Assistance programs and the Federal Highway Administration's Emergency Relief program. In 2004 the County experienced three hurricanes between August 13 and September 25 with costs totaling close to \$40,000,000. Listed below is a break down of these and other disaster related costs:

Disaster	Category	Small Projects Cost	# Small PW's	Large Projects Cost	# Large PW's	Disaster Total
<b>1998 Tornado</b>	A	\$0	0	\$113,800	2	\$113,800
	B	36,600	1	0	0	\$36,600
	C	0	0	54,400	1	\$54,400
	E	10,500	2	0	0	\$10,500
<b>Total: 1998 Tornado</b>		<b>\$47,100</b>	<b>3</b>	<b>\$168,200</b>	<b>3</b>	<b>\$215,300</b>
<b>1998 Wildfires</b>	B	\$0	0	\$2,270,000	1	\$2,270,000
	Fire Supp			1,172,000	1	\$1,172,000
<b>Total: 1998 Wildfires</b>		<b>\$0</b>	<b>0</b>	<b>\$3,442,000</b>	<b>2</b>	<b>\$3,442,000</b>
<b>Hurricane Floyd</b>	A	\$163,000	10	\$529,000	1	\$692,000
	B	171,000	10	527,000	6	\$698,000
	C	38,100	2	301,300	1	\$339,400
	E	\$50,100	8	212,400	2	\$262,500
	G	292,100	14	81,200	1	\$373,300
<b>Total: Hurricane Floyd</b>		<b>\$714,300</b>	<b>44</b>	<b>\$1,650,900</b>	<b>11</b>	<b>\$2,365,200</b>
<b>Hurricane Irene</b>	A	\$133,900	5	\$750,800	1	\$884,700
	B	45,900	4	0	0	\$45,900
	C	21,800	1	0	0	\$21,800
	E	55,400	5	0	0	\$55,400
	G	17,500	2	0	0	\$17,500
<b>Total: Hurricane Irene</b>		<b>\$274,500</b>	<b>17</b>	<b>\$750,800</b>	<b>1</b>	<b>\$1,025,300</b>
<b>Hurricane Charley</b>	A	\$86,500	10	\$3,127,000	10	\$3,213,500
	B	327,000	24	280,000	4	\$607,000
	C	29,000	2	209,000	1	\$238,000
	E	160,800	17	0	0	\$160,800
	F	20,600	4	0	0	\$20,600
	G	30,000	2	351,000	1	\$381,000

## EXHIBIT B

Disaster	Category	Small Projects Cost	# Small PW's	Large Projects Cost	# Large PW's	Disaster Total
<b>Total: Hurricane Charley</b>		<b>\$653,900</b>	<b>59</b>	<b>\$3,967,000</b>	<b>1</b>	<b>\$4,620,900</b>
<b>Hurricane Frances</b>	A	\$106,000	9	\$8,559,000	11	\$8,665,000
	B	243,000	22	1,411,000	10	\$1,654,000
	C	38,000	2	0	0	\$38,000
	E	205,000	31	0	0	\$205,000
	G	1,300	1	0	0	\$1,300
<b>Total: Hurricane Frances</b>		<b>\$593,300</b>	<b>65</b>	<b>\$9,970,000</b>	<b>21</b>	<b>\$10,563,300</b>
<b>Hurricane Jeanne</b>	A	\$70,750	5	\$12,000,000	14	\$12,070,750
	B	225,000	11	1,091,000	4	\$1,316,000
	C	41,000	1	1,047,000	4	\$1,088,000
	E	60,000	9	0	0	\$60,000
	F	58,000	8	0	0	\$58,000
	G	107,000	10	1,273,000	6	\$1,380,000
	FHWA	0	0	5,555,700	1	\$5,555,700
<b>Total: Hurricane Jeanne</b>		<b>\$561,750</b>	<b>44</b>	<b>\$20,966,700</b>	<b>29</b>	<b>\$21,528,450</b>
<b>Severe Storms and Tornadoes</b>	A	\$2,193	3	\$1,467,950	2	\$1,470,143
	B	4,272	9	368,055	4	372,327
	C	0	0	11,471	1	11,471
	E	78,368	8	74,404	2	152,772
<b>Total: Severe Storms and Tornadoes</b>		<b>\$84,833</b>	<b>20</b>	<b>\$1,921,880</b>	<b>9</b>	<b>\$2,006,713</b>
<b>Tropical Storm Fay</b>	A	\$27,826	1	\$94,250	1	\$122,076
	B	91,111	7	1,419,306	6	1,510,418
	C	18,572	1	392,770	2	411,342
	E	2,100	1	0	0	2,100
	F	0	0	121,545	1	121,545
<b>Total: Tropical Storm Fay</b>		<b>\$139,609</b>	<b>10</b>	<b>2,027,871</b>	<b>10</b>	<b>\$2,167,481</b>
<b>Northeast Florida Flooding</b>	A	\$38,441	2	\$0	0	\$38,441
	B	158,974	13	389,127	1	548,101
	C	53,574	2	189,578	2	243,152
	E	109,589	4	98,862	1	208,451
	G	12,990	5	0	0	12,990

Disaster	Category	Small Projects Cost	# Small PW's	Large Projects Cost	# Large PW's	Disaster Total
<b>Total: Northeast Florida Flooding</b>		\$373,568	26	\$677,567	4	\$1,051,135

For disaster-related events, the Accounting Division has acted as the County's lead agency in the cost recovery process. In addition, the division plays an active role in the preliminary damage assessment process that is executed shortly after a disaster occurs. The Accounting staff has been involved in coordinating and preparing project worksheets requiring a thorough knowledge of Federal eligibility rules and guidelines. In most cases, they act as a liaison between the Federal agency and the County department representatives to ensure all cost documentation requirements are met. Staff accounts for all disaster related costs in accordance with generally accepted accounting principles as they relate to governments. Also, staff prepares the necessary federally required schedules and reports and coordinates project and grant closure.

**SCOPE OF SERVICE:** A general description of the scope of services required includes, but is not limited to, the following:

The vendor shall provide all services described herein and other services required to coordinate and assist the County with completing emergency and permanent work projects for federally declared disasters. Activities include grant or project worksheet preparation, grants or project management, and accounting for costs in accordance Federal, State, and local regulations. The vendor shall supply the necessary personnel with the appropriate qualifications and skill sets to provide the services as delineated below. Services shall be clearly delineated according to the damages caused by each disaster and funding shall be separated to ensure proper accounting for each storm is maintained and all appropriate deadlines and other requirements for grant closure are satisfied. Note, however, the County cannot contract away its duties and obligations as a recipient of Federal and State grant funds. The vendor shall advise and assist the County with administering these grants as necessary, but the vendor cannot assume the County's duties and responsibilities as a grant recipient.

A. Grant and FEMA Project Worksheet Preparation - The vendor shall prepare grant applications and FEMA Project Worksheets, which include:

1. Accompanying County personnel on site inspections, including preliminary damage assessment activities. Pursuant to 44 CFR §206.202, an authorized local representative is required to ensure that all eligible work has been identified, and that all costs for disaster-related damages have been submitted to FEMA for funding. The vendor shall assist the County's representative to ensure all eligible work is identified and accurate estimates of damage are submitted to FEMA for funding. The vendor shall prepare the necessary documents to identify and estimate the cost of the damaged areas in the format required by FEMA and the County.
2. Pursuant to 44 CFR §206.202, preparing FEMA Small Project Worksheets. The vendor shall assist the County in preparing any small project worksheets for FEMA Categories A-G. The vendor shall supply the necessary staff to ensure the project worksheets are completed in accordance with FEMA and County guidelines within the time constraints imposed by FEMA.

3. **Preparing Large Project Worksheets.** The vendor shall assist the County to gather and prepare information required by FEMA to complete large project worksheets and represent the County's interest in dealing with FEMA and the State of Florida. The vendor shall supply the necessary staff to ensure the project worksheets are completed in accordance with FEMA and County guidelines within the time constraints imposed by FEMA.
  4. **Identifying Improved or Alternate Projects.** Pursuant to 44 CFR §206.203, the County may use FEMA funding for alternate or improved projects. The vendor shall advise the County on the appropriateness of requesting this type of funding from FEMA and shall assist the County in applying for this type of funding.
  5. **Identifying Cost-effective Mitigation Measures under Stafford Act Section 406.** Pursuant to 44 CFR §206.226, cost-effective hazard mitigation measures may be incorporated in the restoration of damaged facilities. The vendor shall assist the County in identifying hazard mitigation opportunities and shall assist the County with preparing benefit/cost analyses and hazard mitigation funding applications.
  6. **Identifying/Resolving Other Special Considerations.** The vendor shall assist the County with identifying and resolving special consideration issues such as insurance, floodplain management, environmental issues, and historic preservation issues. The vendor shall review any insurance settlements for accuracy and shall ensure that the insurance settlement is properly incorporated into the FEMA project worksheet. The vendor shall work with the County, FEMA, and the State of Florida to ensure compliance with the National Environmental Policy Act (NEPA), the Clean Water Act, the Clean Air Act, the Endangered Species Act, the National Historic Preservation Act and other federal statutes and executive orders.
- B. Grants Management - The vendor shall assist the County with managing grants. This includes:
1. **Monitoring Contractor Performance.** The vendor shall monitor contractor performance to ensure that FEMA mandated work deadlines are completed timely. According to 44 CFR §206.204, emergency work projects must be completed within 18 months of the disaster declaration. The vendor shall assist the County with ensuring that the above deadlines are met, or shall assist the County with applying for time extensions.
  2. **Providing Clerical Support to Review and Approve Payment Documentation.** The vendor shall assist the County by supplying clerical support to review, prepare, and approve payment to contractors performing eligible disaster related work to ensure that the documentation meets all Federal, State, and the County's financial and accounting requirements.
  3. **Payment Requests/Cash Flow.** The vendor shall assist the County with maintenance of financial records, in accordance with County requirements for financial reporting, to ensure prompt reimbursement from FEMA and the State of Florida. The vendor

shall assist in preparing payment requests in acceptable formats to ensure reimbursements from FEMA and the State of Florida are obtained in a timely fashion.

4. **Preparing Schedules and Performing Reconciliations.** The vendor shall assist the County and coordinate with its personnel in preparing the necessary schedules and performing any required reconciliations to ensure that the costs recorded in the County's financial records are correct and auditable by the County's external auditors. The vendor shall supply the necessary qualified personnel to ensure this is completed in a timely fashion in accordance with the County's audit schedule. In addition, clerical support shall be provided to collect, gather, organize, and enter data into a database that support information presented on schedules and work papers. All schedules and work papers are to be prepared using the Microsoft Office suite products, such as Excel, Word, or Access.
5. **Conducting Interim Inspections.** The vendor shall assist the County and coordinate with its personnel in performing interim grant inspections to ensure work is progressing timely and all documentation is being maintained in an orderly manner. The vendor shall also assist the County with preparing progress reports for FEMA, the State of Florida, and County management.
6. **Conducting Final Inspections.** The vendor shall assist the County and coordinate with its personnel in performing final grant inspections to ensure work completion and to document all eligible costs for FEMA reimbursement.
7. **Assisting with Grant Closure.** The vendor shall assist the County with final reconciliation of grant funds and shall assist the County with completion of required FEMA and State of Florida documentation for grant closure.
8. **Assisting with Audit Defense.** The vendor shall be available to assist the County with the defense of any audits conducted by the FEMA Office of the Inspector General or other auditors (additional fees may be required depending on the amount of time involved).
9. **Assisting with Appeals.** The vendor shall be available to assist the County with submitting appeals to FEMA, if necessary (additional fees may be required depending on the amount of time involved).

#### **QUALIFICATIONS AND EXPECTED RESPONSES**

- A. Each vendor shall provide qualifications of the vendor to perform these services and provide a list of the types of personnel to be used to provide these services and their qualifications. (Please submit in Tab 1)
- B. Each vendor shall provide a list of references of similar projects and a short narrative of the work performed, to include contact names, phone numbers, and e-mail addresses. (Please submit in Tab 7)

- C. Each vendor shall provide a project and methodology plan for the County of Volusia in response to the above information. (Please submit in Tab 2)
- D. Each vendor shall provide an hourly cost schedule for personnel to be used to supply these services or describe the type of costing schedule normally used in these types of projects. (Please submit in Tab 4)

**PROPOSED SCHEDULE**

06/01/11 .....Release date for Request For Statement of Qualifications  
 06/28/11 .....Final date to receive written questions  
 07/12/11 .....Closing Date  
 w/o 08/15/11 .....Evaluation Committee  
 w/o 09/05/11 .....Presentations, if required  
 September .....Contract Negotiations  
 10/06/11 .....Recommendation to Council  
 10/15/11 .....Project Start Date

**PAYMENT TERMS**

- A. The County will remit full payment on all undisputed invoices within forty-five (45) days from receipt by the appropriate person(s) (to be designated at time of Contract) of the invoice(s) or receipt of all products or services ordered.
- B. Pursuant to Chapter 218, Florida Statutes, the County will pay interest not to exceed one percent (1%) per month on all undisputed invoices not paid within 30 (thirty) days after the due date.
- C. The County has the capabilities of Electronic Fund Transfer (EFT). List any discounts for prompt payment and/or willingness to accept Electronic Funds Transfer (EFT) and the discount to be applied to such payments.
- D. By submitting a proposal to the County of Volusia, Florida, the Respondents expressly agree that, if awarded a contract, the County may withhold from any payment monies owed by the Respondent to the County for any legal obligation between the Respondent and the County, including but not limited to real property taxes, personal property taxes, fees, and commissions.

**PUBLIC PROPOSAL OPENING**

- A. Pursuant to Section 119.071(1)(b)1.a, Florida Statutes, proposals (“responses”) and the completed tabulation will be available for inspection within ten (10) days of response opening. Contact the Purchasing and Contracts Office during regular business hours to inspect responses and the completed tabulation or, for inspection of the completed tabulation, go to <http://vcservices.vcgov.org/bidlistnet1/>. The foregoing notwithstanding, if, prior to the County’s making responses available for inspection, the County rejects all responses and concurrently provides notice of the County’s intent to reissue the solicitation, then the County may avail itself of the exemption for rejected responses set forth in Section

119.071(1)(b)1.b, Florida Statutes, to the extent such section may apply.

- B. In accordance with the Americans with Disabilities Act and Section 286.26, Florida Statutes, persons with disabilities and who need special accommodations to participate in the proceedings should contact the Volusia County Purchasing and Contracts Office in DeLand with a written request at least two (2) business days prior to the meeting date. Facsimiles are acceptable and may be sent to 386-736-5972.

**AWARD**

The County reserves the right to award the contract to the respondent(s) that the County deems to offer the most responsive and responsible proposal(s), as defined elsewhere in this solicitation. The County is therefore not bound to accept a proposal based only on lowest price. In addition, the County has the sole discretion and reserves the right to cancel this RSQ, to reject any/all proposals, to waive any/all informalities and/or irregularities, or to re-advertise with either the identical or revised specifications, if it is deemed to be in the best interest of the County to do so. Nothing prohibits the County from rejected/rebidding when responses exceed budget and the County must change the solicitation to lower costs. The County also reserves the right to make multiple awards based on experience and qualifications or to award only a portion of the items and/or services specified, if deemed to be in the County's best interest.

**EXPENSES INCURRED**

This invitation does not commit the County to award a contract, nor shall the County be responsible for any cost or expense incurred by any respondent in preparing and submitting a reply, nor for any cost or expense incurred by any respondent prior to the execution of a contract agreement. The County reserves the right to require any or all respondents to appear for interviews and/or oral presentations at no cost to the County.

**AMERICANS WITH DISABILITIES ACT**

In accordance with the Americans with Disabilities Act and Section 286.26, Florida Statutes, persons with disabilities needing special accommodations to participate in the proceedings should contact the Volusia County Purchasing and Contracts Office with a written request at least two (2) business days prior to the meeting date. Facsimiles are acceptable and may be sent to 386-736-5972.

**WAIVER**

The County of Volusia reserves the right to reject any or all proposals, to waive informalities and to accept all or any part of any proposal as may be deemed to be in the best interest of the County.

**CONTRACT**

- A. The contents of this RSQ and all provisions of the successful proposal deemed pertinent by the County shall be, at the sole discretion of the County, incorporated into a separate contract and become legally binding on the selected proposer. Content of the contract may contain changes as a result of the RSQ process and submittal received. The contract shall include, at minimum, the terms and conditions as outlined in RSQ and subject to review by the County attorney or designee for determination of legal form and substantive sufficiency prior to approval and execution and contain additional terms and conditions that the County deems in its best interest.
- B. The Director of Purchasing and Contracts, County Manager and County Chair are the sole contracting officers of contract and they or their designees are authorized to make contract changes.
- C. County of Volusia shall not be responsible for any order, change substitution or any other discrepancy from the contract, without an amendment to the contract.

**INSURANCE REQUIREMENTS**

- A. General Insurance Requirements:
  - 1. The Contractor shall purchase and maintain, at its own expense, during the term of this Contract the following types and amounts of insurance in the form and from companies satisfactory to the County.
  - 2. All insurance policies shall be issued by insurers licensed and/or duly authorized under Florida Law to do business in the State of Florida and all insuring companies are required to have a minimum rating of A- in the "Best Key Rating Guide" published by A.M. Best & Company, Inc.
  - 3. Approval by County of any policy of insurance shall not relieve Contractor or its subcontractors from their responsibility to maintain the insurance coverage required herein for the entire term of the resulting Contract and for such longer periods of time as may be required under other clauses of the resulting Contract.
  - 4. Property Insurance Loss Adjustment. Any insured property loss shall be adjusted with the County and the Contractor and made payable to the County and the Contractor as their interests may appear in regard to any personal or real property or improvements covered by any of the types of insurance required under this Contract.
  - 5. County Not Liable for Paying Deductibles. For all insurance required by Contractor, the County shall not be responsible or liable for paying deductibles or increase for any claim arising out of or related to the Contractor's business or any subcontractor performing Work or Services on behalf of the Contractor or for the Contractor's benefit under this Contract.

6. The Contractor agrees that the County shall make no payments pursuant to the terms of the Contract until all required proof or evidence of insurance has been provided to the County. Contractor also agrees that the insurer shall waive its rights of subrogation, if any, against the County.
7. During the term of the resulting Contract, Contractor shall be responsible for promptly advising and providing the County's Risk Management and the Purchasing and Contracts departments with copies of notices of cancellation or any other changes in the terms and conditions of the original insurance policies approved by the County under the resulting Contract within two (2) calendar days of receipt of such notice or change.

B. Proof of Insurance

1. The Contractor shall furnish proof of insurance acceptable to the County prior to or at the time of execution of the resulting Contract and the Contractor shall not commence work or provide any service until the Contractor has obtained all the insurance required under this solicitation and such insurance has been filed with and approved by the County. Upon request from the County, the Contractor shall furnish copies of the following types of insurance or policies and any changes or amendments thereto, immediately, to the County and County's Risk Management and Purchasing and Contracts Divisions, prior to the commencement of any contractual obligations. The resulting Contract may be terminated by the County, without penalty or expense, if at any time during the term of the resulting Contract proof of any insurance required hereunder is not provided to the County. During the term of the resulting Contract, the Contractor shall also be responsible for providing the County with copies of notices of cancellation or any other changes in the terms and conditions of the original insurance policies approved by the County.
2. The Contractor and its subcontractors shall be required to furnish evidence of all required insurance in the form of certificates of insurance, which shall clearly outline all hazards covered as itemized herein, the amounts of insurance applicable to each hazard and the expiration dates.
3. Should the County find it necessary to require copies of the underlying policies, the Contractor shall provide them promptly for the County's review and confirmation of compliance. At the County's request, the Contractor shall furnish to the County certificates of insurance evidencing the coverages required hereunder. The certificates shall clearly indicate that the Contractor has obtained insurance of the type, amount, and classification required by these provisions. The Contractor shall file replacement certificates at the time of expiration or termination of the required insurance occurring during the term of the resulting Contract. In the event such insurance lapses, the County expressly reserves the right to renew the insurance at the Contractor's expense or terminate the resulting Contract.

- C. Waiver of Subrogation. The County and the Contractor hereby waive all rights against each other, their subcontractors for damages by reason of any claim, demand, suit, or settlement (including worker's compensation) for any claim for injuries or illness of anyone, or perils

arising out of the resulting Contract which is covered by any insurance policy required thereunder. The Contractor shall require similar waivers from all its subcontractors.

D. Required Types of Insurance.

1. Workers' Compensation Insurance. Workers' Compensation insurance is required for all employees of the Contractor, employed or hired to perform or provide work or services under the resulting Contract or that is in any way connected with work or services performed under the resulting Contract and shall comply fully with the Florida Workers' Compensation Law (Chapter 440, Florida Statutes, Workers' Compensation Insurance) and include Employers' Liability Insurance with limits of not less than FIVE HUNDRED THOUSAND DOLLARS (\$500,000) per occurrence.
  - a. Contractor and its subcontractors, sub-subcontractors or any associated or subsidiary company doing work on County property or under this Contract must be named in the Workers' Compensation coverage or provide proof of their own Workers' Compensation coverage, without exclusion of any class of employee, and with a minimum of FIVE HUNDRED THOUSAND DOLLARS (\$500,000.00) per occurrence for Employer's liability coverage. Further, if the Contractor's subcontractors or sub-subcontractors fail to obtain Worker's Compensation insurance and a claim is made against the County by the uncovered employee of said subcontractor or sub-subcontractors of the Contractor, the Contractor shall indemnify and defend the County from all claims for all costs including attorney's fees and costs arising under said employees Worker's Compensation insurance claim(s).
2. Commercial General Liability Insurance. Commercial General Liability insurance, with a combined single limit of not less than ONE MILLION DOLLARS (\$1,000,000) and if the insurance is provided with a general aggregate, the aggregate limit shall be not less than TWO MILLION DOLLARS (\$2,000,000) combined single limit commercial general liability insurance on an occurrence basis (including coverage for the Contractor's operations), independent contractors, subcontractors and "broad form" property damage coverages) protecting itself, its employees, agents, contractors or subsidiaries, and their employees or agents for claims for damages caused by bodily injury, property damage or personal injury including what is commonly known as groups A, B, and C (libel, false arrest, slander). Such policies shall include coverage for claims by any person as a result of actions directly or indirectly related to the employment of such person or entity by the Contractor or by any of its subcontractors doing work in connection with work or services performed under the resulting Contract. Public liability coverage shall include either blanket contractual insurance or a designated contract contractual liability coverage endorsement, indicating expressly the Contractor's contract to hold the County harmless as provided in resulting Contract. The County shall be named as an additional named insured for the aforementioned coverage (General Liability). Property damage liability coverage shall provide "X", "C," or "U" coverage as applicable.

- a. Deductibles. Contractor shall not obtain Commercial General Liability insurance required with a deductible greater than FIVE THOUSAND DOLLARS (\$5,000.00) for the term of the resulting Contract.
3. Motor Vehicle Liability. The Contractor shall secure and maintain during the term of the resulting Contract motor vehicle coverage in the split limit amounts of no less than ONE HUNDRED THOUSAND DOLLARS (\$100,000.00) per person / THREE HUNDRED THOUSAND DOLLARS (\$300,000.00) per occurrence for bodily injury and ONE HUNDRED THOUSAND DOLLARS (\$100,000.00) for property damage or a combined single limit of THREE HUNDRED THOUSAND DOLLARS (\$300,000.00) (including "Any Auto" coverage which includes automobiles, whether owned, non-owned, or hired), protecting itself, its employees, agents, lessees or subsidiaries and their employees or agents, against claims for damages caused by bodily injury or property damage arising from the ownership, maintenance, or use of a motor vehicle.
4. Professional Liability. If professional services are to be provided by the Contractor to perform work or services under the resulting Contract, the Contractor shall ensure that the Contractor or the Contractor's subcontractor secures and maintains, during the term of the resulting Contract, Professional Liability insurance coverage with minimum limits of ONE MILLION DOLLARS (\$1,000,000.00). Such policy shall cover all of the Contractor's or subcontractor's professional liabilities whether occasioned by the Contractor or its subcontractors, or their agents or employees. If the Contractor or its subcontractor fail to secure and maintain the professional liability insurance coverage required herein, the Contractor shall be obligated to obtain and maintain said insurance as stated in this paragraph, and shall be liable to the County and agrees to indemnify the County and defend the County against all claims, actions, losses or damages covered by such insurance. It is the Contractor's responsibility to verify and cause its subcontractors to maintain this coverage in strict accordance with the stipulations of the resulting Contract. For policies written on a "Claims-Made" basis the Contractor or its subcontractors agree to maintain a retroactive date prior to or equal to the effective date of the resulting Contract and Contractor agrees to require any subcontractors to maintain insurance coverage for a period not less than three (3) years after the completion of term of the resulting Contract. The Contractor shall require its subcontractors to purchase a Supplemental Extended Reporting Period ("SERP") with a minimum reporting period of not less than three (3) years in the event a subcontractor's policy is canceled, not renewed, switched to occurrence form, or any other event which triggers the right to purchase the SERP during the life of the resulting Contract. The Contractor's or subcontractor's purchase of the SERP shall not relieve the Contractor or its subcontractors of the obligation to provide replacement coverage. In addition, the Contractor shall require its subcontractors to have the subcontractor's carrier immediately inform the Contractor, and the County of Volusia's Risk Management Division and the Purchasing and Contracts Division of any contractual obligations that may alter its professional liability coverage under the resulting Contract.

**E-VERIFY**

The Agreement shall make provision for the Contractor warrant that it has duly enrolled in the E-Verify system of the U.S. Department of Homeland Security (“E-Verify system”) and is party to a memorandum of understanding authorizing use of that system upon written demand of the County and comply with the following provisions of this paragraph. The Contractor shall utilize the E-Verify system, in accordance with the terms governing use of the system, to confirm the eligibility of all persons, including subcontractors, assigned by the Contractor to perform all work pursuant to the Agreement. Further, the Contractor shall take all additional necessary steps identified and required in writing by the County for the Contractor or County to remain compliant with Executive Order 11-02 (“Executive Order”) dated January 4, 2011, for the term of this Agreement and any amendments thereto. The Contractor shall certify by notarized affidavit to the County Project Manager on the first day of each month following the effective date of this section that the Contractor remains in compliance with this section and the Executive Order. The Contractor shall covenant and agree that if it is found in violation of this section or the Executive Order, such violation shall be a material breach of the Agreement and Contractor shall indemnify, defend and hold harmless the County from any fines or penalties levied by a government agency, including the loss or repayment of grant funds by the County.

**LIMITATION OF LIABILITY AND INDEMNIFICATION OF COUNTY**

- A. Contractor shall, at its own expense, indemnify and defend, hold harmless County and its public officials (elected and appointed), successors and successors in interest, officers, agents, attorneys, and employees from and against all claims of every kind and nature (including losses incurred or suffered in consequences either of bodily injury to any person or damage to property), damages, losses and expenses including reasonable attorney’s fees caused by the negligence, recklessness, or intentionally wrongful conduct of the Contractor and its Subcontractors or agents performing Work or Services under the resulting Contract, caused in whole or in part by any negligent act or omission of Contractor, any of Contractor’s Subcontractors or Sub-subcontractors, anyone employed by any of them or anyone for whose acts any of them may be liable, regardless of whether it is caused in part by a party indemnified under this Section, Limitation of Liability and Indemnification of County. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in the resulting Contract.
- B. In all claims against the County, or any of its public officials (elected and appointed), successors and successors in interest, officers, agents, attorneys, and employees by any employee of Contractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, no indemnification obligation shall be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for Contractor, or any Subcontractor or Sub-subcontractor under Florida’s Workers’ Compensation acts, disability benefit acts, or other employee benefit acts.
- C. Contractor’s indemnification obligations under this Section, Limitation of Liability and Indemnification of County, are subject to County or the indemnified party giving Contractor (a) prompt written notice of any Indemnifiable Claim; (b) reasonable assistance in Contractor’s defense of the Indemnifiable Claim; and (c) sole authority to defend or settle

the Indemnifiable Claim, provided that County or the indemnified party shall have the right to approve any settlement of an indemnifiable claim to the extent such settlement imposes any obligations on County or the indemnified party. County, or the indemnified party, may retain its own legal counsel at its own expense to monitor such litigation.

- D. Sovereign Immunity.** The County expressly retains all rights, benefits and immunities of sovereign immunity in accordance with Section 768.28, Florida Statutes. Notwithstanding anything set forth in any section of the Contract to the contrary, nothing in the Contract shall be deemed as a waiver of immunity or limits of liability of the County beyond any statutory limited waiver of immunity or limits of liability which may have been adopted by the Florida Legislature or may be adopted by the Florida Legislature and the cap on the amount and liability of the County for damages regardless of the number or nature of claims in tort, equity or contract shall not exceed the dollar amount set by the legislature for tort. Nothing in the Contract shall inure to the benefit of any third party for the purpose of allowing any claim against the County, which would otherwise be barred under the Doctrine of Sovereign Immunity or operation of law.
- E.** If either party should become entitled to claim damages against the other party for breach of contract arising from the Contract, the party in breach shall be liable only for the amount of actual direct damages up to a maximum amount equal to the sums paid or payable under the Contract.
- F.** In no event shall either party be liable to the other for any incidental, indirect, special, punitive or consequential damages even if the party knew or should have known about the possibility of such damages for any provision of the Contract.

### **TERMINATION**

- A.** The resulting Contract may be terminated by (a) either party upon the material breach by the other party if such breach is not cured within thirty (30) days written notice from the nonbreaching party, or (b) by County upon at least thirty (30) calendar days, prior written notice to Contractor whenever the County shall determine that such termination is in the best interest of the County.
- B.** County may terminate the resulting Contract for convenience or non-appropriation upon at least thirty (30) calendar days' prior written notice to Contractor.
- C.** The Respondent may cancel the resulting contract with 180 (one-hundred eighty) days written notice to the Director of Purchasing and Contracts. Failure to provide proper notice to the County may result in the Bidder being barred from future business with the County.
- D.** After Contractor's receipt of a notice of termination pursuant to Paragraph A above (or to the extent Contractor has not cured a material breach within 30 days notice from County), and except as otherwise directed by the County, the Contractor shall:
1. Stop work under the Contract or applicable statement of work on the date specified in the notice of termination.

2. Place no further orders or subcontracts for materials, services or facilities.
  3. Terminate all orders and subcontracts to the extent that they relate to the performance of work or Services terminated by the Notice of Termination.
  4. With the approval of the County and to the extent required by the County, settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts. County's approval of such settlements shall be final for all the purposes of this Section, Termination.
- E. After receipt of a notice of termination, the Contractor shall submit to the County its termination claim for amounts owed by County (which shall include without limitation all amounts due for work or Services performed through the date of termination), in the form and with a certification as prescribed by the County. Such claim shall be submitted promptly but in no event later than thirty (30) days from the effective date of termination, unless one or more extensions in writing are granted by the County, upon request of the Contractor made in writing within such thirty (30) days period or authorized extension thereof. Upon failure of the Contractor to submit its termination claim within the time allowed, the County may determine on the basis of information available to it, the amount, if any, due to the Contractor by reason of the termination and shall thereupon pay to the Contractor the amount so determined. In the event County terminates for convenience or nonappropriation, Contractor shall not be obligated to refund to County any prepaid fees.
- F. **Non-Appropriation.** The resulting Contract may be terminated by the County or Contractor if the County does not appropriate the funding in any fiscal year necessary to pay the compensation set forth in the Article entitled Compensation in the resulting contract.
- G. In the event that the resulting Contract is terminated by the County or Contractor for non-appropriation, Contractor shall be paid in accordance with terms of the Article entitled Compensation in the resulting Contract. Contractor shall be paid (a) to the date of termination on a prorated basis for any task and Deliverable designated for payment on the Payment Milestone Schedule that was started but not completed and/or (b) for any work or Deliverable that has been completed but not yet been paid. County's obligation to pay Contractor under this Section, Termination, and the resulting Contract is limited to the budgeted amount for the fiscal year approved by the Volusia County Council for the then current fiscal year of the resulting Contract. Contractor shall have no right to compel the Volusia County Council to appropriate funds for any fiscal year to pay the compensation.
- H. Upon being notified of County's election to terminate for default of Contractor, non-appropriation or convenience, Contractor and its Subcontractors shall refrain from performing further work or incurring additional expenses under the terms of the resulting Contract which is not specifically authorized in the Notice of Termination.
- I. If termination of the resulting Contract occurs for any reason:
1. Except as otherwise provided in the resulting Contract, Contractor shall return to the County, or destroy, all County confidential information in Contractor's possession and shall certify the destruction or return of said information in a written document

signed by the duly authorized representative of the Contractor that all such information has been destroyed or returned, provided that Contractor shall be permitted to retain an archival copy of any such confidential information (provided it continues to maintain the confidentiality of such as prescribed herein) to the extent necessary to have a record of the Service performed hereunder.

2. For all undisputed outstanding invoices submitted to the County for Work completed or Deliverables delivered prior to the effective date of the termination, the County shall cause payments to be made to Contractor within forty-five (45) days of receipt of invoice. Contractor shall invoice the County for any sums Contractor claims to be owed by County under the resulting Contract for work performed from the last invoice to the effective date of termination. County shall review such invoice for payment within fifteen (15) days of receipt and County shall pay any undisputed amount within forty-five (45), subject to the Article entitled Compensation in the resulting contract. Any disputed amounts on any invoices shall be subject to the dispute resolution process set forth in the Article entitled Dispute Resolution in the resulting contract.

- J. In the event of termination by the County for non-appropriation, for all items or products ordered by Contractor before receipt by Contractor of the Notice of Termination which Contractor could not cancel without imposition of a fee, the County shall cause payments to be made to Contractor within forty-five (45) days of receipt of an undisputed invoice for all cancellation, restocking or residual fees resulting from the cancellation or return of Third Party Products ordered from or shipped by the vendor thereof prior to the effective date of the termination.

### **CONFLICT OF INTEREST FORMS**

All respondents shall complete and have notarized the attached disclosure form of any potential conflict of interest that the respondent may have due to ownership, other clients, contracts, or interest associated with this project.

### **DELIVERY OF PROPOSALS**

Firms interested in providing the required professional services shall submit TEN (10) complete sets of the proposals:

- **One (1)** hard copy marked "ORIGINAL"
- **Eight (8)** hard copies marked "COPY"
- **One (1)** COMPLETE electronic copy on a CD in PDF format (Excel spreadsheets shall not be recorded in PDF).

Note the solicitation number and name of company on the disk.

Do not send confidential information, proprietary information, or trade secrets.

Failure to provide the required copies and information may result in the proposal not being considered. Submittals shall be clear, concise, indexed by subject, typed on letter size paper, and individually bound. Submittals shall be mailed or delivered in a sealed package clearly marked on

the outside with the project name, invitation number, and due date. Packages shall be received in the Volusia County Purchasing Office by the advertised deadline.

## DO NOT RESPOND TO THIS SOLICITATION ON LINE

### QUESTIONS/EXCEPTIONS RE: RSQ #11-SQ-114BB

- A. It is incumbent upon each respondent to carefully examine this solicitation's specifications, scope of work/service, terms, and conditions. Questions and exceptions concerning any section of this RSQ shall be directed by letter, facsimile transmission or by e-mail to the Procurement Analyst named below, who shall be the official point of contact for this RSQ. Questions and exceptions shall be submitted no later than fourteen (14) days before the closing date. Thereafter, no further questions or exceptions will be accepted or reviewed by the County and respondents' right to submit questions or exceptions will terminate and any questions or exceptions not previously made shall be deemed waived. The issuance of a written addendum is the only official method by which interpretation, clarification, or additional information can be given and oral representations will not be binding on the County.
- B. Mark cover page or envelope(s) **"Questions/Exceptions re: 11-SQ-114BB, Disaster Cost Recovery and Related Grant Project Management for the Finance Division of the County of Volusia"**

Submit questions to:

Becki Bishop, Procurement Manager  
 Telephone: .....386-822-5764  
 Fax: .....386-736-5972  
 E-mail:.....[rbishop@co.volusia.fl.us](mailto:rbishop@co.volusia.fl.us)

- C. If it becomes necessary for the County to revise any part of this RSQ, an addendum will be posted on the County's web site. **It is each respondent's responsibility to check the Volusia County web site at <http://vcservices.vcgov.org/bidlistnet1> for any addenda. Each respondent should ensure that they have received all addenda to this RSQ before submitting their proposal.** In their proposals, respondents must provide proof of receipt of each addendum by signing each addendum and returning each addendum to the County. Failure to provide this proof may cause Respondent's proposal to be rendered non-responsive.
- D. Each addendum issued by the County shall become a material part of this solicitation. The resulting contract shall be the final decision on the subject of the addendum.

**EVALUATION CRITERIA** Each proposal shall be evaluated using the following criteria:

- A. Proper submittal of **ALL** documentation as required by this proposal.
- B. The greatest benefits to Volusia County as it pertains to:

1. Qualifications of the firm and the employees that will be assigned to the County;
2. Resources of the firm;
3. Experience in providing similar services / references, including timeliness of performance;
4. Cost;
5. Overall project methodology/approach to support the needs and objectives of the project;
6. Financial stability of the firm.

**PROPOSAL ACCEPTANCE PERIOD**

Any proposal in response to this RSQ shall be valid for nine (9) months from the closing date. At the end of this time the proposal may be withdrawn at the written request of the respondent if no award has been made. If the proposal is not withdrawn at that time it remains in effect until an award is made or the RSQ is canceled regardless of the status of the Proposal Bond. The County reserves the right to request an extension of the proposals if the contract has not been negotiated within nine (9) months from the closing date.

**ASSIGNMENT**

The awarded respondent shall not assign, transfer, convey, sublet, or otherwise dispose of any award or of any of its rights, title, or interests therein, without the prior written consent of the County of Volusia, Director of Purchasing and Contracts. Any assignment of an award or contract without the consent and approval of the County Council of the County of Volusia shall be voidable by the County.

**DISCLOSURE OF PROPOSAL CONTENT**

- A. All material submitted becomes the property of the County and may be returned only at the County's option. The County has the right to use any or all ideas presented in any reply to this RSQ. Selection or rejection of any Proposal Submittal does not affect this right.
- B. The County of Volusia, Florida, is governed by the Public Record Law, Chapter 119, Florida Statutes (F.S.).

## **SUBMITTAL REQUIREMENTS**

Proposals shall include all of the information solicited in this RSQ, and any additional data that the respondent deems pertinent to the understanding and evaluating of the proposal. Proposals shall be organized and sections tabbed in the following order. The respondent should not withhold any information from the written response in anticipation of presenting the information orally or in a demonstration, since oral presentations or demonstrations may not be solicited. All proposals shall include at minimum:

### **Tab 1. Qualification Data**

- A. Submittal Letter signed by authorized agent of the firm with **documentation**, such as a Memorandum of Authority, that this individual is authorized to commit the firm to a contract. Clearly state the name, title and contact information for the individual designated by the firm as contact point for any requests for additional information required by County.
- B. A brief profile of the firm, including:
  - 1. A brief history of the business, and;
  - 2. Organizational structure of business, and;
  - 3. Ownership interests, and;
  - 4. Active business venues (counties, states, etc.), and;
  - 5. The overall qualifications of the business to provide the services requested, and;
  - 6. The qualifications of the firm's employees who will work on this contract, and;
  - 7. Documentation from the appropriate state's agency confirming firm's legal entity type (i.e., Sole Proprietorship, Partnership, Limited Liability Partnership, Corporation, Limited Liability Corporation, etc.). For non-Florida businesses submit documentation from the state in which the business was formed and documentation from the State of Florida providing authorization to perform business in the state of Florida. Provide a Florida Department of State, Division of Corporations' Sunbiz report available at [www.sunbiz.org](http://www.sunbiz.org); and

### **Tab 2. Methodology / Project Plan**

Present a summary of the methodology or Project Plan the firm proposes to use to accomplish the services described.

### **Tab 3. Insurance**

Attach evidence of required insurance coverage or proof of insurability in the amounts indicated. If available, a properly completed ACORD Form is preferable. **Final forms must contain the correct solicitation and/or project number and name of Volusia**

**County's contact person.**

Firms that have owner/operators that have filed a "Notice of Election to be Exempt" shall submit a copy with the proposal. Respondent shall certify number of employees if sole proprietor.

**Tab 4. Cost Proposal**

Each vendor will provide an hourly cost schedule for personnel to be used to supply these services or describe the type of costing schedule normally used in these types of projects.

**Tab 5. Conflict of Interest Disclosure Form** (use attached forms)

All Respondents shall properly complete, have notarized and attach with their proposal the attached notarized disclosure statement of any potential conflict of interest that the Respondent may have due to ownership, other clients, contracts or interests associated with this project.

**Tab 6. Business Tax Receipt (BTR)**

To be responsive to this solicitation, each Respondent who is currently required to have a Business Tax Receipt (BTR) at the time of submittal shall provide a copy of their current BTR in their **response** to this solicitation.

There are two exceptions to this bid submission requirement:

- A. If Respondent's business does not have a physical location in Volusia County, no submission is required, *or*
- B. If Respondent's business type is exempted, submit a Proof of Exemption approved by the Volusia County Revenue Director (see Exhibit X).

See <http://www.municode.com/resources/gateway.asp?pid=11665&sid=9> for Ch. 114, Article I, Sect. 114-1 of the Volusia County Code of Ordinances.

**Tab 7. References**

Provide three (3) references of the same or similar magnitude to this solicitation request, including company name, contract person, phone number and e-mail address. Provide a short description of each project, to include the name of the project, location, type and value. The County may not be utilized as a reference.

The firm shall provide examples of similar projects which best illustrates the proposed team's qualification for the scope of services. Firm shall state the title; location; owner name, address, telephone number and e-mail; years completed; project cost; brief description of project and relevance to this RSQ including the role of the proposed team.

**Tab 8. Addenda**

Any addenda issued subsequent to the release of this solicitation must be signed and returned with the firm's proposal. **Failure to return signed addenda may be cause for the proposal to be considered non-responsive.**

**Tab 9. Completed Taxpayer Identification Number (TIN) form.**

Include a completed TIN form. If the firm is not registered with Volusia County, on-line registration is available at [www.volusia.org/purchasing](http://www.volusia.org/purchasing) under Vendor Self Service, which links to the registration site and the TIN form can be accessed through this site as well.

**Tab 10. Other Information**

Provide any information that will provide insight to the evaluation committee, fitness and attributes of the Respondent. This information should be succinct.

**Tab 11. Financial Stability**

Respondent shall provide a statement certifying that they are financially stable and have the necessary resources, personnel and financial resources, to provide the services at the level required by the County of Volusia. Respondent shall list any lawsuits in which the team (firm & sub-consultants) are involved relative to the services performed or failed to perform over the last five (5) years. The respondent shall also list any work that their team failed to complete in the last five (5) years and describe the *when, where, how, and why* of such failure, including listing any officer or partner of their team who in the last five (5) years failed to complete a contract handled in his/her name and provide the reasons.

All respondents shall be prepared to supply a financial statement upon request, preferably a certified audit, but a third party prepared financial statement and the latest D & B report will be accepted.

The County of Volusia reserves the right to reject any or all proposals, to waive informalities, and to accept all or any part of any proposal as they may deem to be in the best interest of the County.

I hereby certify that I have read and understand the requirements of this Solicitation No. **11-SQ-114BB, "Disaster Cost Recovery and Related Grant Project Management for the Finance Division of the County of Volusia "**, and that I, as the Respondent, will comply with all requirements, and that I am duly authorized to execute this proposal/offer document and any contract(s) and/or other transactions required by award of this RSQ.

Further, as attested to by below signature, I will provide the required insurance, per *Insurance Requirements* section above, upon notification of recommendation of award.

---

The vendor acknowledges that information provided in this bid is true and correct:

✕

---

Authorized Signature

---

Printed Name

---

Title Date

---

Company Name

---

Full Address

---

Telephone Fax E-mail Address

---

Dunn & Bradstreet # Federal I.D. #

---

CONFLICT OF INTEREST

I HEREBY CERTIFY that

1. I, (printed name) \_\_\_\_\_, am the  
(title) \_\_\_\_\_ and the duly authorized representative  
of the firm of (Firm Name) \_\_\_\_\_ whose address  
is \_\_\_\_\_, and that I possess the  
legal authority to make this affidavit on behalf of myself and the firm for which I am acting;  
and,
2. Except as listed below, no employee, officer, or agent of the firm have any conflicts of  
interest, real or apparent, due to ownership, other clients, contracts, or interests associated  
with this project; and,
3. This Bid Submittal is made without prior understanding, agreement, or connection with any  
corporation, firm, or person submitting a bid for the same services, and is in all respects fair  
and without collusion or fraud.

EXCEPTIONS to items above (List): \_\_\_\_\_

\_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Firm Name: \_\_\_\_\_

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

Sworn to and subscribed before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by  
\_\_\_\_\_, who is/are personally known to me or who  
has/have produced \_\_\_\_\_ as identification.

\_\_\_\_\_  
NOTARY PUBLIC – STATE OF \_\_\_\_\_

Type or print name:

\_\_\_\_\_  
Commission No.: \_\_\_\_\_

Commission Expires: \_\_\_\_\_

(Seal)



**Notification Regarding Public Entity Crime and Discriminatory  
Vendor List Requirements and Disqualification Provision**

A. Pursuant to Florida Statutory requirements, potential Respondents are notified:

*287.133(2)(a)* A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

*287.133(2)(b)* A public entity may not accept any bid, proposal, or reply from, award any contract to, or transact any business in excess of the threshold amount provided in s. 287.017 for CATEGORY TWO with any person or affiliate on the convicted vendor list for a period of 36 months following the date that person or affiliate was placed on the convicted vendor list unless that person or affiliate has been removed from the list pursuant to paragraph (3)(f). A public entity that was transacting business with a person at the time of the commission of a public entity crime resulting in that person being placed on the convicted vendor list may not accept any bid, proposal, or reply from, award any contract to, or transact any business with any other person who is under the same, or substantially the same, control as the person whose name appears on the convicted vendor list so long as that person's name appears on the convicted vendor list.

*287.134(2)(a)* An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.

*287.134(2)(b)* A public entity may not accept any bid, proposals, or replies from, award any contract to, or transact any business with any entity or affiliate on the discriminatory vendor list for a period of 36 months following the date that entity or affiliate was placed on the discriminatory vendor list unless that entity or affiliate has been removed from the list pursuant to paragraph (3)(f). A public entity that was transacting business with an entity at the time of the discrimination resulting in that entity being placed on the discriminatory vendor list may not accept any bid, proposal, or reply from, award any contract to, or transact any business with any other entity who is under the same, or substantially the same, control as the entity whose name appears on the discriminatory vendor list so long as that entity's name appears on the discriminatory vendor list.

B. By submitting a proposal, the Respondent represents and warrants that the submission of its proposal does not violate Section 287.133, Florida Statutes (2005), nor Section 287.134, Florida Statutes (2005).

C. In addition to the foregoing, the Respondent represents and warrants that Respondent, Respondent's subcontractors and Respondent's implementer, if any, is not under investigation for violation of such statutes.

D. Respondent should read carefully all provisions of 287.133 and 287.134, Florida Statutes (2005).

**PROOF OF EXEMPTION**



**FINANCIAL AND ADMINISTRATIVE SERVICES**

**REVENUE DIVISION**

123 W. INDIANA AVE. • ROOM 103 • DELAND, FL 32720-4602

PHONE: 386-736-5938 • FAX: 386-822-572

<http://volusia.org/revenue/>

I certify that the business known as (*business name*) \_\_\_\_\_,  
providing \_\_\_\_\_ services, which is located at (*street address*) \_\_\_\_\_  
\_\_\_\_\_, (*city*) \_\_\_\_\_, falls under the business tax exemption described in:

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Florida Statute 205. 063 | <input type="checkbox"/> Florida Statute 205. 065 | <input type="checkbox"/> Florida Statute 205. 191 |
| <input type="checkbox"/> Florida Statute 205. 064 | <input type="checkbox"/> Florida Statute 205. 162 | <input type="checkbox"/> Florida Statute 205. 192 |
|   | <input type="checkbox"/> Florida Statute 205. 171 |   |

[www.flsenate.gov/Statutes/index.cfm?App\\_mode=Display\\_Statute&URL=Ch0205/ch0205.htm](http://www.flsenate.gov/Statutes/index.cfm?App_mode=Display_Statute&URL=Ch0205/ch0205.htm)

**OR** is the type of business indicated below:

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Child Care – Residential   | <input type="checkbox"/> Insurance Adjuster,<br>Agent, or Company         | <input type="checkbox"/> Radio/Television Station         |
| <input type="checkbox"/> Commercial Rentals         | <input type="checkbox"/> Pharmacist/Pharmacy<br>(Prescription Drugs Only) | <input type="checkbox"/> Religious Institution            |
| <input type="checkbox"/> Door to Door/Peddler Sales |   | <input type="checkbox"/> Residential Rentals over 6months |
|   |   | <input type="checkbox"/> Sale of Alcoholic Products only  |

\_\_\_\_\_  
(Authorized Signature)

\_\_\_\_\_  
(Printed Name)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by  
\_\_\_\_\_, who is/are personally known to me or who  
has/have produced \_\_\_\_\_ as identification.

\_\_\_\_\_  
NOTARY PUBLIC – STATE OF \_\_\_\_\_

Type or print name:

\_\_\_\_\_  
Commission No.: \_\_\_\_\_

\_\_\_\_\_  
Commission Expires: \_\_\_\_\_

(Seal)

A business that falls under one of the exempt classifications listed above is not required to have a Volusia County Business Tax Receipt.

\_\_\_\_\_  
Margaret Flomerfelt, Revenue Director



**FINANCIAL AND ADMINISTRATIVE SERVICES**  
**Purchasing and Contracts**

123 West Indiana Avenue • Room 304 • DeLand, FL 32720-4608  
(386) 626-6623 • Fax (386) 736-5972  
e-mail: [purchasing@co.volusia.fl.us](mailto:purchasing@co.volusia.fl.us)  
[www.volusia.org](http://www.volusia.org)

June 10, 2011

**Subject: ADDENDUM NO. 1, to RSQ No. 11-SQ-114BB, "Disaster Cost Recovery & Related Grant and Project Management For The Finance Division Of The County Of Volusia"**

**This Addendum is being issued to clarify questions and make changes to the RSQ. This document and all changes, as listed below, shall become an integral part of the RSQ and shall take precedence over what was previously stated in the original RSQ.**

**Question:** Does the County have currently, or has the County recently had, a contract with another firm for these services? If so, what is the name of the firm/contractor?

**Answer:** Yes, the County currently has contracts with PBS&J and RW Block Consulting, Inc.

**Question:** Regarding Proposed Schedule, RFP Page 7 of 26, given that the contract would not go into effect until October 2011, how will the County address the need for similar services should they be needed during the 2011 hurricane season (or other declared emergencies)?

**Answer:** By using the current contracts which expire 10/04/11.

**Question:** RFP Page 1 of 26 states that "It is anticipated that one or two firm(s) shall be selected to provide the necessary services...". If more than one firm is selected, how will the County procure services (i.e., will one firm serve as the primary provider, will the two firms compete for task orders, etc?)

**Answer:** The first ranked firm is called and if they are unavailable then the second ranked firm is called.

**The Section entitled "Insurance Requirements" on Page 9 have been replaced with the requirements detailed below.**

## **INSURANCE REQUIREMENTS**

### **A. General Insurance Requirements:**

1. All insurance policies shall be issued by insurers licensed and/or duly authorized under Florida Law to do business in the State of Florida and all insuring companies are required to have a minimum rating of *A-* in the

- "Best Key Rating Guide" published by A.M. Best & Company, Inc.
2. Approval by County of any policy of insurance shall not relieve Contractor from its responsibility to maintain the insurance coverage required herein for the performance of Work or Services by the Contractor or its Subcontractors for the entire term of the resulting Contract and for such longer periods of time as may be required under other clauses of the resulting Contract.
  3. Waiver of Subrogation. The County and the Contractor hereby waive all rights against each other and their Subcontractors to the extent of the risk coverage by any insurance policy required hereunder for damages by reason of any claim, demand, suit or settlement (including workers' compensation) for any claim for injuries or illness of anyone, or perils arising out of the resulting Contract. The Contractor shall require similar waivers from all its Subcontractors. This provision applies to all policies of insurance required under the resulting Contract (including Workers' Compensation and general liability).
  4. County Not Liable for Paying Deductibles. For all insurance required by Contractor, the County shall not be responsible or liable for paying deductibles for any claim arising out of or related to the Contractor's business or any Subcontractor performing Work or Services on behalf of the Contractor or for the Contractor's benefit under the resulting Contract.
  5. Cancellation Notices. During the term of the resulting Contract, Contractor shall be responsible for promptly advising and providing the County's Risk Management and the Purchasing and Contracts divisions with copies of notices of cancellation or any other changes in the terms and conditions of the original insurance policies approved by the County under the resulting Contract within two (2) calendar days of receipt of such notice or change.
  6. For any on-site Work performed by or on behalf of Contractor on County property, the County shall be named as an additional insured or additional named insured subject to review and determination by County's Risk Manager on all policies required under the resulting Contract.
  7. Deductibles. For purposes of the resulting Contract, Contractor shall not obtain an insurance policy with a deductible or self-insurance provision.

**B. Proof of Insurance**

1. The Contractor and its Subcontractors shall be required to furnish evidence of all required insurance in the form of certificates of insurance, which shall clearly outline all hazards covered as itemized herein, the

amounts of insurance applicable to each hazard, and the expiration dates.

2. The Contractor shall furnish proof of insurance acceptable to the County prior to or at the time of execution of the resulting Contract and the Contractor shall not commence Work or provide any Service until the Contractor has obtained all the insurance required under the resulting Contract and such insurance has been filed with and approved by the County. Upon request from the County, the Contractor shall furnish copies of the following types of insurance policies and any changes or amendments thereto, immediately, to the County and County's Risk Management and Purchasing and Contracts Divisions, prior to the commencement of any contractual obligations. The resulting Contract may be terminated by the County, without penalty or expense to County, if at any time during the term of the resulting Contract proof of any insurance required hereunder is not provided to the County.
3. All certificates of insurance shall clearly indicate that the Contractor has obtained insurance of the type, amount and classification required by this Section entitled Insurance Requirements. No Work or Services by Contractor or its Subcontractors shall commence until County has approved these policies or certificates of insurance. Further, the Contractor agrees that the County shall make no payments pursuant to the terms of the resulting Contract until all required proof or evidence of insurance has been provided to the County. The resulting Contractor may be terminated by the County, without penalty or expense, if proof of any insurance required hereunder is not provided to the County.
4. The Contractor shall file replacement certificates with the County at the time of expiration or termination of the required insurance occurring during the term of the resulting Contract. In the event such insurance lapses, the County expressly reserves the right to renew the insurance policies at the Contractor's expense or terminate the resulting Contract but County has no obligation to renew any policies.

**C. Required Types of Insurance.**

The Contractor shall purchase and maintain, at its own expense, during the term of the resulting Contract the following types and amounts of insurance in the form and from companies satisfactory to the County.

1. Workers' Compensation Insurance. Workers' Compensation insurance is required for all employees of the Contractor employed or hired to perform or provide Work or Services under the resulting Contract or that are in any way connected with Work or Services performed under the resulting Contract, without exclusion for any class of employee, and shall comply fully with the Florida Workers' Compensation Law (Chapter 440, Florida

Statutes, Workers' Compensation Insurance) and include Employers' Liability Insurance with limits of not less than FIVE HUNDRED THOUSAND DOLLARS (\$500,000) per occurrence.

- a. Contractor and its Subcontractors, or any associated or subsidiary company doing Work on County property or under the resulting Contract must be named in the Workers' Compensation coverage or provide proof of their own Workers' Compensation coverage, without exclusion of any class of employee, and with a minimum of FIVE HUNDRED THOUSAND DOLLARS (\$500,000) per occurrence for Employer's liability coverage. Further, if the Contractor's Subcontractors fail to obtain Workers' Compensation insurance and a claim is made against the County by the uncovered employee of said Subcontractor of the Contractor, the Contractor shall indemnify, defend, and hold harmless the County from all claims for all costs including attorney's fees and costs arising under said employee(s) Workers' Compensation insurance claim(s).
2. Commercial General Liability Insurance. Commercial General Liability insurance, with a limit of not less than ONE MILLION DOLLARS (\$1,000,000) and the aggregate limit shall be not less than TWO MILLION DOLLARS (\$2,000,000) on an occurrence basis including coverage for the Contractor's operations, independent Contractors, Subcontractors and "broad form" property damage coverages protecting itself, its employees, agents, Contractors or subsidiaries and their employees or agents for claims for damages caused by bodily injury, property damage, or personal or advertising injury, products liability/completed operations including what is commonly known as groups A, B, and C (libel, false arrest, slander). Such policies shall include coverage for claims by any person as a result of actions directly or indirectly related to the employment of such person or entity by the Contractor or by any of its Subcontractors arising from Work or Services performed under the resulting Contract. Public liability coverage shall include either blanket contractual insurance or a designated contract contractual liability coverage endorsement, indicating expressly the Contractor's contract to indemnify, defend, and hold harmless the County as provided in the resulting Contract. The commercial general liability policy shall be endorsed to include the County as an additional insured unless the County's Risk Manager determines that it should be named as an additional named insured. The commercial general liability policy shall provide exclusive coverage for the location or project site where the Work or Services are to be performed under the resulting Contract. In the alternative, the commercial general liability policy shall be endorsed to provide the Designated Location(s) General Aggregate Limit Endorsement ISO form CG 25 04 05 09, or equivalent.

3. Motor Vehicle Liability. The Contractor shall secure and maintain during the term of the resulting Contract, motor vehicle coverage in the split limit amounts of no less than ONE HUNDRED THOUSAND DOLLARS (\$100,000) per person / THREE HUNDRED THOUSAND DOLLARS (\$300,000) per occurrence for bodily injury and ONE HUNDRED THOUSAND (\$100,000) for property damage or a combined single limit of THREE HUNDRED THOUSAND (\$300,000) (including “Any Auto” coverage which includes automobiles, whether owned, non-owned, or hired), protecting itself, its employees, agents, or lessees, or subsidiaries and their employees or agents against claims arising from the ownership, maintenance, or use of a motor vehicle.
4. Primary and Excess Coverage. Any insurance required may be provided by primary and excess insurance policies.
5. Professional Liability. The Contractor shall ensure that the Contractor or the Contractor’s Subcontractor secures and maintains, during the term of the resulting Contract, Professional Liability insurance with limits of not less than ONE MILLION DOLLARS (\$1,000,000). Such policy shall cover all of the Contractor’s or Subcontractor’s professional liabilities whether occasioned by the Contractor or its Subcontractors, or their agents or employees.
  - a. It is the Contractor's responsibility to verify and cause its Subcontractors to maintain this coverage in strict accordance with the stipulations of the resulting Contract. If the Contractor or its Subcontractor fails to secure and maintain the professional liability insurance coverage required herein, the Contractor shall be liable to the County and agrees to indemnify, defend, and hold harmless the County against all claims, actions, losses or damages that would have been covered by such insurance.
  - b. For policies written on a “Claims-Made” basis, the Contractor or its Subcontractors must maintain a retroactive date prior to or equal to the effective date of the resulting Contract. The Contractor shall require its Subcontractors to purchase a Supplemental Extended Reporting Period (“SERP”) with a minimum reporting period of not less than three (3) years in the event a Subcontractor’s policy is canceled, not renewed, switched to occurrence form, or any other event which requires a purchase of SERP to cover a gap in insurance for claims which may arise under or related to the resulting Contract. The Contractor’s or Subcontractor’s purchase of the SERP shall not relieve the Contractor or its Subcontractors of the obligation to provide replacement coverage. In addition, the Contractor shall require its Subcontractors to have the Subcontractor’s carrier immediately inform the Contractor, and the County of Volusia’s Risk Management

Division and the Purchasing and Contracts Division of any contractual obligations that may alter its professional liability coverage under the resulting Contract.

- D. The provisions of this Article shall survive the cancellation or termination of the resulting Contract.

Please sign and attach this addendum to your proposal submittal. If you have any questions regarding this information, please contact Becki Bishop, Procurement Manager, at 386-822-5764 or [rbishop@co.volusia.fl.us](mailto:rbishop@co.volusia.fl.us).

\_\_\_\_\_  
Rebecca F. Bishop, C.P.M.  
Procurement Manager

---

---

**Please sign and return with proposal**

Vendor: \_\_\_\_\_

Signed by (*Name/Position*): \_\_\_\_\_

Phone No.: \_\_\_\_\_ Date: \_\_\_\_\_

**FAILURE TO RETURN THIS ENTIRE ADDENDUM WITH THE BID SUBMITTAL  
MAY CAUSE THE PROPOSAL TO BE RENDERED **NON-RESPONSIVE**.**



**FINANCIAL AND ADMINISTRATIVE SERVICES**  
**Purchasing and Contracts**

123 West Indiana Avenue • Room 304 • DeLand, FL 32720-4608  
(386) 626-6623 • Fax (386) 736-5972  
e-mail: [purchasing@co.volusia.fl.us](mailto:purchasing@co.volusia.fl.us)  
[www.volusia.org](http://www.volusia.org)

June 17, 2011

**Subject: ADDENDUM NO. 2, to RSQ No. 11-SQ-114BB, "Disaster Cost Recovery & Related Grant and Project Management For The Finance Division Of The County Of Volusia"**

**This Addendum is being issued to clarify questions and make changes to the RSQ. This document and all changes, as listed below, shall become an integral part of the RSQ and shall take precedence over what was previously stated in the original RSQ and previous Addenda.**

**Question:** The RFP states - "To be responsive to this solicitation, each Respondent who is currently required to have a Business Tax Receipt (BTR) at the time of submittal shall provide a copy of their current BTR in their response to this solicitation."  
a. Overall question: what are the requirements for a business to obtain a BTR?  
b. Our firm had a BTR when we had an office located within the County. Now that the office is closed, are we still required to obtain a BTR for this pursuit?

**Answer:** This is a Request for Statement of Qualifications (RSQ), not a Request for Proposals (RFP).  
a. Business Tax Receipts, formerly known as Volusia County Occupational Licenses, may be purchased in the Revenue Department. It is a license to do business within Volusia County for businesses that have a physical location in Volusia County.  
b. Firms that do not have a physical location within Volusia County are not required to possess a Volusia County BTR.

**Question:** For Tab 7 (page 20 of RFP), under the first paragraph you are asking for 3 references. In the 2nd paragraph you are asking for similar projects.  
a. We understand this to mean that we are to submit 3 reference projects and then include additional projects of similar nature (with the additional projects being different from the 3 reference projects). Is this correct?  
b. Can the additional projects, since not being used as a reference, be ones that were done for Volusia County?

**Answer:** This is a Request for Statement of Qualifications (RSQ), not a Request for Proposals (RFP).  
a. It is the County's intent that the three reference projects be similar in nature and magnitude to the Scope of Service requested in the RFP, the County is not requesting an additional three projects.

- b. The County may not be utilized as a reference.

Please sign and attach this addendum to your proposal submittal. If you have any questions regarding this information, please contact Becki Bishop, Procurement Manager, at 386-822-5764 or [rbishop@co.volusia.fl.us](mailto:rbishop@co.volusia.fl.us).

\_\_\_\_\_  
Rebecca F. Bishop, C.P.M.  
Procurement Manager

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---

**Please sign and return entire addendum with proposal**

Vendor: \_\_\_\_\_

Signed by (*Name/Position*): \_\_\_\_\_

Phone No.: \_\_\_\_\_

Date: \_\_\_\_\_

**FAILURE TO RETURN THIS ENTIRE ADDENDUM WITH THE BID SUBMITTAL  
MAY CAUSE THE PROPOSAL TO BE RENDERED NON-RESPONSIVE.**



**FINANCIAL AND ADMINISTRATIVE SERVICES**  
**Purchasing and Contracts**  
123 West Indiana Avenue • Room 304 • DeLand, FL 32720-4608  
(386) 626-6623 • Fax (386) 736-5972  
e-mail: [purchasing@co.volusia.fl.us](mailto:purchasing@co.volusia.fl.us)  
[www.volusia.org](http://www.volusia.org)

June 24, 2011

**Subject: ADDENDUM NO. 3, to RSQ No. 11-SQ-114BB, “Disaster Cost Recovery & Related Grant and Project Management For The Finance Division Of The County Of Volusia”**

**This Addendum is being issued to clarify questions and make changes to the RSQ. This document and all changes, as listed below, shall become an integral part of the RSQ and shall take precedence over what was previously stated in the original RSQ and previous Addenda.**

**Question:** Will the Contractor be required to provide staff /expertise to perform cost estimation and damage assessments?

**Answer:** The departments/divisions will perform the cost estimations.

**Question:** Will the Contractor be tasked with the preparation of large Project Worksheets?

**Answer:** The Project Worksheets will be prepared by the Contractor in conjunction with the departments/divisions based upon information compiled by the departments/divisions.

Please sign and attach this addendum to your proposal submittal. If you have any questions regarding this information, please contact Becki Bishop, Procurement Manager, at 386-822-5764 or [rbishop@co.volusia.fl.us](mailto:rbishop@co.volusia.fl.us).

\_\_\_\_\_  
Rebecca F. Bishop, C.P.M.  
Procurement Manager

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**Please sign and return entire addendum with proposal**

Vendor: \_\_\_\_\_

Signed by (Name/Position): \_\_\_\_\_

Phone No.: \_\_\_\_\_ Date: \_\_\_\_\_

**FAILURE TO RETURN THIS ENTIRE ADDENDUM WITH THE BID SUBMITTAL MAY CAUSE THE PROPOSAL TO BE RENDERED NON-RESPONSIVE.**



**FINANCIAL AND ADMINISTRATIVE SERVICES**

**Purchasing and Contracts**

123 West Indiana Avenue • Room 304 • DeLand, FL 32720-4608

(386) 626-6623 • Fax (386) 736-5972

e-mail: [purchasing@co.volusia.fl.us](mailto:purchasing@co.volusia.fl.us)

[www.volusia.org](http://www.volusia.org)

July 01, 2011

**Subject: ADDENDUM NO. 4, to RSQ No. 11-SQ-114BB, "Disaster Cost Recovery & Related Grant and Project Management For The Finance Division Of The County Of Volusia"**

**This Addendum is being issued to clarify questions and make changes to the RSQ. This document and all changes, as listed below, shall become an integral part of the RSQ and shall take precedence over what was previously stated in the original RSQ and previous Addenda.**

**A Cost Proposal Form has been added as an attachment to this Addendum.  
This form shall be completed and submitted in Tab 4 with the Cost Proposal.**

**Question:** Addendum No. 1 to the RSQ clarified insurance requirements. However, on page 19, in Tab 3 - Insurance, it states "Attach evidence of required insurance coverage or proof of insurability in the amounts indicated."

- a. Are we required to submit proof of insurance in the qualifications packet or will that be required upon notification of recommendation of award as stated on page 22 of the RSQ.
- b. Do you want us to submit the form on page 22 in the Tab 3 section?

**Answer:** a. Submit documentation of insurance the firm currently has. The County does not require respondents to purchase insurance to submit a proposal.

- b. The form on page 22 should be submitted in Tab 4 with the Cost Proposal.

Please sign and attach this addendum to your proposal submittal. If you have any questions regarding this information, please contact Becki Bishop, Procurement Manager, by phone at 386-822-5764 or e-mail [rbishop@co.volusia.fl.us](mailto:rbishop@co.volusia.fl.us).

---

Rebecca F. Bishop, C.P.M.  
Procurement Manager

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**Please sign and return entire addendum with proposal**

Vendor: \_\_\_\_\_

Signed by (*Name/Position*): \_\_\_\_\_

Phone No.: \_\_\_\_\_

Date: \_\_\_\_\_

**FAILURE TO RETURN THIS ENTIRE ADDENDUM WITH THE BID SUBMITTAL MAY CAUSE THE PROPOSAL TO BE RENDERED NON-RESPONSIVE.**



I hereby certify that I have read and understand the requirements of this Request for Statements of Qualifications No. **11-SQ-114BB, Disaster Cost Recovery and Related Grant and Project Management for the Finance Division of the County of Volusia**, and that I, as the respondent, will comply with all requirements, and that I am duly authorized to execute this proposal/offer document and any contract(s) and/or other transactions required by award of this RSQ.

Further, as attested to by below signature, I will provide the required insurance, per *Insurance Requirements* section above, upon notification of recommendation of award.

Company: \_\_\_\_\_

Per: \_\_\_\_\_ (Print name)

Signature: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

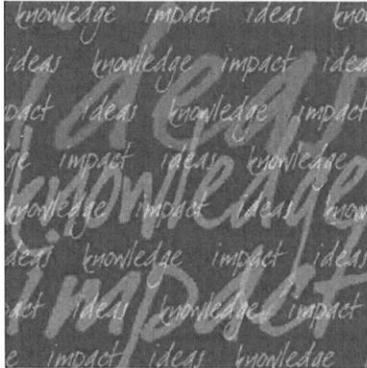
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

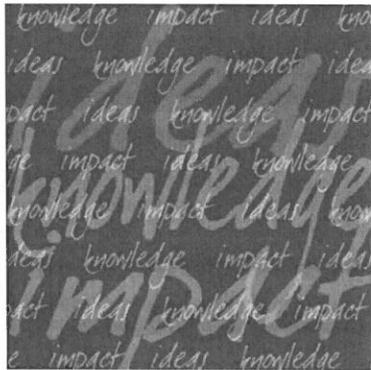
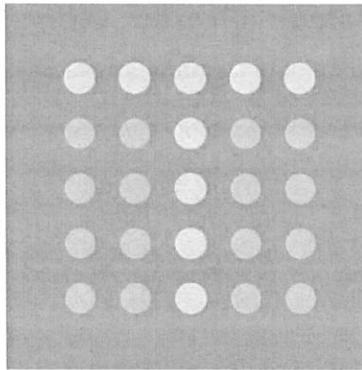
DUNS#: \_\_\_\_\_ Fed. I.D. #: \_\_\_\_\_

EXHIBIT C

STATEMENT OF QUALIFICATIONS



**COPY**



**Volusia County, FL**

Disaster Cost Recovery and Related Grant and  
Project Management for the Finance Division  
RSQ No. 11-SQ-114BB

Due: July 12, 2011

**thompson**  
CONSULTING SERVICES

**Disaster Cost Recovery and Related Grant and Project Management**

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**Table of Contents****1.0 Qualification Data**

- 1.A Submittal Letter
- 1.B Profile of the Firm
  - 1.B.1 Brief History
  - 1.B.2 Organization Structure of Business
  - 1.B.3 Ownership Interests
  - 1.B.4 Active Business Venues
  - 1.B.5 Overall Qualifications of the Firm
  - 1.B.6 Employee Qualifications
  - 1.B.7 Documentation of Legal Entity Type

**2.0 Methodology / Project Plan**

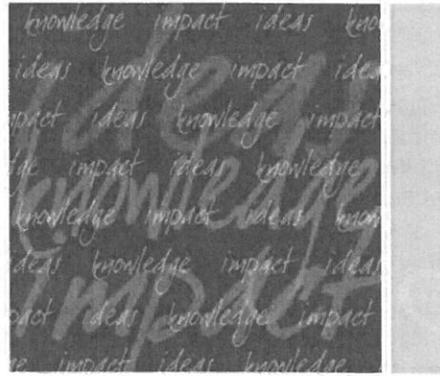
- 2.A Preliminary Damage Assessment
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- 2.I Interim Project Inspections
- 2.J Final Project Inspections
- 2.K Grant Closeout Services
- 2.L Audit Assistance / Defense
- 2.M Appeals Development
- 2.N Direct Administrative Cost Recovery

**3.0 Insurance****4.0 Cost Proposal****5.0 Conflict of Interest Disclosure Form****6.0 Business Tax Receipt (BTR)****7.0 References / Project Examples**

- 7.A References
- 7.B Project Examples

**8.0 Addenda****9.0 Completed TIN Form****10.0 Other Information****11.0 Financial Stability**

EXHIBIT C



Tab 1 - Qualification Data

knowledge  
ideas  
impact

EXHIBIT C



thompson  
CONSULTING SERVICES

July 11, 2011

Ms. Becki Bishop  
Project Contact  
County of Volusia – Purchasing & Contracts Division  
123 West Indiana Avenue, Room 302  
DeLand, Florida 32720-4608

RE: Statement of Qualifications (11-SQ-114BB)  
Disaster Cost Recovery and Related Grant and Project Management for  
The Finance Division of the County of Volusia, FL

Dear Ms. Bishop,

Thompson Consulting Services (Thompson) is pleased to submit the enclosed Statement of Qualifications (SOQ) to provide Volusia County, Florida ("County") with professional services related to disaster cost recovery and related grant and project management. Thompson's consultants have over 50 years of combined experience in supporting more than \$1.5 billion of federal grant funding in response to tornadoes, hurricanes, floods, earthquakes, ice storms, rock slides, oil spills and other natural disasters. Our approach to providing disaster grant application, administration and program management services maintains a primary focus on the efficient and effective utilization of resources while assisting our clients with navigating the funding channels of the Federal Emergency Management Agency's (FEMA) Public Assistance (PA) program. Thompson is best suited to assist the County with its cost recovery and related grant project management needs for the following reasons:

**Post-disaster FEMA grant administration and management experience:** Thompson's team of consultants remains current with FEMA policy by remaining continually engaged with assisting clients with their post disaster grant administration needs. Most recently Thompson was competitively selected by the City of Tuscaloosa, Alabama to be its FEMA PA program consultant. The project will require the development of over 100 project worksheets to account for \$60 million of grant funding. In addition, we are assisting the City with filing claims for more than \$30 million of uninsured losses.

**Proximity to the County:** Thompson's corporate office is located in Lake Mary, less than 25 miles from DeLand. Thompson's founding Principals Jon Hoyle and Nate Counsell have assisted Volusia County in response to the 2004 hurricanes as well as the Ground Hog Day Tornados. Our local presence and experience with Volusia County provides us with insights on jurisdictional boundaries, County infrastructure, staff and departments, etc.

**Versatility of our Team:** Thompson has experience with and is prepared to assist the County with administering other post-disaster grant programs such as the following:

- Federal Highway Administration (FHWA) Emergency Relief (ER) program
- FEMA Hazard Mitigation Grant Program (HMGP)
- Natural Resources Conservation Service (NRCS) Emergency Watershed Protection (EWP)
- Housing and Urban Development (HUD) Community Development Block Grant (CDBG)

951 Market Promenade Avenue  
Suite 2101  
Lake Mary, Florida 32746  
[www.thompsoncs.net](http://www.thompsoncs.net)

A THOMPSON HOLDINGS, INC. COMPANY

**Experience with Inter-agency Coordination:** Thompson understands that if a large scale disaster event occurs, the County's reimbursement will rely on coordination with FEMA, the Florida Division of Emergency Management (FDEM), Florida Department of Transportation (FDOT), Florida Department of Environmental Protection (FDEP), and more than a dozen other agencies. Our consultants have experience in managing the interaction between these agencies and streamlining inter-agency coordination which will translate into a smoother, more timely recovery for the County.

**Responsible stand-by contract commitment:** Thompson does not currently hold any other stand-by disaster response and recovery commitments within 200 miles of Volusia County. In the unfortunate event that a disaster does impact Central Florida, the County can rest assured that Thompson's focus will be on the County's recovery, not competing demands for resources from neighboring communities.

I would like to extend our sincerest hope that the County is not impacted by a disaster event that would necessitate our assistance. In the event of such an occurrence, however, I would like to extend our commitment to serving Volusia County as it endeavors to recover from any disaster and rebuild a fortified and stronger community. We would be honored to serve as your disaster cost recovery and related grant and project management consultant. We stand prepared to exceed the service expectations that the County and its residents deserve and expect. Please contact me directly at 321.303.2543 if you have any questions regarding this submittal.

Best regards,

THOMPSON CONSULTING SERVICES, LLC



Jon Hoyle  
President

Enc.

EXHIBIT C



thompson  
CONSULTING SERVICES

## Memorandum of Authority

July 07, 2010

To whom it may concern:

Pursuant to Section 5.02 of the Thompson Consulting Services, LLC. (hereinafter "TCS") of the Operating Agreement (see attached), the President of TCS, Jon Hoyle, is authorized to sign contracts issued by Volusia County.

The contact address is 951 Market Promenade Avenue, Suite 2101, Lake Mary, Florida 32746.  
The contact phone number is 321-303-2543.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Shumock', with a long horizontal flourish extending to the right.

James Shumock  
Manager

## EXHIBIT C

the Company's other Managers, Members, officers, or agents, or by any other Person, as to matters such Manager reasonably believes are within such other Person's professional or expert competence and who has been selected with reasonable care by or on behalf of the Company, including information, opinions, reports or statements as to the value and amount of the assets, liabilities, profits, or losses of the Company or any other facts pertinent to the existence or amounts of assets from which distributions to Members might properly be paid.

### ARTICLE V OFFICERS

Section 5.01 Appointment. The Board of Managers may appoint one or more individuals as officers of the Company. Each such officer shall have the authority and shall perform the duties as may be specifically delegated to such officer by the Board of Managers, and otherwise shall have the authority and shall perform the duties set forth in this Article V.

Section 5.02 President. The President shall be the chief executive officer of the Company and shall be responsible for managing all of the business and affairs of the Company, except as otherwise determined by the Board of Managers. The President may sign (with or without the Secretary's attestation) on behalf of the Company any deeds, mortgages, bonds, notes, contracts, leases or other instruments, except where required by law to be otherwise signed and executed, and except where the signing and execution thereof shall be expressly delegated by the Board of Managers to some other officer or agent of the Company. The initial President shall be Hoyle and he shall hold office until his successor is elected and begins serving, or until his earlier death, resignation, or removal.

Section 5.03 Vice-President. In the absence of the President or in the event of his death or inability to act, the Vice-President (or in the event there be more than one Vice-President, the Vice-Presidents in the order determined by the Board of Managers) shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all of the restrictions upon the President. A Vice-President shall perform such other duties as may from time to time be assigned to him by the President or the Board of Managers. The initial Vice-President shall be Counsell and he shall hold office until his successor is elected and begins serving, or until his earlier death, resignation, or removal.

Section 5.04 Secretary. The Secretary shall, if requested, attest the President's duly authorized signature to any deed, mortgage, bond, note, contract, lease or other instrument; have responsibility for preparing minutes of the meetings of the Board of Managers and Members and keeping such minutes in one or more books provided for that purpose; have responsibility for authenticating records of the Company; ensure that all notices are duly given in accordance with the terms and conditions of this Agreement, the Act, or as otherwise required by law; be custodian of the Company records; keep a register of the mailing address of each Member which shall be furnished to the Company by each Member; and in general perform all duties incident to the office of Secretary and such other duties as may from time to time be assigned to him by the President or the Board of

**Disaster Cost Recovery and Related Grant and Project Management****1.B Profile of the Firm****1.B.1 Brief History**

Thompson Consulting Services, along with our sister companies Thompson Engineering and Watermark Design, are subsidiaries of Thompson Holdings, Inc. (hereafter "Thompson"), which was formed in 1996. Thompson began in Mobile, Alabama, in 1953 as a small company doing basic soils and materials testing. In the decades since then, it's grown into a national corporation with twelve branch offices throughout five states in the southeastern United States. The company's ongoing success can be traced to its adherence to the high standards established by its founder, Vester J. Thompson, Jr. Those standards are still upheld to this day:

- Excellence in workmanship
- Innovative solutions
- Timely, responsive service
- Cost effectiveness

**Key Benefits of Thompson**

\$1B of experience

No competing commitments

Large project experience

Comprehensive service offering

Headquartered in Lake Mary

400 full-time staff

Thompson Consulting Services, headquartered in Lake Mary, Florida, is a full service emergency response and disaster recovery consultancy. Our consultants have over 50 years of combined experience in supporting federal, state and local governments in preparing for, responding to, and recovering from tornadoes, hurricanes, floods, earthquakes, ice storms, rock slides, and other natural disasters. Our approach to providing disaster response and recovery services maintains a primary focus on the efficient and effective distribution of resources while assisting our clients with navigating the funding channels of Federal grant programs. Thompson Consulting Services maintains domain knowledge, expertise, and experience with the following disaster related grant programs that may be of interest to the County in the event of a natural or manmade disaster:

- Federal Emergency Management Agency's (FEMA) Public Assistance (PA) program
- Federal Highway Administration (FHWA) Emergency Relief (ER) program
- FEMA Hazard Mitigation Grant program (HMGP)
- Housing and Urban Development (HUD) Community Development Block Grant (CDBG) program
- Natural Resources Conservation Service (NRCS) Emergency Watershed Protection (EWP)

**Disaster Cost Recovery and Related Grant and Project Management**

Through our work in the FEMA PA program, our consultants have provided our clients with assistance in developing applications (project worksheets), administering funding, and monitoring implementation from conception to closeout in the following FEMA PA categories of work:

- Cat A: Debris Removal
- Cat B: Emergency Protective Measures
- Cat C: Road Systems and Bridges
- Cat D: Water Control Facilities
- Cat E: Buildings, Contents, and Equipment
- Cat F: Utilities
- Cat G: Parks, Recreation, and Other

Thompson Consulting Services will be supported on this engagement by **Thompson Engineering**, which has provided engineering, environmental consulting, survey, and construction support services throughout the southeast for over 58 years. Thompson Engineering maintains a staff of project/construction managers, engineers, geologists, surveyors, scientists, technicians, inspectors, and support personnel. We have registered Professional Engineers, Professional Geologists, Professional Land Surveyors, LEED Accredited Professionals, and Registered Roof Consultants. In addition we have multiple personnel with various professional credentials and certifications throughout our states of operations. As a firm, we are licensed in 10 states to include Florida.

In addition to our day to day engineering responsibilities, we have been called upon by our clients in times of need to provide debris removal management and other disaster related services. We have provided the U.S. Army Corps of Engineers, Departments of Transportation, Departments of Environmental Management, and multiple municipalities throughout the southeast disaster response and recovery services following hurricanes, rock slides, earthquakes, and industrial spills.

<b>Thompson Engineering Support Available by Discipline</b>	
Project / Construction Managers	26
Architects	3
Civil Engineers	30
Marine Engineers	4
Structural Engineers	7
Geotechnical Engineers	14
Transportation Engineers	5
Hydraulic Engineers	3
Environmental Engineers	9
Geologists	10
Scientists / Environmental Specialist	20
Certified Professional in Erosion and Sediment Control (CPESC)	5
Certified Professional in Stormwater Quality (CPSWQ)	1
Qualified Credentialed Inspectors	57
Investigative / Roof Consultants	13
Professional Land Surveyors	9
LEED Accredited Professionals	5
Construction Engineering Inspectors	50
Construction Materials Technicians	19
Project Controls (Scheduling / Cost)	5

**Disaster Cost Recovery and Related Grant and Project Management**

**1.B.2 Organization Structure of the Business**

Thompson Consulting Services will serve as the contracting entity for the services requested by Volusia County. The corporate organizational chart below graphically depicts the relationship between the Thompson Family of companies and provides a summary of each company's service offering and leadership.



**Disaster Cost Recovery and Related Grant and Project Management**

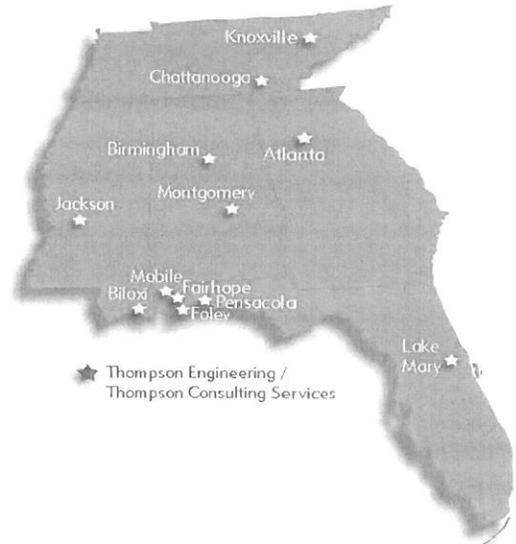
**1.B.3 Ownership Interests**

Thompson Consulting Services, LLC is a subsidiary of Thompson Holdings, Inc. A list of our company officials is shown below.

- Jon Hoyle, President/Board of Managers (Owner)
- Nate Counsell, Vice-President/Board of Managers (Owner)
- James H. Shumock, C.P.A., Treasurer/Board of Managers
- John H. Baker, III, Board of Managers
- Michael Manning, Board of Managers

**1.B.4 Active Business Venues**

Thompson has provided services to clients throughout the vast majority of the Southeast. We are licensed to perform services in 14 states to include: Florida, Alabama, Georgia, Mississippi, Louisiana, Tennessee, South Carolina, North Carolina, Kentucky, Virginia, Missouri, Indiana, Texas, and Oklahoma. A listing of our office locations is shown below.



**TABLE 1.B.1 – Active Business Venues Table**

Address	City	County	State
951 Market Promenade Avenue, Ste. 2101	Lake Mary	Seminole	Florida
6706-C Plantation Boulevard	Pensacola	Escambia	Florida
218 N. Alston Street	Foley	Baldwin	Alabama
555 N. Section Street	Fairhope	Baldwin	Alabama
2970 Cottage Hill Road, Ste. 190	Mobile	Mobile	Alabama
2907 Greystone Commercial Blvd., Ste. 44	Birmingham	Jefferson	Alabama
800 South McDonough St., Ste. 200	Montgomery	Montgomery	Alabama
711 Dr. Martin Luther King, Jr. Blvd.	Biloxi	Harrison	Mississippi
100 Business Park Drive, Ste. G	Ridgeland	Madison	Mississippi
232 East 11 <sup>th</sup> Street, Ste. 100	Chattanooga	Hamilton	Tennessee
510 Union Avenue	Knoxville	Knox	Tennessee
5881 Glenridge Drive, Ste. 110	Atlanta	Fulton	Georgia

**Disaster Cost Recovery and Related Grant and Project Management****1.B.5 Overall Qualifications of the Firm**

Thompson Consulting Services is a full service emergency response and disaster recovery consultancy. Services available through Thompson Consulting Services include, but are not limited to the following:

**Initial Response**

Applicant kickoff facilitation  
Project formulation assistance  
Debris advisory  
Project worksheet (PW) development/review  
Funding disbursement/management  
EMMIE monitoring/support  
Direct administrative cost (DAC) support

**Public Assistance Program Consulting Services**

Preliminary damage assessment data management tool development (categories A-G)  
GIS mapping support  
Collection and compilation of PDAs  
Damage site surveying (photography, GPS, condition reports, cost estimation, etc.)  
Housing inventory damage assessment  
Project worksheet development  
Small/large project formulation and scoping

- Alternate / improved projects
- Section 406 mitigation consultation

Procurement assistance  
Contractor procurement  
Debris staging site consultation (environmental, logistical, etc.)  
Expenditure review/approval and reconciliation

**Reconstruction Program Management**

Project/program management  
Interim project inspections  
Final inspections  
Regulatory audit assistance  
Project appeals support  
Mitigation consultation

**Debris Removal Monitoring Services**

Debris hauling vehicle certification (volumetric)  
Collection monitoring  
Disposal monitoring  
Data management  
Document management  
Contractor invoice reconciliation and payment recommendation  
Health and safety monitoring  
Coordination/scheduling  
Damage claim resolution  
GIS reporting  
Progress reporting  
Cost recovery/grant applications

**Disaster Cost Recovery and Related Grant and Project Management**

The Thompson Team's experience with post-disaster grant administration, monitoring and management services spans three decades and accounts for the administration of more than \$1-billion of FEMA PA and FHWA ER program funding. A summary of the Thompson Team's experience listed by disaster event is provided below.

TABLE 1.B.2 - Thompson Team Experience Summary Table

Disaster	Year	Clients	Admin.
Hurricane Charley (FEMA DR-1539)	2004	1	\$3,200,000
Hurricane Frances (FEMA DR-1545)	2004	3	\$500,000
Hurricane Ivan (FEMA DR-1551)	2004	3	\$200,000,000
Hurricane Jeanne (FEMA DR-1561)	2004	1	\$500,000
Hurricane Dennis (FEMA DR-1595)	2005	4	\$9,400,000
Hurricane Katrina (FEMA DR 1602-1604)	2005	6	\$250,000,000
Hurricane Katrina (FEMA DR 1604 Blue Roof)	2005	2	\$10,000,000
Hurricane Rita (FEMA DR 1606)	2005	2	\$30,000,000
Hurricane Wilma (FEMA DR-1609)	2005	7	\$175,000,000
New York Winter Storm (FEMA DR-1665)	2006	6	\$7,500,000
Missouri Ice Storm (FEMA DR-1676)	2007	3	\$3,000,000
Oklahoma Ice Storm (FEMA DR-1735)	2008	1	\$1,500,000
Hurricane Dolly (FEMA DR-1780)	2008	2	\$15,000,000
Hurricane Gustav (FEMA DR-1786)	2008	5	\$12,000,000
Hurricane Ike (FEMA DR-1791)	2008	10	\$250,000,000
Arkansas Ice Storm (FEMA DR-1819)	2009	1	\$1,000,000
BP Oil Spill Response	2010	2	\$25,000,000
Oklahoma Severe Storms (FEMA DR-1876)	2010	1	\$1,000,000
Alabama Tornadoes (FEMA DR-1971)	2011	4	\$20,000,000

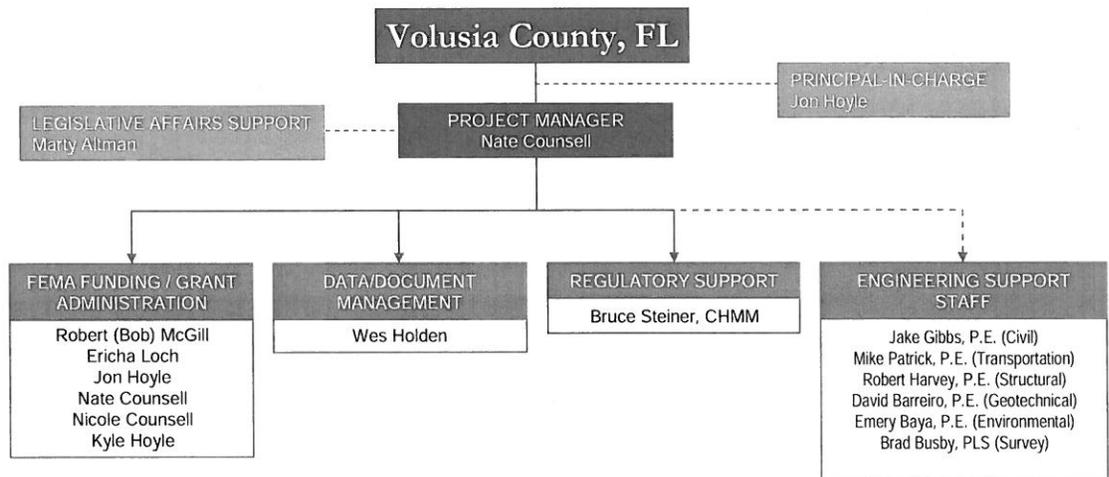
**Disaster Cost Recovery and Related Grant and Project Management**

In addition to our disaster related grant administration experience and debris removal monitoring, the Thompson Team stands fully equipped and prepared to assist the County with services related to solid waste management, hazardous waste management, asbestos abatement, lead based paint testing and other environmental and engineering inspection requirements if needed.

We have included three detailed project description write-ups that highlight some of our experience in disaster grant administration in Tab 7, Section B. Thompson has provided additional services for disaster related incidents to include fast-track engineering for the State of Alabama Perdido Pass Barrier System and the Katrina Cut temporary berm to protect the Gulf from oil contamination following the BP Deepwater Horizon catastrophe.

**1.B.6 Employee Qualifications**

The personnel proposed for this contract have proven experience in various grant administration roles on large scale disaster recovery operations that have occurred throughout the United States. Thompson has provided an organization chart identifying key personnel and reporting structure. Resumes for the key personnel and lead supporting engineers listed in the project organization chart are attached at the end of this section.



**Disaster Cost Recovery and Related Grant and Project Management**

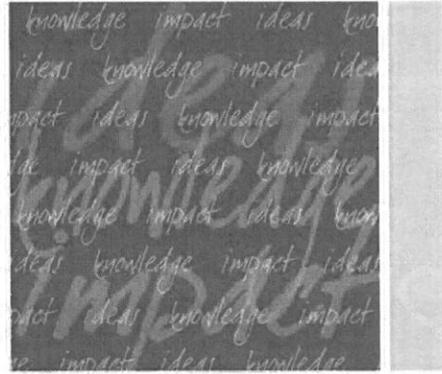
TABLE 1.B.3 – Key Personnel Matrix

Consultant	Qualifications	Exp.	Education
Jon M. Hoyle	> 500MM Category C thru G experience	8	BA / MBA
Nate Counsell	> \$1B of Category A and B experience	8	BA / MBA
Marty Altman	Former FEMA Director – Infrastructure Branch	35	BS / PMP
Bob McGill	Former FEMA Policy Analyst – PA Branch	22	BS
Erich Loch	FEMA Public Assistance Program – Categories A through G	6	BA / BA / MA
Nicole Counsell	FEMA Public Assistance Program Specialist	6	BA
Kyle Hoyle	Accounting / Finance	3	BS
Wes Holden	Data and document management	11	BS
Bruce Steiner, CHMM	Certified Hazardous Materials Manager / Asbestos and Lead Based Paint Inspector	30	BS
<i>Engineering Support *</i>			
Jake Gibbs, P.E.	Multi-faceted Civil Engineer experienced in vertical and horizontal construction and serves as the Civil Engineering Supervisor.	18	BS
Mike Patrick, P.E.	Transportation Engineer with years of experience working for DOT's and municipalities	43	BS / MS
Robert Harvey, P.E.	Structural Engineering Supervisor	20	BCE / BS
David Barreiro, P.E.	Geotechnical Engineering Supervisor	32	BS / MS
Emery Baya, P.E.	Senior Environmental Engineer with access to engineers, geologist, scientists, stormwater experts, and GIS personnel.	38	BS / ME
Brad Busby, PLS	Experienced with topographic and boundary surveys; ROW deeds; and can supervise multiple crews simultaneously.	13	BS / BS

*\*Lead Professional Engineers and Land Surveyor in respective disciplines that have the authority to assist in staffing those disciplines based upon the needs and scope of a project. Additional specialized personnel are readily available to support the County as needed.*

**1.B.7 Documentation of Legal Entity Type**

A copy of our authorization from the Florida Department of State, Division of Corporations to conduct business in the State of Florida is attached. We've also included a Sunbiz report as requested in the RSQ.



Section 1.B.6 Employee Qualifications - Resumes

knowledge  
ideas  
impact

# Jon M. Hoyle

## President

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Assignment: Principal-In-Charge  
 Firm: Thompson Consulting Services  
 Years Experience: With This Firm: <1  
 With Other Firm: 9  
 Education: BA/2001/International Relations  
 MBA/2003/Management and  
 Finance

### Experience and Qualifications

Mr. Hoyle has over nine years of experience including eight years providing management and oversight for disaster response and recovery efforts and grant writing administration / program management throughout the United States. He has managed 65 projects under contracts that total over \$1 Billion in grant administration and recovery efforts that required the mobilization of over 5,000 field and professional personnel over the past 9 years. His program experience includes:

#### **FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G)**

- Debris Monitoring
- Grant Program Management, Administration, and Implementation
- Appeals Support
- Project Close-Out Support

#### **FEMA Hazard Mitigation Grant Program (404 and 406)**

- Grant Program Management, Administration, and Implementation
- Project Close-Out Support

#### **FEMA Severe Repetitive Loss Program**

- Program Design and Implementation

#### **FHWA ER Program**

- Debris Monitoring
- Program Management and Grant Administration

#### **CDBD Disaster Recovery**

- Program Design
- Grant Administration and Implementation

#### **CDBG Housing**

- Program Design
- Public Outreach
- Grant administration and implementation

### Project Experience

**Alabama Department of Conservation and Natural Resources (ADCNR), State Parks Division, Disaster Management and Debris Monitoring, Alabama, Ongoing** – Mr. Hoyle serves as the Project Manager for the disaster management and debris monitoring at Guntersville, Buck's Pocket, and Morgan's Cove State Parks following the crippling tornados of April 2011. The camp grounds were totally destroyed and massive amounts of debris were scattered in the roadways, trail systems, and fire lines. At peak, 90 crews will be mobilized, managed, and monitored. Contract value totals \$1.5-million.

#### **Hurricane Ike Long Term Recovery, Infrastructure Repair and Grant Management Administration, Texas and Louisiana, 2008-2011**

– Following the devastating impact that Hurricanes Ike made on the Texas and Louisiana coast, Mr. Hoyle implemented and managed over 15 large long term recovery, infrastructure repair, and grant administration programs in Texas and Louisiana and helping obtain over \$250 million FEMA PA, FHWA ER, and CDBG DR funds on behalf of local governments and agencies such as the Port of Galveston, City of Galveston, and Texas Department of Transportation.

#### **BP Deep-water Horizon Oil Spill Response, Escambia County, FL, 2010**

– As oil threatened the beaches and waterways of Escambia County (Pensacola), FL during the summer of 2010, Mr. Hoyle deployed a team responsible for documenting and accounting for over \$10 million of contracted efforts to contain the oil and mitigate the environmental impact the oil spill made on beaches, waterways, and tourism.

#### **Ice Storm Deployment, Norman Oklahoma, 2008**

– Following a crippling ice storm in Norman, Oklahoma in 2008, Mr. Hoyle served as the Principal in Charge for a program to document and account for contracted response, recovery, and debris removal operations initiated by the City. The effort documented and substantiated over \$3 million worth of eligible FEMA and FHWA funding.

#### **Hurricane Deployment, Hurricane Katrina, Florida and Mississippi, 2005-2007**

– Mr. Hoyle deployed teams to simultaneously respond to multiple local governments in Florida and



Mississippi to provide debris monitoring and grant administration assistance. The effort documented and substantiated the removal of over 5,000,000 cubic yards of debris, representing \$175 million of FEMA and FHWA reimbursement to local governments.

## Previous Employment Experience

**Science Applications International Corporation (SAIC), Maitland, FL, 2009-2011** – Mr. Hoyle served as the Director of the Financial Recovery Services Division. His responsibilities included:

- Managed \$11.5-million division that provides consultancy with grant application, administration and program management services (founded and grew from inception)
- Directly oversaw division business development team to manage CRM pipeline of \$20-million
- Senior oversight of project delivery including design of standard operating procedures and project deliverable guidelines
- Member of the Senior Management Team that provided company business planning including the development of budgets, strategy, tactics, goals, and business initiatives

**Beck Disaster Recovery (BDR), Maitland, FL, 2005-2009** – Mr. Hoyle was a company co-founder, owner and managing principal of the Response and Recovery Services division. As a Vice President of BDR, his responsibilities included:

- Managed project delivery for \$150-million of consulting services during four-year period, including projects with Cities of Houston, New Orleans, Orlando and Miami
- Acquisition team member for two pursued acquisitions and two discontinued opportunities including valuation and negotiations
- Created Financial Recovery Services division to meet company objective of diversifying revenues to provide financial stability (revenue of \$3-million during first year of operation)

**R.W. Beck, Orlando, FL, 2003-2005** – Mr. Hoyle served as a Consultant for R.W. Beck. His responsibilities included:

- Solid waste rate design and review to include contested rate hearings with private sector service providers
- Utility operational efficiency studies to include time and motion, process design, work flow, etc.
- Develop and design utility rates and impact fee models and studies
- Disaster grant program management

**Hartman & Associates, Orlando, FL, 2002-2003** – Mr. Hoyle served as a Financial Analyst for Hartman & Associates. His responsibilities included:

- Construct MS Excel utility asset valuation models for use in merger and acquisition activities
- Assisted in the development of Consulting Engineers'/Financial Feasibility Reports for integration in to Bond Offering Statements
- Spreadsheet modeling to assess acquisition feasibility, impact fees, and utility rates
- Draft analytical reports for clients regarding asset value, acquisition feasibility, impact fees, and utility rates.



# Nathaniel T. Counsell

Vice President

Assignment: Project Manager  
 Firm: Thompson Consulting Services  
 Years Experience: With This Firm: <1  
 With Other Firm: 8  
 Education: BA/2001/Economics  
 MBA/2003/International Business

## Project Experience

**Calhoun County, Debris Monitoring, Calhoun County, AL, Ongoing** – Mr. Counsell is serving as the Project Manager for disaster debris removal monitoring following the crippling tornados of April 2011. The project involves monitoring right-of-way collection of vegetative and construction and demolition (C&D) debris throughout the County and administering and monitoring contracted debris removal from private property through a right-of-entry (ROE) program as part of Operation Clean Sweep administered by FEMA and AEMA. Contract value totals \$3-million.

**City of Cedar Rapids, FEMA Funded Demolition Sinclair Meatpacking Plant, Cedar Rapids, IA, 2010-2011** – Between 2010 and 2011, Mr. Counsell served as the Principal in Charge for the FEMA funded demolition of the historic Sinclair Meatpacking Plant located on the Cedar River in Cedar Rapids, IA. At the time the largest FEMA funded commercial demolition in the Country, the project required the administration and implementation of over \$5 million FEMA PA funds.

**City of New Orleans, FEMA Funded Commercial and Residential Demolition Program, New Orleans, LA, 2007-2009** – Between 2007 and 2009, Mr. Counsell served as the Program Manager of the City of New Orleans residential and commercial demolition program, helping the City design and implement a multi-phase process for the identification, historical review, decommissioning, demolition, and disposal of over 1,500 residential and commercial structures located throughout the City. The program required coordinated cost tacking to 5 large Project Worksheets totaling over \$50 million in FEMA Public Assistance Funding.

**Hurricane Deployment, Hurricanes Dolly, Gustav, and Ike, Louisiana and Texas, 2008-2010** – Following the devastating impact that Hurricanes Dolly, Gustav, and Ike made on the Texas and Louisiana coast, Mr. Counsell deployed, implemented, and executed 10 large scale debris monitoring and grant administration programs in Texas and Louisiana and helped obtain \$250 million FEMA PA, FHWA ER, and CDBG DR funds on behalf of local governments and agencies such as Terrebonne Parish, City of New Orleans, and City of Houston.

## Experience and Qualifications

Mr. Counsell has over eight years of experience providing management and oversight for disaster response and recovery efforts throughout the United States. He has managed 57 projects under contracts that total over \$1 Billion in recovery efforts that required the mobilization of over 5,000 field and professional personnel. His program experience includes:

### FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G)

- Debris Monitoring
- Grant Program Management, Administration, and Implementation
- Appeals Support
- Project Close-Out Support

### FEMA Hazard Mitigation Grant Program (404 and 406)

- Grant Program Management, Administration, and Implementation
- Project Close-Out Support

### FEMA Severe Repetitive Loss Program

- Program Design and Implementation

### FHWA ER Program

- Debris Monitoring
- Program Management and Grant Administration

### CDBD Disaster Recovery

- Program Design
- Grant Administration and Implementation

### CDBG Housing

- Program Design
- Public Outreach
- Grant administration and implementation



**Hurricane Deployment, Hurricane Wilma, South Florida, 2005-2006** – Mr. Counsell deployed teams to simultaneously respond to 17 local governments in Broward, Miami-Dade, and Monroe County, FL to provide debris monitoring and grant administration assistance. The effort documented and substantiated the removal of over 5,000,000 cubic yards of debris, representing \$175 million of FEMA and FHWA reimbursement to local governments.

## Previous Employment Experience

**Science Applications International Corporation (SAIC), Maitland, FL, 2009-2011** – Mr. Counsell served as the Director of the Response and Recovery Services Division. His responsibilities included:

- Management of a \$25-million division that provides debris monitoring, grant management and implementation, and housing program management services (founded and grew from inception) to over 200 state and local government agencies throughout the United States
- Directed a national business development team to manage CRM pipeline of \$3-million annual non-disaster related contract opportunities
- Provided senior oversight on project delivery including design of standard and customized operating procedures, project deliverable guidelines, training materials, sub-contracts, and fraud prevention
- Member of the Senior Management Team that provided company business planning including the development of budgets, strategy, tactics, goals, and business initiatives

**Beck Disaster Recovery (BDR), Maitland, FL, 2005-2009** – Mr. Counsell was a company co-founder, owner and managing principal of the Program Management Services division. As a Vice President of BDR, his responsibilities included:

- Managed business development, client capture, and project delivery for \$150-million of program management services during 4 year period, including projects with the cities of New Orleans, Pensacola, Orlando, and Fort Lauderdale, and multiple projects in the states of New York, Missouri, Florida, Mississippi, Louisiana, and Texas

- Designed and implemented multiple large scale housing and private property assistance programs in Florida and Louisiana
- Member of the Senior Management Team that provided company business planning including the development of budgets, strategy, tactics, goals, business initiatives, and acquisition strategies

**R.W. Beck, Orlando, FL, 2004-2005** – Mr. Counsell served as a Consultant / Project Manager for R.W. Beck. He provided solid waste rate design and review to include contested rate hearings with private sector service providers. He also served as Project Manager on multiple debris monitoring and disaster grant management assignments with municipal solid waste departments throughout Florida.

**James Hardie Building Products, San Diego, CA, 2003-2004** – Mr. Counsell served as a Sales Manager for James Hardie Building Products. He leveraged relationships with national big box retail chains to expand the product lines of disaster hardened building materials in the Florida, Georgia, and Alabama markets.



# Martin Edward Altman

## Legislative Affairs Consultant

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Assignment: Legislative Affairs Support  
 Firm: Thompson Consulting Services  
 Years Experience: With This Firm: <1  
 With Other Firm: 35  
 Education: BS/Fire Protection Engineering

### Experience and Qualifications

Mr. Altman offers 35 years of emergency management experience and has excellent written and verbal communication skills with applicants, sub-grantees and grantees of the State of Florida. He possesses extensive knowledge of project formulation, determining eligibility, mitigation opportunities and resolutions with applicants, and excellent management and leadership skills.

His recent experience has included federal disaster response operations with the strategic components of the Incident Command System (ICS) as the Infrastructure Branch Director for Hurricanes Katrina, Rita, and Wilma within the Mobilization Center in Orlando, Florida. He has a critical understanding the National Response Framework (NFR) and the National Response Plan (NRP); the Robert T. Stafford Act, 44 Code of Federal Regulations (CRF) on all sizes of disasters including the implementation of roles of the Emergency Response Teams (ERTs) and Emergency Support Functions (ESFs); the organization structure of a Federal-State Disaster Joint Field Office (JFO); and, the National Environmental Policy Act (NEPA) and Historical Preservation guidelines for successful application of the PA and mitigation program during major disasters. Mr. Altman served as FEMA's Public Assistance (PA) Infrastructure Branch Director for the Florida Recovery Office in Lake Mary, FL where he obtained valuable experience in effectively managing and supervising large numbers of professional, scientific, technical and administration employees and in promoting business practices and team building concepts.

Mr. Altman also has prior emergency management experience which involved owning and operating a hazardous materials and emergency response firm.

His certifications and training include:

#### FEMA Certifications

- Cost Estimating Formatting (E-480)
- How to Manage FEMA Field Personnel (L-269)
- PW Writing
- Public Assistance Officer (E-374)
- Public Assistance Operations I (L-381) 2.4 CEU
- Public Assistance Operations II (L-382) 2.4 CEU
- Public Assistance Debris Operations (IS-632)
- NRP, ICS, and NIMS
- 406 Mitigation (DF-128)

#### FEMA Training

- Achieving Outstanding Customer Relations
- Violence in the Workplace
- Administrative Planning
- Equal Rights Training
- Government Ethics Classes (DF-434)
- Diversity Training Making it Work (DF-416)
- Computer Security Awareness
- No Fear Act Anti-Discrimination Laws
- Quick Time
- Sexual Harassment: New Perspective (DF-506)
- Travel Rules & Disaster Travel Manager (DF-254)

#### Special Training

- OSHA 40-Hour Hazardous Waste Emergency Response Operations
- OSHA 8-Hour Hazardous Waste Supervision and Manager
- Confine Space Procedures
- Hazardous Materials Technician / Specialist
- NEPA Training
- Clean Water Act Training
- Clean Air Act Training
- Emergency Management Training
- Advance Multi Media First aid
- Professional First Responder First Aid/CPR
- Environmental Assessor
- Hazardous Waste Characterization
- Hazardous Waste Disposal



## Project Experience

**Foard, Cottle, Motley and Dawson Counties** – Contracted through HR&R Risk Management, Inc., Mr. Altman is operating a Turnkey Disaster Recovery Management Consulting / Program and Project Management Firm providing services that guide local and state government and private non-profit (PNP) entities with disaster grant management and administering federal grants for infrastructure recovery and development from start to finish. Currently he is writing appeals to maximize federal funding for Hurricane Alex to restore their Infrastructure.

**State of Louisiana Office of Risk Management** – Contracted through David Shapiro Disaster Management Services as Program Technical Specialist working with the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) and the FEMA to bring resolution to the recovery from claims for Hurricane Gustav and Katrina. His tasks consists of working with GOHSEP and FEMA to identify damages caused by the disaster, prepare Project Worksheets and Versions, identify hazard mitigation opportunities, resolve Insurance issues, develop a Scope of Work and develop a case for eligibility based on cost reasonableness for work completed to ensure reimbursement to the State Office of Risk Management. He is also developing closeout protocol for State Agencies.

**City of New Orleans, LA, Hurricane Katrina Disaster Recovery** – Contracted through Shapiro and Associates / Integrated Disaster Solutions as Program Manager to oversee the disaster recovery operation for the City and designated as the Applicant Agent by the City. As the Program Manager, he led the PA Specialist Staff in working with the GOHSEP and the FEMA to bring resolution to the recovery following Hurricane Katrina. These tasks consisted of working with GOHSEP and FEMA to identify damages caused by the disaster, prepare Project Worksheets and Versions, identify hazard mitigation opportunities, identify alternate and improved projects, resolve Insurance issues, get additional facilities declared 50% or greater for replacements, and to serve as one of the Designated Applicants Agents for the City to make sure projects could be signed off on and request for payments could be made against projects that were completed. He provided oversight for the development of a grant management and closeout program to ensure that the City gets every eligible dollar they are entitled too and that all grants are both programmatically and fiscally closed out.

**Public Assistance Infrastructure Branch Director, Disasters at the Florida Recovery Office, Lake Mary, Florida** – Employed by FEMA to establish Public Assistance (PA) tactics to meet the mission strategies and objectives to close out nine declarations of the 2004 and 2005 hurricane storm season in the State of Florida. His responsibilities included:

- Managed PA personnel resources and assessed workload.
- Oversaw implementation of the PA Program.
- Led the PA Branch personnel by delegating specific authority, based on the assigned tasks. Provided clear direction, assignments and guidance to effectively structure and organize work activities, maximize productivity, and fulfill the mission objectives.
- Researched and identified complex PA Program issues, took remedial action, and made recommendations for and implemented resolutions and improvements.
- Represented the PA Program on various issues and conflicts and negotiated with key federal, state, and local officials on controversial issues to gain acceptance of recommendations or program issues.
- Attended meetings, conferences, and other forums with state, local, and federal officials and established effective working relationships to discuss preparation, interpretation, and revision of PA programs and policies.
- Reviewed and evaluated existing strategies and communication plans for disseminating information about changes in PA Programs and determined the most effective means of disseminating information to the concerned organizations or individuals.
- Created an open and team-based work environment that demonstrated a commitment to public service.
- Oversaw the ongoing professional development of assigned PA staff within the Florida Recovery Office.



# Robert F. McGill

## Consultant

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Assignment: FEMA Funding / Grant Administration

Firm: Thompson Consulting Services

Years Experience: With This Firm: <1  
With Other Firm: 30

Education: BS/1973/Business Administration/Journalism

Public Assistance support services to 18 local governments in Texas. He assisted in obtaining disaster assistance from the Natural Resources Conservation Service.

**Midwest Floods of 2008** – Mr. McGill provided technical assistance on the Public Assistance Program to a public electric and water utility that sustained major flood damage. He prepared multiple Hazard Mitigation Plans, grants applications, and worked closely with FEMA and State disaster recover officials.

## Experience and Qualifications

Mr. McGill has extensive experience for disaster response and recovery efforts including researching, analyzing and preparing written policies and procedures. His background includes experience working with Federal agencies such as the Natural Resource Conversation Service, U.S. Army Corps of Engineers, Federal Highway Administration, Department of Housing and Urban Development, Centers for Disease Control and Prevention, and Small Business Administration.

Mr. McGill is also a Certified FEMA Trainer and has presented multiple training seminars at JFOs and at the "FEMA University" as well as workshops for local government officials.

## Project Experience

**Program Manager, Disaster Services, 2009-2010** – Mr. McGill managed the investigative phase of the development of the National Disaster Recovery Framework, and was responsible for identifying new program methods, approaches, and procedures for a government-wide coordinated response and recovery program.

**Hurricane Katrina, Project Manager, 2009** – Following the devastation of Hurricane Katrina, Mr. McGill advised the City of New Orleans on issues of eligibility under FEMA's authorities and processes required to demolish over 1,400 unsafe structures left standing in the wake of the hurricane. He developed multiple studies that addressed the proper removal of items of historic significance, as well as compliance with all local, state, and federal laws and regulations.

**Hurricane Ike, Project Manager, 2008** – Following Hurricane Ike, Mr. McGill was responsible for a team of 20+ consultants and analysts providing

## Previous Employment Experience

**ATCS plc, Program Manager, Disaster Services** – Mr. McGill served as a Project Manager in the investigative phase of the development of the National Disaster Recovery Framework and was responsible for identifying new program methods, approaches and procedures for a government-wide coordinated response and recovery program. He was also managed the development and implementation of a series of qualitative focus groups to improve the implementation of the Individual Assistance Program.

**Beck Disaster Recovery (division of SAIC), Project Manager, Public Assistance Program Services** – Mr. McGill served as a Project Manager in the Public Assistance Program Services divisions and was involved in various disaster related projects along the Gulf Coast such as Hurricanes Katrina and Ike.

**Dewberry Federal Programs, Senior Planner and Disaster Recovery Program Specialist** – Performed as the PA Advisor to the FEMA Deputy Director in charge of the Gulf Coast Recovery following Hurricane Katrina. He was responsible for monitoring all aspects of FEMA's Public Assistance Program in LA, MS, TX and AL. He developed a process plan for accelerating the preparation of Project Worksheets and delivering critical financial assistance to PA Subgrantees. Prepared input for FEMA briefings to the President of the United States and worked directly with members of Congress and State and local officials.



## Ericha Loch

### Consultant

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Assignment: FEMA Funding / Grant Administration

Firm: Thompson Consulting Services

Years Experience: With This Firm: <1  
With Other Firm: 5

Education: BA/2006/International Relations  
BA/2003/Criminal Justice  
MA/2004/Criminal Justice

- FEMA IS-00548: Continuity of Operations Manager
- FEMA IS-630: Introduction to Public Assistance Process
- FEMA IS-631: Public Assistance Operations I
- Department of Defense Top Secret Security Clearance
- Certificate in Criminal Profiling, University of Central Florida, 2003
- Extensive coursework and research in terrorism, counterterrorism and security
- Four years Spanish language training; one year French language training
- PADI Certified Open Water Diver

### Experience and Qualifications

Ms. Loch has five years of experience representing local government instrumentalities with claiming eligible costs under FEMA's Public Assistance program. She has assisted clients with developing project worksheets for all categories of work (A-G) and performed tasks associated with project formulation, scoping, cost estimating, 406 mitigation, project inspection, financial compliance, invoice and cost reconciliation, and appeals. A summary of training and experience follows.

### Areas of Specialization

- FEMA IS 30: Mitigation eGrant System for Subgrant Applicant
- FEMA IS-00208: State Disaster Management
- FEMA IS 230A: Fundamentals of Emergency Management
- FEMA IS-00240.a: Leadership and Influence
- FEMA IS-00241: Decision Making and Problem Solving
- FEMA IS-00242: Effective Communication
- FEMA IS 253: Coordinating Environmental and Historic Preservation Compliance
- FEMA IS 279: Engineering Principles and Practices for Retrofitting Flood-Prone Residential Structures
- FEMA IS-00546: Continuity of Operations (COOP) Awareness
- FEMA IS-00547: Introduction to Continuity of Operations

### Project Experience

- Texas Department of Transportation, Hurricane Ike FEMA Public Assistance
- Trinity Bay Conservation District, Hurricane Ike FEMA Public Assistance
- City of Houston, Hurricane Ike FHWA
- County of Miami Dade, Hurricane Wilma FHWA
- Harris County Flood Control District Category B



# Nicole Counsell

## Grant Management Consultant

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Assignment: FEMA Funding / Grant Administration

Firm: Thompson Consulting Services

Years Experience: With This Firm: <1  
With Other Firm: 4

Education: BA/Psychology, Spanish

## Project Experience

**City of Galveston, Community Development Block Grant (CDBG) Administration** Ms. Counsell served as Financial Recovery Specialist for the administration of \$106 million in Housing and Urban Development (HUD) non-housing CDBG funds for the City. At this capacity, Ms. Counsell coordinated with HUD, and the Texas Department of Rural Affairs and provided guidance to the City to ensure that the program was properly documented and administered in compliance with statutory regulations and program guidelines. In addition, Ms. Counsell assisted the City with the development of contracts, procurement documentation, and comparison of data for federal reimbursement

**BP Deepwater Horizon Oil Spill Response, Escambia County, FL** – Ms. Counsell served as Program Manager of a program designed to minimize the impact that the BP oil spill made on Escambia County's (Pensacola area) beaches, waterways, and tourism. During this effort, over \$1.5 million in claims for oil containment and public outreach were documented and substantiated. Ms. Counsell coordinated and documented the efforts of participating local, state, federal, and private to substantiate the BP claims.

**Standing Dead Tree Removal Program, Hurricane Ike, Galveston, TX** – Following Hurricane Ike, Ms. Counsell monitored a contracted program to remove over 10,000 standing dead trees throughout the City that were killed as a result of saltwater inundation. The monitoring and documentation efforts substantiated over \$3.5 Million in FEMA PA funding. In addition, Ms. Counsell worked with Galveston County to monitor and document over \$62 million worth of debris removal programs including sand removal, vessel recovery, and private property debris removal.

**Ice Storm Debris Removal Monitoring, Norman, OK** – Ms. Counsell deployed and managed 150 field inspectors daily to monitor and document the removal of over 600,000 cubic yards of debris from the City. In addition, Ms. Counsell managed a field team responsible for validating over 26,000 hazardous trees. Her efforts helped document eligible work and obtain over \$24 million in FEMA and FHWA funding.

## Experience and Qualifications

Ms. Counsell has over four years of experience providing grant and program management support and oversight for disaster response and recovery efforts throughout the United States. Following Hurricane Ike, she managed multiple projects for Galveston County and the City of Galveston, the most heavily impacted communities by the storm. Her program experience includes:

### FEMA PA Emergency Work (Categories A-B) / Permanent Work (C-G)

- Debris Monitoring
- Grant Program Management, Administration, and Implementation
- Appeals Support
- Project Close-Out Support

### CDBD Disaster Recovery

- Program Design
- Grant Administration and Implementation

### Other

- Hazwoper 40 hour certification
- FEMA IS 001 – Emergency Manager Orientation
- FEMA IS 230 – Principles of Emergency Management
- FEMA IS 292 – Disaster Basics
- FEMA IS 631 – Public Assistance Operations



# Kyle Hoyle

## Business Operations Manager

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Assignment: FEMA Funding / Grant Administration

Firm: Thompson Consulting Services

Years Experience: With This Firm: <1  
With Other Firm: 5

Education: BS/Business Administration and Economics

### Experience and Qualifications

Mr. Hoyle has over five years of analytical consulting and accounting experience for the private sector and the United States Military. Prior to joining Thompson Consulting in 2011, Mr. Hoyle served as an intelligence analyst for the United States Army stationed in Baghdad, Iraq. Mr. Hoyle's unique background in intelligence, Information Technology, and accounting make him a highly dynamic member of the Thompson team. He has a United States Government Top Security Clearance. Mr. Hoyle's program experience includes:

#### **FEMA PA Emergency Work (Categories A-B) / Permanent Work (C-G)**

- Debris Monitoring
- Data Collection
- Data Management
- Contract Accounting
- Grant Program Management, Administration, and Implementation
- Billing and Invoice Support
- Contractor Invoice Reconciliation
- Project Close-Out Support

#### **FEMA Severe Repetitive Loss Program**

- Hazard Analysis
- Program Implementation

#### **FHWA ER Program**

- Debris Monitoring
- Data Collection
- Data Management
- Contract Accounting
- Grant Program Management, Administration, and Implementation
- Billing and Invoice Support
- Contractor Invoice Reconciliation
- Program Management and Grant Administration

### Project Experience

**Tornado Recovery Effort, Multiple Communities in Alabama** – Following the devastating impact that a series of large tornados caused across the State of Alabama, Mr. Hoyle served as Thompson's data operations manager on multiple projects, including the City of Tuscaloosa's FEMA Public Assistance Grant Administration, and debris monitoring efforts in Calhoun County and on behalf of the Alabama Department of Conservation and Natural Resources. Mr. Hoyle's primary responsibility was to ensure that Thompson's documentation of staff hours worked was in an audit and deliverable ready format to ensure maximum reimbursement for over \$2 million of eligible work performed by Thompson.

#### **Commercial Property Tax Analyst, Houston, TX**

– While with O'Connor and Associates, Mr. Hoyle worked with over 100 commercial clients in the State of Texas to identify and properly classify fixed assets. In addition, Mr. Hoyle worked as a Quality Assurance/Quality Control lead to ensure that the terms and conditions of over 750 client contracts complied with the State of Texas Attorney General's rules and regulations.

#### **Intelligence Analyst, United States Army, Baghdad, Iraq**

– While stationed in Iraq, Mr. Hoyle assisted in coordinating and participating in the analysis, processing, and dissemination of intelligence to tactical units and strategic commands. For six months, Mr. Hoyle was responsible for preparing a Multi-National Division-Baghdad Intelligence Summary Briefing to leadership. In addition, Mr. Hoyle served as a member of an All Source team responsible for threats within the specific vicinity of the Divisions region of operations.



# Wesley Holden

## Director of Data Operations

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Assignment: Data / Document Management  
 Firm: Thompson Consulting Services  
 Years Experience: With This Firm: <1  
 With Other Firm: 11  
 Education: BS/2000/Management Information Systems

### Experience and Qualifications

Mr. Holden has over eleven years of experience providing data management and disaster recovery software application development for disaster response and recovery efforts throughout the United States for a broad range of local and state government clients. Mr. Holden's program experience includes:

#### **FEMA Public Assistance Emergency Work (Categories A-B) and Permanent Work (Categories C-G)**

- Debris Monitoring
- Grant Program Management, Administration, and Implementation
- Appeals Support
- Project Close-Out Support

#### **FEMA Hazard Mitigation Grant Program (404 and 406)**

- Grant Program Management, Administration, and Implementation
- Project Close-Out Support

#### **FEMA Severe Repetitive Loss Program**

- Program Design and Implementation

#### **FHWA ER Program**

- Debris Monitoring
- Program Management and Grant Administration

#### **CDBD Disaster Recovery**

- Program Design
- Grant Administration and Implementation

#### **CDBG Housing**

- Program Design
- Public Outreach
- Grant administration and implementation

### Project Experience

#### **Texas Hurricane Ike, Data Management, 2008-2009**

Following Hurricane Ike, Mr. Holden managed a team tasked with supporting data entry, document scanning, and data management to track and report debris removal operations for multiple municipalities and counties throughout Texas. At the peak of the engagement, Mr. Holden was tasked with managing the scanning and entry of over 250,000 documents and images per day.

#### **City of New Orleans, FEMA Funded Commercial and Residential Demolition Document Management, New Orleans, LA, 2007-2009**

Between 2007 and 2009, Mr. Holden helped design a software application to electronically store critical field documents that supported a multi-phase process for the identification, historical review, decommissioning, demolition, and disposal of over 1,500 residential and commercial structures located throughout the City of New Orleans.

#### **Mississippi, Hurricane Katrina, Data Management 2005-2007**

Following the devastating impact that Hurricanes Katrina made on the Mississippi coast, Mr. Holden managed a data management operation responsible for inputting, tracking, and reporting the quantities of debris removed and disposed of by the United States Army Corps of Engineers contractors throughout the Mississippi.

### Technology Expertise

- ASP.Net, VB.Net, C#, Javascript, HTML, Visual Studio, Source Control
- SQL Server, T-SQL, Stored Procedures, Index Tuning, Performance Management



## Bruce Steiner, CHMM

### Senior Scientist

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Assignment: Regulatory Support

Firm: Thompson Engineering

Years Experience: With This Firm: 8  
With Other Firm: 22

Education: BS / Marine Biology

Certifications: Certified Hazardous Materials Manager (CHMM), Master Level No. 3800

Certified Asbestos Inspector / Management Planner, AIN0706S2131

Certified Lead Inspector No. 04-147-06

Certified Lead Risk Assessor No. 04-148-05

- *Commercial* – Multi-story Office Buildings, Office/Warehouse Buildings, Funeral Homes, Vacant Land
- *Retail* - Shopping Malls, Strip Shopping Centers, Convenience Stores
- *Residential* – Hotels, Motels, Apartment Complexes, Subdivisions, Condominiums
- *Industrial* - Surface and Subsurface Mining Operations, Ship Repair Facilities, Electronic Manufacturing Facility, Metal Plating Operation, Window Shade Manufacturing Plant, Chemical Blending Operation, Iron Foundry, Small Manufacturing Facilities
- *Agricultural* – Feed Mills, Hatcheries, Groves, Processing Plants, Farmland

## Experience and Qualifications

Mr. Steiner has over 28 years of experience providing environmental consulting services, serving as Senior Scientist, Section Manager, Project Manager, Site Safety Officer, Environmental Health Specialist, Pollution Control Specialist, and Field Scientist. He also has extensive experience in managing and performing Phase I and Phase II Environmental Site Assessments for real estate transactions for commercial, residential, retail, agricultural, and industrial properties. He has conducted AHERA and limited asbestos surveys at over 400 sites. His responsibilities have included proposal preparation, budget tracking, invoicing, staff scheduling and supervision, technical oversight, and senior-level project involvement.

## Project Experience

**Phase I and Phase II Environmental Site Assessments** – Mr. Steiner has 21 years of experience conducting Phase I and Phase II environmental site assessments (ESAs), specifically designed for real estate transactions. Phase I ESAs are conducted in general conformance with American Society for Testing and Materials (ASTM) Standard Practice Designation E 1527. Phase II ESA scopes of work are designed to address concerns identified in the Phase I ESAs. Typical properties have included:

**Retirement Systems of Alabama, GM Building Hazardous Materials Survey** – Project Scientist for the Hazardous Materials Survey prior to and during the total renovation of the 34-story, high-rise office building. The survey identified asbestos-containing materials, lead-based paint, and other hazardous and regulated materials. Thompson Engineering provided abatement plans, structural engineering services, inspection of the entire building envelope, water tightness testing, contract administration, air monitoring, and inspection services.

**Mobile County Public Schools, Asbestos Inspection** – Inspector and management planner for two re-inspections of 102 campuses (over 2.5 million square feet) for Mobile County Public Schools.

**SPCC Plans** – Prepared Spill Prevention, Control and Countermeasures (SPCC) plans for various commercial and industrial clients as specified under Title 40 Part 112 of the Code of Federal Regulations (40 CFR Part 112). These plans were prepared to establish procedures, methods, equipment, and to fulfill other requirements intended to prevent the discharge of petroleum into navigable waters of the U.S.

**ExxonMobil, Oil-Rig Abandonment/Demolition, Hazardous Materials Surveys** – Mr. Steiner conducted pre-demolition hazardous materials surveys on off-shore drilling platforms located in Alabama, Louisiana, and Texas coasts to provide information for determining how the structures would be dismantled and what materials would need to be removed and disposed of prior to demolition activities. Parameters investigated included a lead-based paint (LBP)/Lead Containing Paint (LCP) survey, a NESHAPS asbestos survey and a mold investigation.



## Jake Gibbs, P.E.

### Engineering Manager

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Assignment: Lead Civil Engineer

Firm: Thompson Engineering

Years Experience: With This Firm: 10  
With Other Firm: 8

Education: BS/1993/Civil Engineering  
University of South Alabama

Active Registration: Professional Engineer:  
Florida #52873  
Alabama #22183  
Mississippi #15295  
Texas #101538  
Georgia #029108  
Certified Bridge Inspector  
ACBI#326

final design, stormwater management, and construction bid documents.

**Mississippi Army National Guard, Camp Shelby Drainage Improvements, Camp Shelby, MS** – Project Manager / Senior Civil Engineer for drainage improvements at Camp Shelby to prevent future flooding over 40 acres. The project resulted in the construction of concrete lined ditches, subsurface piping, and box culvert installations and involved a hydraulic analysis; civil/site design; site survey; construction support services; and construction engineering inspection.

**U.S. Army Corps of Engineers, Design/Build RFP, Duke Field, FL** – Senior Civil Engineer for the preparation of a Design/Build Request for Proposal operations and maintenance for seven buildings at Duke Field over 20 acres. The project included renovations, additions, and/or repairs to the Wing Headquarters, a hangar, medical facility building, and the MPF building. It also included two new K-Span buildings for mobility storage and a new Environmental Management facility. The estimated construction cost totaled \$9.7-million.

## Experience and Qualifications

Mr. Gibbs is a senior civil engineer experienced in all aspects of site/civil design and serves as Thompson's Civil Engineering Manager. Mr. Gibbs has been responsible for the design of bridge projects for Thompson Engineering in the Alabama Department of Transportation's Amendment One Bond program for County Bridges, site development projects in the Gulf Coast Region, municipal improvement projects that include roadway design, drainage design and site planning, and subdivision design and planning.

Prior to employment with Thompson Engineering, Mr. Gibbs was the Assistant County Engineer for Baldwin County, Alabama. As Assistant County Engineer, he designed drainage upgrades, bridges, pavements, and bridge repair projects, and coordinated permitting and funding issues between county, state, and federal agencies.

**Waterdance Resort and the Cottages at Waterdance, Gulf Shores, AL** – Mr. Gibbs was the engineering project manager for this 52-acre site development that included residential area with five to 14-story condominiums, single-family cottages and numerous amenities. Duties included site planning, site design of drainage, roadways, water, and sewer systems.

**Alabama Department of Transportation (ALDOT), Amendment One Garvee Bond Issue** – Program manager and design engineer for county bridge projects for the ALDOT. The duties in this program included management and design of over eighty-five (85) bridge and approach replacement projects, coordination of information between client, sub-consultants, various designers, and disciplines to complete each project.

## Project Experience

**Lauderdale County Commission, Underwood C/D Landfill Expansion** – Senior Civil Engineer for the expansion of the existing C/D landfill. Thompson analyzed four options for the development of the landfill based on landfill life expectancy and expected revenue considering average landfill intake and cover requirements. Through a phased approach, Thompson provided overall master planning, geotechnical and hydrogeological investigation, permit application,

**School District of Escambia County Florida, Pensacola, FL** – Civil engineer for various school projects for the district. Projects have included drainage improvements, utility design and environmental permitting.



# Michael E. Patrick, P.E.

## Region Manager

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Assignment: Lead Transportation Engineer  
 Firm: Thompson Engineering  
 Years Experience: With This Firm: 6  
 With Other Firms: 37  
 Education: BS/Civil Engineering  
 MS/ Engineering  
 Active Registration: Professional Engineer:  
 Georgia #8312  
 Alabama #28949  
 South Carolina #20276  
 Tennessee #101873  
 Mississippi #19411

### Experience and Qualifications

Mr. Patrick has more than 43 years of experience with a major emphasis in transportation engineering. Currently, Mr. Patrick is the Region Manager and the firm's Senior Project Manager on roadway design projects. His experience includes roadway design, construction management, traffic operations, signal design, intelligent transportation systems (ITS), corridor studies, traffic impact studies, and interchange feasibility studies. In addition to consulting services, Mr. Patrick held the position of regional traffic engineer with the Tennessee Department of Transportation (TDOT). In this position, he was responsible for the overall traffic operations in a 24-county region.

### Project Experience

**U.S. 19 Widening and New Alignment, Schley County, GA** – Project Manager for 10.5-mile widening and new location alignment on U.S. 19. Project included survey, roadway design, drainage design, right-of-way plans, and structures design for three bridge locations.

**Toccoa Bypass Extension, Stephens County, GA** – Managed design of roadway and structures for 6-mile, four-lane divided facility on new alignment. Project scope included survey, roadway design, drainage design, right-of-way plans, and structures.

### **I-65 North and South Bound Lane**

**Reconstruction, Birmingham, AL** – Project Manager for the design of I-65 between I-459 and US-31 north and south bound lane reconstruction. The project was two-miles and had daily traffic volumes in excess of 120,000 vehicles per day. The main purpose was to replace the existing concrete pavement with thicker concrete on the mainline and ramps and to improve overall drainage. Thompson's tasks included the design of plans, plan details, very complex construction staging details with detours, and drainage design.

### **ThyssenKrupp Interchange at US-43, Mobile**

**County, AL** – Project manager for the design of an interchange to provide full access from US-43 to the ThyssenKrupp steel plant. The scope of services included design of grading, paving, drainage, lighting, and signing. The interchange included the mainline and four ramps with parallel bridges over US-43 and over the Norfolk Southern railroad.

### **Various Rest Areas and Welcome Centers,**

**Statewide, SC** – Project Manager for the design of rest areas on I-26 in Newberry County, I-385 in Laurens County, I-95 in Colleton County, and I-20 in Kershaw County. Project manager for welcome center projects on I-95 in Dillon County and Jasper County. Projects included survey, roadway design, drainage design, right-of-way plans, architectural services, and construction management.

### **I-24 Interchange Modifications, Marion County,**

**TN** – Project Manager for Roadway and Drainage Design. The scope for the modification of I-24 at US 72 is to develop preliminary plans, right-of-way plans, and final construction plans for the roadway portion of the modification. The project includes raising the profile grade on the I-24 mainline, adding an off-ramp, modifying existing ramps, and adding a lane on US 72.

### **City of Ocean Springs, Drainage Analysis and**

**Improvements, Ocean Springs, MS** – Managed comprehensive drainage analysis and improvements design for a 13-square-mile area. The project included field inventory of all drainage ways and structures, analysis of existing drainage conditions, and design of improvements. Development of a geographic information system (GIS) for the city was also included.



# Robert A. Harvey, P.E.

## Senior Structural Engineer / Structural Engineering Manager

---

Assignment: Lead Structural Engineer  
 Firm: Thompson Engineering  
 Years Experience: With This Firm: 20  
                           With Other Firm: 0  
 Education: BCE/1993/Civil Engineering  
                   BS/1994/Mathematics  
 Active Registration: Professional Engineer:  
                           Florida #65421  
                           Alabama #25083  
                           Mississippi #17193  
                           Louisiana #35665

diameter steel pipe and filled with polystyrene foam; and a removable navigation system to let boats in and out of the Pass. Construction was substantially completed in 16 days following regulatory agency approval.

**Chevron Containment Dike, Pascagoula, MS** – Assisted in the design of Chevron Oil Companies' plant containment dike, which is designed to provide protection against severe flooding resulting from hurricane storm surges. The project was highlighted by a documentary prepared by National Geographic.

### Experience and Qualifications

Mr. Harvey is currently assigned as Structural Engineering Manager for Thompson Engineering. Mr. Harvey has extensive experience in structural analysis and design as well as marine engineering. He has specific experience incorporating finite element modeling techniques. His projects have included waterfront, chemical, and petroleum facilities; institutional and commercial buildings, and bridges.

**Mobile Area Water & Sewer System, Dam and Spillway Refurbishment, Salco Lake, Saraland, AL** – Project Structural Engineering of record for the Salco Lake Dam and Spillway renovations. Construction costs were on the order of \$500,000. This project is a Mobile Area Water & Sewer System water supply. The project included design and construction of a new dam and spillway of Salco Lake.

### Project Experience

**Alabama State Pier, Gulf Shores, AL** – Structural engineer responsible for the design of all the structures located above the concrete deck including the bait house, pavilion areas, restrooms. The construction cost of the project was approximately \$16-million. The new pier is 20 feet wide and 1520 feet long and replaces the old pier destroyed during Hurricane Ivan.

**Marriott Grand Hotel, Point Clear, AL** – Performed structural evaluation of historic hotel structure following Hurricane Katrina and provided repair recommendations for both the hotel structure as well as the marine waterfront bulkhead.

**State of Alabama, Perdido Pass Barrier System, Orange Beach, AL** – Lead Structural Engineer for the Design/Build of a barrier system to protect wetlands and waterways north of Perdido Pass from the oil in the Gulf of Mexico caused by the Deepwater Horizon catastrophe. The design included a diversion dike; a new 3,200-ft. boom system that was constructed out of 36-inch

**City of Mobile, Mobile Landing Waterfront Development, Mobile, Alabama, Structural Engineer** – Performed the structural design of over 1000 linear feet of a 40-ft. dredge capacity sheet pile bulkhead and integral concrete relieving platform (pedestrian promenade) for the City's new waterfront development (Mobile Landing). The design incorporated a structural connection with existing coffer cells at the north end of the project, as well as a 120-ft area of drilled soil anchors to provide support while working around an existing waterfront city fire station. The project included a concrete amphitheater, elevated bandstand, an \$18-million 60,000sf cruise terminal (Alabama Cruise Ship Terminal) with a three-level parking garage and a 90,000sf, \$35-million interactive maritime transportation center/museum (GulfQuest National Maritime Museum of the Gulf of Mexico).

**RSA Tower, Mobile, AL** – Performed structural engineering finite element analysis of the pile foundation of Alabama's tallest building. The structural analysis was coordinated with the geotechnical engineer to complete foundation design. The structure is 35-stories tall and required over 700 auger cast pilings drilled to a depth of 117 feet. Construction cost was \$162-million.



# David Barreiro, P.E.

Manager, Geotechnical Engineering / Senior Geotechnical Engineer

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Assignment: Lead Geotechnical Engineer  
 Firm: Thompson Engineering  
 Years Experience: With This Firm: 2  
 With Other Firms: 30  
 Education: BS/1977/Civil Engineering  
 MS/1978/Engineering  
 Active Registration: Professional Engineer:  
 Florida #31901  
 Alabama #30722

- Settlement studies
- Shallow / deep subsurface explorations
- Marginal soil studies
- Laboratory soils testing programs
- Slope / levee /dam stability evaluations
- Sinkhole evaluation/rehab programs
- Subsurface soil improvements
- Field drainage testing
- Field in-situ testing programs
- Geotechnical instrumentation programs
- Construction materials testing programs
- Land reclamation programs
- Marine subsurface studies
- Rock quarry evaluations
- Soil borrow pit assessment and certification
- Demucking operations
- Earth embankments
- Concrete and masonry testing
- Concrete quality assessments
- Field density testing
- Groundwater studies
- Flexible pavement design
- Pavement and subgrade evaluations
- Shallow foundation installations
- Geotechnical site preparation
- Shallow/deep dewatering programs
- Subsurface preload programs
- Forensic studies
- Site assessments
- Fill/cut operations
- Grade slab performance evaluation
- Monitoring well programs
- Retaining wall evaluations
- Structural crack monitoring

## Experience and Qualifications

Mr. Barreiro has over 32 years of Geotechnical Engineering experience and serves as Manager of Thompson's Geotechnical Engineering Division. In addition to Geotechnical Engineering, Mr. Barreiro has worked on a multitude of assignments involving Construction Materials Testing and QA/QC Services, Environmental Site Assessments, and Forensic Studies. Mr. Barreiro's diverse project experience includes low, mid, and high-rise structures, office buildings, condominium / apartment buildings, residential subdivisions, academic institutions, hospitals/ medical facilities, commercial/professional buildings, sports/civic facilities, roadway/pavement works, port authorities, force mains, water/ wastewater treatment facilities, parking garages, hotels/motels, stormwater management, site assessments, DRI support, sinkhole studies/remediation.

Mr. Barreiro has assisted a broad client base on numerous projects. Clients have included architects, structural engineers, civil engineers, attorneys, land developers, realtors, project owners, commercial/ residential builders, municipalities, state and county departments of transportation, academic institutions, financial institutions, state and federal regulatory agencies, and air and marine port authorities.

## Areas of Expertise

- Bulkhead evaluations
- Drilled shaft installations
- Land development feasibility analyses
- Post-tension monitoring
- Drilled shaft load testing
- Fill soil suitability
- Cast-in-place pile load testing
- Cast-in-place pile installation

## Organizations

- American Society of Civil Engineers, I.D. No. 00188074, Grade Member
- International Society of Soil Mechanics and Foundation Engineers (ISSMFE), Member  
 Deep Foundations Institute (DFI), Member
- National Association of Environmental Professionals (NAEP), No. 05103, G. Member
- Florida Association of Environmental Professionals (FAEP), General Member
- National Ground Water Association (NGWA), Member
- The Association of Engineering Firms Practicing in the Geosciences (ASFE), Member



## Emery E. Baya, P.E.

### Principal Engineer (Environmental)

---

Assignment: Lead Environmental Engineer

Firm: Thompson Engineering

Years Experience: With This Firm: 29  
With Other Firm: 9

Education: M.E./1973/Environmental Engineering Sciences  
BS/1971/Civil Engineering

Registrations: Professional Engineer:  
Florida #16373  
Alabama #11290  
Mississippi #8376

### Experience and Qualifications

Mr. Baya is the lead environmental engineer for Thompson Engineering. He has managed numerous environmental studies and assessments, including sampling and analytical chemical testing, monitoring and quality assurance programs; dredge material management evaluations; surface water, groundwater and sediment quality assessments; NEPA environmental impact assessments (including wetlands, endangered and threatened species, cultural resources); and site contamination/remedial investigations. Related experience includes regulatory permitting, real estate environmental assessments (Phase I and II), compliance audits, and risk assessments. Engineering projects have included impoundment and landfill design, closure plan preparation and certification, corrective action plan feasibility studies and remediation design; and asbestos and lead paint abatement.

Mr. Baya has developed environmental management programs including SPCC plans, OPA 90 Facility Spill Response Plans, Storm Water Pollution Prevention (SWPP) and Best Management Practice (BMP) Plans, Hazardous Waste Management Plans; and Closure and Post-closure Plans.

Prior to joining Thompson Engineering, Mr. Baya was employed by the Mobile District Corps of Engineers and served as technical manager for both military and civil works environmental projects

throughout the Southeast. Environmental studies involved reservoir, riverine, and estuarine water quality, impacts of dredging/disposal operations, and hazardous/toxic materials contamination assessment programs. Included was preparation of related documents such as Environmental Impact Statements and Assessments and Section 404 (Disposal of Dredged Material) Evaluations, as well as technical study reports.

### Organizations

- American Society of Civil Engineers
- National Society of Professional Engineers
- Society of American Military Engineers
- Water Environment Federation
- Soil and Water Conservation Society

### Selected Professional Training Courses

- "Asbestos in Buildings: Designing the Abatement Project," 1988.
- "On-Site Groundwater and Soil Remediation," 1989.
- "Environmental Site Assessments: Case Studies and Strategies," 1991 and 1992.
- "The ISO-9000 Standards and Quality Auditing," 1992.
- "Health Risk and Exposure Assessment Modeling," 1995.
- "Geodasy for Engineers and Surveyors," 1999.
- "Desktop GIS – Introduction to ArcView," 2000.
- "Florida Stormwater, Erosion, and Sedimentation Control Inspector Training Program," 2001.
- "Designing Effective Sediment and Erosion Control," Auburn University, 2004.
- "NEPA, Transportation Project Development, and Section 4(f) Workshop," FHWA and ALDOT, 2004.



## D. Brad Busby, P.L.S.

### Professional Land Surveyor / Field Supervisor

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Assignment: Professional Land Surveyor  
 Firm: Thompson Engineering  
 Years Experience: With This Firm: 12  
 With Other Firm: 1  
 Education: BS/Geomatics  
 BS/ Environmental Science  
 Active Registration: Professional Land Surveyor  
 Florida #LS 6701; Alabama #26951  
 Mississippi #3077

### Experience and Qualifications

Mr. Busby is highly qualified in the surveying field and has performed many surveys consisting of boundary, topographical, mortgage, as-built, ALTA/ACSM, site specific, ALDOT relocation and route surveys, subdivisions, and GPS control surveys. He has directed up to seven survey crews; and is responsible for planning out surveys, including discussions with clients and with adjacent land owners. Mr. Busby researches deeds, ROW deeds, easements and all other surveying documents. He is experienced with projects requiring GPS static controls to be set on state plane coordinates. He is responsible for mobilizing all survey crews needed to complete the job within all standards and regulations required, (including topo, cross-sections, leveling, property recovery, utilities and research).

### Project Experience

**US 49 Median Design, Gulfport, MS** – PLS/Field Supervisor for the design of medians on US 49 from St. Charles Street to Pass Road to improve safety and reduce vehicle accidents. The project involved limiting turning movements, signalization of 17 intersections, and median openings/closings.

**U.S. Army Corps of Engineers, Design/Build RFP, Duke Field, FL** – Lead PLS for a Design/Build RFP operations and maintenance for seven buildings at Duke Field. The project included renovations, additions, and/or repairs to the Wing Headquarters, a hangar, medical facility building, and the MPF building. It also included two new K-Span buildings for mobility storage and a new Environmental Management facility. Mr. Busby was responsible for the topo survey.

**US-31 Roadway Widening, Baldwin County, AL** – PLS for the alignment, environmental assessment, and engineering design for the widening of 3.2-miles of two-lane and four-lane rural highway to a five-lane urban section with sidewalk. The scope of the work also included analysis of alternative alignments, survey, right-of-way services, utility coordination, and construction inspection. Mr. Busby was also responsible for preparing and reviewing acquisition deeds for the purchasing of right-of-way.

**CanCan Casino, LLC, Casino Resort and Spa, D'Iberville, MS** – PLS for the development of a Master Plan for a \$250-million, 60,000 sq. ft. casino and resort. The resort will be built on a 5-acre waterfront site overlooking the Biloxi Back Bay and will consist of 250 rooms, four restaurants, retail outlets, and a French Market. Mr. Busby was responsible for calculating the mean high water for the site.

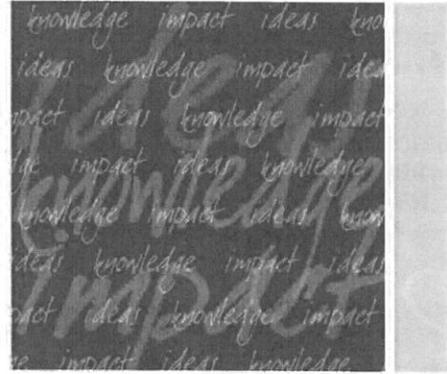
**ALTA/ACSM Racetrack Survey** – PLS for a seven parcel, 2395 +/- acre, ALTA/ACSM Land Title Survey for the future Mobile, AL Racetrack site.

**ALDOT, Foley Expressway/I-10 Connector** – PLS in charge of a 2-mile horizontal and vertical survey for the extension of the Foley Beach Expressway and a new I-10 Interchange. The new interchange is at the existing Baldwin CR 68 Overpass. All deeds, property, and tax documents were researched and located.

**Confidential Client, Southeast Refinery, Dike Project, MS** – PLS/Field Supervisor for a 6-mile topographic survey of the dike surrounding the refinery in Southeast Mississippi. Survey was conducted for raising the dike for hurricane protection improvements.

**Statewide County Bridges, AL** – Horizontal and vertical survey for complete bridge replacement in many of the counties of Alabama. These surveys consisted of topographic surveys of the 1000 feet of roadways over the bridges and 1000 feet of the creeks passing under the bridges. A floodplain cross-section was also taken downstream in order to compute hydraulic and environmental testing for each site.





Section 1.B.7 Documentation of Legal Entity Type - Licenses

knowledge  
ideas  
impact

EXHIBIT C



May 6, 2011

FLORIDA DEPARTMENT OF STATE  
Division of CorporationsTHOMPSON CONSULTING SERVICES-TCS, LLC  
1920 REDWOOD GROVE TERRACE  
LAKE MARY, FL 32746

Qualification documents for THOMPSON CONSULTING SERVICES, LLC doing business in Florida as THOMPSON CONSULTING SERVICES-TCS, LLC were filed on May 5, 2011, and assigned document number M1100002276. Please refer to this number whenever corresponding with this office.

Your limited liability company is authorized to transact business in Florida as of the file date.

This document was electronically received and filed under FAX audit number H11000122964.

To maintain "active" status with the Division of Corporations, an annual report must be filed yearly between January 1st and May 1st beginning in the year following the file date or effective date indicated above. If the annual report is not filed by May 1st, a \$400 late fee will be added.

A Federal Employer Identification Number (FEI/EIN) will be required when this report is filed. Contact the IRS at 1-800-829-4933 for an SS-4 form or go to [www.irs.gov](http://www.irs.gov).

Please notify this office if the limited liability company address changes.

Should you have any questions regarding this matter, please contact this office at the address given below.

Neysa Culligan  
Regulatory Specialist II  
Registration/Qualification Section  
Division of Corporations

Letter Number: 911A00011124

P.O BOX 6327 - Tallahassee, Florida 32314

## EXHIBIT C

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## Detail by FEI/EIN Number

### Foreign Limited Liability Company

THOMPSON CONSULTING SERVICES-TCS, LLC

### Cross Reference Name

THOMPSON CONSULTING SERVICES, LLC

### Filing Information

**Document Number** M11000002276**FEI/EIN Number** 452015453**Date Filed** 05/05/2011**State** DE**Status** ACTIVE

### Principal Address

1920 REDWOOD GROVE TERRACE  
LAKE MARY FL 32746

### Mailing Address

1920 REDWOOD GROVE TERRACE  
LAKE MARY FL 32746

### Registered Agent Name & Address

VCORP SERVICES, LLC  
7200 W CAMINO REAL, SUITE 102  
BOCA RATON FL 33433 US

### Manager/Member Detail

#### **Name & Address**

Title MGR

COUNSELL, NATHANIEL  
4030 BERMUDA GROVE PLACE  
LONGWOOD FL 32779

Title MGR

HOYLE, JON M  
1920 REDWOOD GROVE TERRACE  
LAKE MARY FL 32746

Title MGR

EXHIBIT C

MANNING, MICHAEL V  
2970 COTTAGE HILL ROAD  
MOBILE AL 36606

Title MGR

BAKER, JOHN H III  
2970 COTTAGE HILL ROAD  
MOBILE AL 36606

Title MGR

SHUMOCK, JAMES H  
2970 COTTAGE HILL ROAD  
MOBILE AL 36606

**Annual Reports**

**No Annual Reports Filed**

**Document Images**

05/05/2011 -- Foreign Limited

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**M11000002276**

**Florida Department of State  
Division of Corporations  
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 Division of Corporations  
 Fax Number : (850) 617-6383

**From:**  
 Account Name : VCORP SERVICES, LLC  
 Account Number : I20080000067  
 Phone : (845) 425-0077  
 Fax Number : (845) 818-3588

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DIVISION OF CORPORATIONS  
11 MAY -5 AM 9:00**

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**Foreign Limited Liability Company  
THOMPSON CONSULTING SERVICES, LLC**

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Estimated Charge	\$125.00

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11 MAY -5 PM 3:03  
SECRETARY OF STATE  
TALLAHASSEE, FLORIDA**

**APPLICATION BY FOREIGN LIMITED LIABILITY COMPANY FOR AUTHORIZATION TO TRANSACT BUSINESS IN FLORIDA**

*IN COMPLIANCE WITH SECTION 608.503, FLORIDA STATUTES, THE FOLLOWING IS SUBMITTED TO REGISTER A FOREIGN LIMITED LIABILITY COMPANY TO TRANSACT BUSINESS IN THE STATE OF FLORIDA:*

1. THOMPSON CONSULTING SERVICES, LLC  
(Name of Foreign Limited Liability Company; must include "Limited Liability Company," "L.L.C.," or "LLC.")

Thompson Consulting Services- TCS, LLC

(If name unavailable, enter alternate name adopted for the purpose of transacting business in Florida and attach a copy of the written consent of the managers or managing members adopting the alternate name. The alternate name must include "Limited Liability Company," "L.L.C.," "LLC.")

2. Delaware 3. 45-2015453  
(Jurisdiction under the law of which foreign limited liability company is organized) (FEI number, if applicable)

4. 4/25/2011 5. perpetual  
(Date of Organization) (Duration: Year limited liability company will cease to exist or "perpetual")

6. upon approval  
(Date first transacted business in Florida, if prior to registration.)  
(See sections 608.501 & 608.502 F.S. to determine penalty liability)

7. 1920 Redwood Grove Terrace  
Lake Mary, FL 32746  
(Street Address of Principal Office)

8. If limited liability company is a manager-managed company, check here

9. The name and usual business addresses of the managing members or managers are as follows:  
please see the list attached

10. Attached is an original certificate of existence, no more than 90 days old, duly authenticated by the official having custody of records in the jurisdiction under the law of which it is organized. (A photocopy is not acceptable. If the certificate is in a foreign language, a translation of the certificate under oath of the translator must be submitted.)

11. Nature of business or purposes to be conducted or promoted in Florida: provide grant application, grant administration & program management services

[Signature]  
Signature of a member of an authorized representative of a member.

(In accordance with section 608.408(3), F.S., the execution of this document constitutes an affirmation under the penalties of perjury that the facts stated herein are true. I am aware that any false information submitted in a document to the Department of State constitutes a third degree felony as provided for in s.817.155, F.S.)

Jon Hoyle  
Typed or printed name of signee

FILED  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
11 MAY -5 AM 9:00

**Managers:**

**Nathaniel Counsell**  
4030 Bermuda Grove Place  
Longwood, FL 32779  
**Jon M. Hoyle**  
1920 Redwood Grove  
Terrace  
Lake Mary, FL 32746  
**Michael V. Manning**  
2970 Cottage Hill Road  
Mobile, AL 36606  
**John H. Baker III**  
2970 Cottage Hill Road  
Mobile, AL 36606  
**James H. Shumock**  
2970 Cottage Hill Road  
Mobile, AL 36606

FILED  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
11 MAY -5 AM 9:00

**CERTIFICATE OF DESIGNATION OF REGISTERED AGENT/REGISTERED OFFICE**

PURSUANT TO THE PROVISIONS OF SECTION 608.415 or 608.507, FLORIDA STATUTES, THE UNDERSIGNED LIMITED LIABILITY COMPANY SUBMITS THE FOLLOWING STATEMENT TO DESIGNATE A REGISTERED OFFICE AND REGISTERED AGENT IN THE STATE OF FLORIDA.

1. The name of the Limited Liability Company is:

THOMPSON CONSULTING SERVICES, LLC

If unavailable, the alternate to be used in the state of Florida is:

2. The name and the Florida street address of the registered agent and office are:

Vcorp Services, LLC

(Name)

7200 W Camino Real, Suite 102

Florida Street Address (P.O. Box NOT ACCEPTABLE)

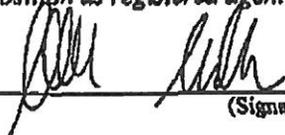
Boca Raton

FL 33433

City/State/Zip

FILED  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
11 MAY -5 AM 9:00

*Having been named as registered agent and to accept service of process for the above stated limited liability company at the place designated in this certificate, I hereby accept the appointment as registered agent and agree to act in this capacity. I further agree to comply with the provisions of all statutes relating to the proper and complete performance of my duties, and I am familiar with and accept the obligations of my position as registered agent as provided for in Chapter 608, Florida Statutes.*

  
(Signature)

- \$ 100.00 Filing Fee for Application
- \$ 25.00 Designation of Registered Agent
- \$ 30.00 Certified Copy (optional)
- \$ 5.00 Certificate of Status (optional)

# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "THOMPSON CONSULTING SERVICES, LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE THIRD DAY OF MAY, A.D. 2011.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "THOMPSON CONSULTING SERVICES, LLC" WAS FORMED ON THE TWENTY-FIFTH DAY OF APRIL, A.D. 2011.

AND I DO HEREBY FORTHER CERTIFY THAT THE ANNUAL TAXES HAVE NOT BEEN ASSESSED TO DATE.



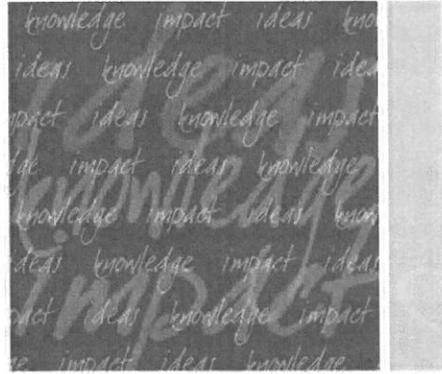
4973034 8300

110484829

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8734252

DATE: 05-03-11



Tab 2 - Methodology / Project Plan

knowledge  
ideas  
impact

**Disaster Cost Recovery and Related Grant and Project Management**

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**2.0 Methodology / Project Plan**

Our consultants have over 50 years of combined experience in directly supporting federal, state and local governments with administering the Federal Emergency Management Agency (FEMA) Public Assistance (PA) program in response to tornadoes, hurricanes, floods, earthquakes, ice storms, rock slides, and other natural disasters. Our approach to providing FEMA-PA consulting maintains a primary focus on establishing and organizing project worksheets (PWs) in a manner that will satisfy and endure regulatory audits that will be conducted during the coming years. This approach to providing disaster related funding consultation maintains an initial focus on identifying recovery project initiatives. Subsequent to identifying eligible projects, Thompson shifts its focus to applying for, administering, and program managing the use of grant funding, private contributions, and other sources of financing. Thompson is a full service engineering and disaster recovery consultancy, which allows us to provide the County the benefit of relying on a single firm to assist it with the following elements of FEMA-PA administration:

1. Preliminary Damage Assessment (PDA)
2. Small PW Development
3. Large PW Preparation
4. Alternate and Improved Project Funding Consultation
5. Hazard Mitigation Funding Support
6. Special Consideration Assistance
7. Construction Inspection
8. Grant Administration/Financial Reconciliation Services
9. Interim Project Inspections
10. Final Project Inspections
11. Grant Closeout Services
12. Audit Assistance/Defense
13. Appeals Development
14. Direct Administrative Cost Recovery

The following pages will briefly summarize the services available from Thompson to assist the County with successfully applying for, administering, and program managing a FEMA-PA program following a disaster event.

**Disaster Cost Recovery and Related Grant and Project Management**

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**2.A Preliminary Damage Assessment (PDA)**

The PDA process is a joint effort between FEMA, the State and local governments to document the impact and magnitude of the disaster on individuals, families, businesses, and public property. The Governor will use the information gathered during the PDA process to determine whether Federal assistance should be requested.

The PDA is conducted once the State determines that the recovery effort is beyond State and local capabilities. State officials will ask the appropriate FEMA Regional Office to conduct a joint PDA with State and local officials in those areas defined by the State. After the PDA teams have documented the damage, the Governor will determine whether or not to request Federal disaster assistance. The Governor may limit the request for assistance or may seek the full range of assistance authorized under the type of declaration being requested. The Governor's request is addressed to the President but submitted through the appropriate FEMA Regional Director.

**2.B Small PW Development**

Two different PW development methods have been established for the PA Program. The difference between the methods is dependent on whether a project is small or large in nature. That determination is based on a cost threshold that changes annually. The threshold is updated at the beginning of each fiscal year and published in the Federal Register. For the year ending September 30, 2011, the threshold is set at \$63,900. If the estimated cost of a project is less than this threshold, the project is written as a small project.

Thompson will assist the County with the development of Small Projects, which are funded using an initial estimate of costs. The process to be completed by Thompson for developing a small project is generally described below.

1. Thompson will develop a cost estimate for review and approval by the County. FEMA will be requested to approve funding using the estimate and will obligate the Federal share of the funds to the State of Florida (State).
2. Thompson will coordinate with the State to insure funds are provided to the County as soon as possible after FEMA obligates the funds.
3. Because the funding level for small projects is generally considered to be fixed, Thompson will review any cost overruns that meet exception criteria to minimize any unclaimed cost incurred by the County.

**Disaster Cost Recovery and Related Grant and Project Management**

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4. Although FEMA does not perform a final inspection of completed small projects, Thompson will work with the State to certify that the County completed the work in compliance with all applicable laws, regulations, and policies.

The advantage of this process is that processing of the grant is expedited and funds are available as soon as the PW is approved rather than after the Applicant submits documentation of costs. However, due to the fixed cost funding of Small Projects, Thompson will insure that scopes and bidding of work to be performed as Small Projects are tightly controlled.

**2.C Large PW Preparation**

Section 2.B provides an explanation of delineating between Small and Large Projects for purposes of PW development. For the year ending September 30, 2011, the threshold is set at \$63,900. If the estimated cost of a project is greater than this threshold, the project is written as a large project. Large Projects are funded using a final accounting of actual costs. The process to be completed by Thompson for developing a large project is generally described below.

1. Thompson will work in conjunction with the FEMA Project Officer to develop a cost estimate for the PW and request that FEMA fund the PW using this estimate.
2. Thompson will coordinate with the State to insure funds are provided to the County as soon as possible after FEMA obligates the funds.
3. As the project proceeds, Thompson will periodically develop requests for draws on funds from the State to meet expenses that have been incurred or that are expected in the near future.
4. When the project is complete, Thompson will work with the State to perform inspections and audits to determine the final cost of accomplishing the eligible work. The work product of this effort will be a report on the completed project to FEMA, certifying that the County's costs were incurred in the completion of eligible work.
5. Thompson will work with FEMA during their review of the report to insure that any cost adjustments are justified in reflecting the actual cost of the eligible work.

During the construction phase of the project Thompson will work with the State to ensure that grant funds are used only for eligible work. In doing so, final costs provided by the State cannot be justified as outside the scope of work approved by FEMA.

**Disaster Cost Recovery and Related Grant and Project Management**

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**2.D Alternate and Improved Project Funding Consultation**

During the course of recovery Thompson will assess and consult with the County on opportunities to implement alternate and improved project funding, which are described in more detail below.

**2.D.1 Alternate Projects**

If Thompson determines that the County would not be best served by restoring a damaged facility or function to its pre-disaster design the project may be considered for funding as an Alternate Project. Typically this occurs when the service provided by the facility is no longer needed, although the facility was still in use at the time of the disaster. Examples of Alternate Projects include:

- Repair or expansion of other public facilities
- Construction of new public facilities
- Purchase of capital equipment
- Funding of hazard mitigation measures in the area affected by the disaster

The alternate project option may be proposed for both small and large projects, but only for permanent restoration projects located within the declared disaster area. Thompson will work with the County, State and FEMA to ensure that all requests for Alternate Projects are made within 12 months of the Kickoff Meeting and to ensure that all regulatory requirements are satisfied during the consideration of Alternate Projects.

**2.D.2 Improved Projects**

Thompson will assist the County with understanding opportunities to make additional improvements while still restoring its facilities to its pre-disaster design. For example, Thompson may help the County to propose laying asphalt on a gravel road or replacing a firehouse that originally had two bays with one that has three. Projects that incorporate such improvements are called Improved Projects. An improved project may be requested for both small and large projects, but must be approved by the State prior to construction.

Thompson will work with the County to ensure that any project that results in a significant change from the pre-disaster configuration (different location, footprint, function, or size) is reviewed by FEMA prior to construction for approval and assist with the completion of the appropriate environmental and/or historical reviews.

**2.E Hazard Mitigation Funding Support**

Hazard Mitigation, Section 406, is a funding source for cost-effective measures that provide for a reduced risk or elimination of the threat of future damage to a facility damaged during a future

**Disaster Cost Recovery and Related Grant and Project Management**

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disaster. The measures must apply only to the damaged elements of a facility rather than to other, undamaged parts of the facility or to the entire system. Thompson will assist the County in identifying opportunities to capitalize on Section 406 opportunities and ensure that project formulation occurs in a manner that promotes the greatest opportunity for Section 406 mitigation on each PW.

**2.F Special Consideration Assistance**

FEMA uses the term Special Considerations to describe issues other than program eligibility that could affect the scope of work and funding for a project. These issues may include, but are not limited to the following:

- Floodplain management
- Insurance policies and proceeds
- Hazard mitigation measures
- Compliance with other Federal laws and regulations, such as those pertaining to protection of the environment and historic preservation

As demonstrated through proposed staffing and credentials, Thompson's consultants maintain domain knowledge in areas considered to be special considerations by FEMA. We are ably assisted by our Sister Company, Thompson Engineering, which stands prepared to provide engineering services in the architectural, civil, electrical, environmental, geotechnical, and structural domains should such services be needed. We are prepared to assist the County in meeting any requirements mandated by the National Environmental Policy Act (NEPA), the Clean Water Act, the Clean Air Act, the Endangered Species Act, the National Historic Preservation Act, and other Federal statutes and executive orders.

**2.G Construction Inspection**

Thompson has provided Construction Engineering and Inspection (CE&I) services throughout the Southeastern U.S. for decades. We have also assisted many of our clients with CE&I services on large construction projects funded by a variety of grant sources including FEMA-PA. This experience provides us with unparalleled methodologies for ensuring that projects are managed and implemented on time and budget. Thompson will assist the County with monitoring contractor performance to ensure that emergency work is completed within the mandated 18

**Disaster Cost Recovery and Related Grant and Project Management**

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months. Finally, we will assist the County with forecasting and developing requests for time extensions to the extent necessary.

**2.H Grant Administration/Financial Reconciliation**

To the extent necessary Thompson will provide the County with clerical and accounting support to assist with administrative functions associated with the FEMA-PA program. Examples of services to be provided/supported include, but may not be limited to the following:

- Review and approval of payment documentation
- Review, prepare, and approve payment to contractors performing eligible disaster related work to ensure that the documentation meets all Federal, State, and County financial requirements
- Assist the County with maintenance of financial records, in accordance with County requirements for financial reporting, to ensure prompt reimbursement from FEMA and the State of Florida
- Assist in preparing payment requests in acceptable formats to ensure reimbursements from FEMA and the State of Florida are obtained in a timely fashion
- Assist the County and coordinate with its personnel in preparing the necessary schedules and performing any required reconciliations to ensure that the costs recorded in the County's financial records are correct and auditable by the County's external auditors
- Collect, gather, organize, and enter data into a database that support information presented on schedules and work papers

Thompson will complete all schedules and work papers using the Microsoft Office suite products, such as Excel, Word, PowerPoint or Access.

**2.I Interim Project Inspections**

Interim project inspections provide an opportunity for FEMA and the State to interface with the County and Thompson regarding any concerns they may have regarding project progress, budget, eligibility, documentation, etc. Thompson will assist the County with interim project inspections through the following:

- Establishing protocols for the inspection
- Ensuring that the inspection is staffed with qualified and credential inspectors
- Taking notes during the inspection

**Disaster Cost Recovery and Related Grant and Project Management**

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- Reviewing any reports developed as a result of the inspection
- Implementing corrective measures as necessary

**2.J Final Project Inspections**

Final project inspections provide an opportunity for FEMA and the State to meet with the County and Thompson to inspect and document the eligible completion of large projects. Thompson will assist the County with final project inspections through the following:

- Establishing protocols for the inspection
- Ensuring that the inspection is staffed with qualified and credential inspectors
- Taking notes during the inspection
- Reviewing any reports developed as a result of the inspection
- Addressing any deficiencies to the satisfaction of FEMA and State for closeout purposes

**2.K Grant Closeout Services**

Following a successful final inspection by the State and FEMA, Thompson will perform a final reconciliation of expenditures to grant funds, insurance proceeds, and other funding sources in order to write a closeout version to the PW to make the County whole on FEMA-PA funding. The grant closure process will also include reconciling each project application to the County's books and outside auditing requirements as deemed necessary.

**2.L Audit Assistance/Defense**

From time to time following the closeout of a PW various Federal and State agencies will submit requests to the County to perform an audit on County records relating to a specific project. In such instances, Thompson will assist the County with audits by completing the following tasks:

- Establishing protocols for the audit
- Ensuring that the audit is staffed with qualified and credential auditors
- Providing auditors to assist with explanations to variances
- Reviewing any audit findings that result from the audit
- Addressing any audit findings to the satisfaction of the auditing agency

**Disaster Cost Recovery and Related Grant and Project Management**

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**2.M Appeals Development**

The appeals process is the opportunity for the County to request reconsideration of decisions regarding the de-obligation of funding in the FEMA-PA program. There are two levels of appeal, and Thompson's consultants maintain considerable experience with working with both. The first level appeal is to the Regional Director. The second level appeal is to the Assistant Director at FEMA Headquarters. While there are a number of reasons for filing an appeal, typical appeals involve the following:

- An entity is not an eligible Applicant
- A facility, an item of work or a project is not eligible for disaster assistance
- Approved costs are less than the Applicant believes is necessary to complete the work
- A requested time extension was not granted
- A portion of the cost claimed for the work is not eligible
- The Applicant disagrees with the approved Scope of Work on the Project Worksheet
- The Applicant incurs a Net Small Project Overrun

In any of the instances above or others that may arise, Thompson stands fully prepared to assist the County with filing an appeal with the State within 60 days of receipt of notice of the action or decision being appealed.

**2.N Direct Administrative Cost Recovery**

Thompson understands that any contract between the County and Thompson is subject to review and comment by FEMA. Furthermore, Thompson is very familiar with the accounting requirements of Disaster Assistance Policy 9525.9, Management Costs and Direct Administrative Costs. In order to maximize the County's cost recovery associated with this contract, Thompson will record its time directly to specific PW's according to the following schedule of categories:

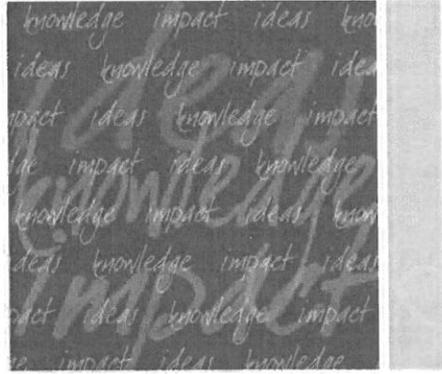
- Listing – Sub-applicant Site Identification
- Listing – Immediate Needs
- Listing – Listing Data Collection and Dissemination
- Listing – Travel Expenses
- Formulation – Financial Compliance Review
- Formulation – Other Funding Anticipation

**Disaster Cost Recovery and Related Grant and Project Management**

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- Formulation – Site Visits
- Formulation – Project Description Development
- Formulation – Project Scope Development
- Formulation – Project Cost Estimation and Documentation
- Formulation – Alternate Site Project Request
- Formulation – Site Improvement Project Request
- Formulation – PW Writing
- Formulation – Travel and Expenses
- Process – Additional Documentation Requests
- Process – Alternate Projects Development
- Process – Improved Projects Development
- Process – Travel and Expenses
- Management – Project Payment Requests
- Management – Project Cost Reconciliations
- Management – Project Inspection
- Management – Evaluating/Estimating Cost Overruns
- Management – Preparing PW Versions for Cost Adjustments
- Management – Other Program Management/Closeout Activities
- Management – Travel and Expenses

Our experience has shown that properly documenting direct administrative and management costs can provide our clients with the opportunity to recover a considerable portion of our total contract costs. Thompson affirmatively states that it has the level of expertise required to maximize the reimbursement of our costs as provided by DAP 9525.9.



Tab 3 - Insurance

knowledge ideas impact



GRMA

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/7/2011

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Stewart Sneed Hewes - Mobile A Division of BancorpSouth Insurance Services P. O. Box 9973 Mobile, AL 36691-0973 (251) 380-1017		<b>CONTACT NAME:</b> Wilson Russ <b>PHONE (A/C No., Ext.):</b> (251) 380-1017 <b>FAX (A/C, No.):</b> (251) 380-1578 <b>E-MAIL ADDRESS:</b> wilson.russ@bxsi.com <b>PRODUCER CUSTOMER ID #:</b> THOMINC-03	
<b>INSURED</b> Thompson Consulting Services LLC 951 Market Promenade Ave Suite 2101 Lake Mary, FL 32746		<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> Evanston Insurance Company <b>INSURER B:</b> Valley Forge Insurance Company <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>	
		<b>NAIC #</b> 35378 20508	

**COVERAGES****CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WYD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY		11PKGM00256	5/10/2011	5/10/2012	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY					DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000
	<input checked="" type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR					MED EXP (Any one person) \$ 5,000
						PERSONAL & ADV INJURY \$ 1,000,000
						GENERAL AGGREGATE \$
						PRODUCTS - COMP/OP AGG \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:					Shared General Aggre \$ 1,000,000
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC					
B	AUTOMOBILE LIABILITY		2097385745	1/1/2011	1/1/2012	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO					BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS					BODILY INJURY (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS					PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS					\$
	<input checked="" type="checkbox"/> NON-OWNED AUTOS					\$
	UMBRELLA LIAB	<input type="checkbox"/> OCCUR				EACH OCCURRENCE \$
	EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE				AGGREGATE \$
	DEDUCTIBLE					\$
	RETENTION \$					\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY		2097385843	1/1/2011	1/1/2012	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N <input checked="" type="checkbox"/> N/A				E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below					E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
						E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Contractors Pollution Liabilit		11PKGM00256	5/10/2011	5/10/2012	Each CPL Condition Limit \$1,000,000
A	Professional Liability		11PKGM00256	5/10/2011	5/10/2012	Each PL Condition Limit \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Certificate holder is included as additional insured as respects general liability as required in written contract.

**CERTIFICATE HOLDER****CANCELLATION**

County of Volusia, RSQ No 11-SQ-114BB Attn Becky Bishop Purchasing and Contracts Division 123 West Indiana Ave Room 302 Deland, FL 32720-4608	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

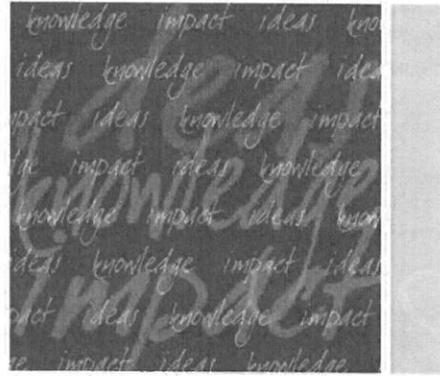
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**Disaster Cost Recovery and Related Grant and Project Management**

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**3. Insurance**

Please note the current policy is a 1-million combined single limit on a claims made basis. Thompson has a binding quotation for increasing these current limits. Upon award Thompson Consulting Services can increase these limits if necessary to satisfy any requirements specific as to this contract.



Tab 4 - Cost Proposal

knowledge ideas impact

**Disaster Cost Recovery and Related Grant and Project Management****4. Cost Proposal**

In accordance with the Request for Statement of Qualifications (RSQ) we have provided our hourly fee schedule. Thompson's approach to providing grant administration and program management services is comprehensive in nature, but scalable to our clients' needs and requests. As such, we are prepared to discuss function, experience, capabilities, etc. of staff that would fall into each position. All rates are subject to the approval of the County.

Thompson proposes the following schedule of rates which will be available to the County for performing the services outlined in the proposal.

Position	Hourly Rates
Office/Clerical	\$29
Field Site Inspector	\$65
Grant Management Analyst	\$70
Data / Document Manager	\$85
Land Surveyor	\$85
Grant Management Specialist	\$90
Environmental Scientist (Regulatory Support)	\$100
Grant Management Consultant	\$110
Project Engineer	\$115
Senior Grant Management Consultant	\$135
Project Manager	\$150
Legislative Affairs Consultant	\$165

The hourly rates provided in the above table are inclusive of all applicable labor cost, overhead, and profit. Direct project expenses will be invoiced to the County at cost without mark-up.

PROPOSAL FORM

July 11, 2011

TO: County of Volusia, Florida
Office of Purchasing and Contracts Director
123 W. Indiana Avenue, Room 302
DeLand, FL 32720-4608

The undersigned hereby declares that [firm name] Thompson Consulting Services, LLC
has carefully examined the specifications to furnish Disaster Cost Recovery and Related
Grant and Project Management for the Finance Division of the County of Volusia for which
proposals were advertised to be received no later than 3:00 p.m., local time, on Tuesday,
July 12, 2011, and further declares that the firm will furnish the services according to
specifications contained herein.

Please respond to the following pertaining to the cost of services:

Sole Proprietor [ ] YES [X] NO Total number of employees 115

Each vendor will provide an hourly cost schedule for personnel to be used to supply
these services or describe the type of costing schedule normally used in these types of
projects. (Submit in Tab 4)

Prompt Payment Discount, if applicable: N/A % Days; Net 45 Days

Do you accept electronic funds transfer (ETF)? [X] YES [ ] NO

Do you offer a discount for electronic funds transfer (EFT)? [ ] YES [X] NO

Have you supplied all the Submittal Requirements outlined below?

- [X] Qualification letter
[X] Methodology
[X] Insurance
[X] Cost Proposal
[X] Conflict of Interest
[X] Business Tax Receipt
[X] References
[X] Addenda
[X] Completed Taxpayer Identification Number (TIN) form
[X] Other Information
[X] Financial Statement, upon request

The County of Volusia reserves the right to reject any or all proposals, to waive informalities,
and to accept all or any part of any proposal as they may deem to be in the best interest of the
County.

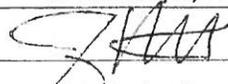
EXHIBIT C

I hereby certify that I have read and understand the requirements of this Request for Statements of Qualifications No. **11-SQ-114BB, Disaster Cost Recovery and Related Grant and Project Management for the Finance Division of the County of Volusia**, and that I, as the respondent, will comply with all requirements, and that I am duly authorized to execute this proposal/offer document and any contract(s) and/or other transactions required by award of this RSQ.

Further, as attested to by below signature, I will provide the required insurance, per *Insurance Requirements* section above, upon notification of recommendation of award.

Company: Thompson Consulting Services, LLC

Per: Jon M. Hoyle, President (Print name)

Signature: 

Address: 951 Market Promenade Avenue, Suite 2101

City: Lake Mary State: FL ZIP: 32746

Telephone: 321.303.2543 Fax: 251.666.6422

E-Mail Address: jhoyle@thompsoncs.net

DUNS#: 96-867-7158 Fed. I.D. #: 45-2015453

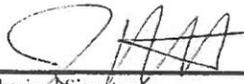
EXHIBIT C

I hereby certify that I have read and understand the requirements of this Solicitation No. **11-SQ-114BB, "Disaster Cost Recovery and Related Grant Project Management for the Finance Division of the County of Volusia "**, and that I, as the Respondent, will comply with all requirements, and that I am duly authorized to execute this proposal/offer document and any contract(s) and/or other transactions required by award of this RSQ.

Further, as attested to by below signature, I will provide the required insurance, per *Insurance Requirements* section above, upon notification of recommendation of award.

---

The vendor acknowledges that information provided in this bid is true and correct:

**x** 

---

Authorized Signature

**Jon M. Hoyle**

---

Printed Name

**President** **July 11, 2011**

---

Title Date

**Thompson Consulting Services, LLC**

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Company Name

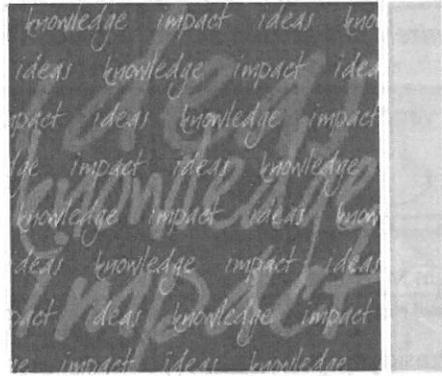
**951 Market Promenade Avenue, Suite 2101, Lake Mary, Florida 32746**

---

Full Address

<b>321.303.2543</b>	<b>251.666.6422</b>	<b>jhoyle@thompsoncs.net</b>
Telephone	Fax	E-mail Address
<b>96-867-7158</b>		<b>45-2015453</b>
Dunn & Bradstreet #		Federal I.D. #

---



Tab 5 - Conflict of Interest Disclosure Form

knowledge  
ideas  
impact

EXHIBIT C

CONFLICT OF INTEREST

I HEREBY CERTIFY that

- I, (printed name) Jon Hoyle, am the (title) President and the duly authorized representative of the firm of (Firm Name) Thompson Consulting Services, LLC whose address is 951 Market Promenade Ave., Ste. 2101, Lake Mary, FL 32746, and that I possess the legal authority to make this affidavit on behalf of myself and the firm for which I am acting; and,
- Except as listed below, no employee, officer, or agent of the firm have any conflicts of interest, real or apparent, due to ownership, other clients, contracts, or interests associated with this project; and,
- This Bid Submittal is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same services, and is in all respects fair and without collusion or fraud.

EXCEPTIONS to items above (List): None

Signature: [Handwritten Signature] Date: July 11, 2011  
 Printed Name: Jon Hoyle  
 Firm Name: Thompson Consulting Services

STATE OF Alabama  
 COUNTY OF Mobile

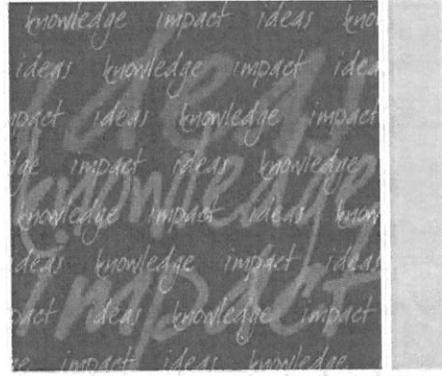
Sworn to and subscribed before me this 11 day of July, 2011, by Jon Hoyle, who is/are personally known to me or who has/have produced \_\_\_\_\_ as identification.

[Handwritten Signature]  
 NOTARY PUBLIC - STATE OF Alabama

Type or print name: Gina M. Noke

Commission No.: \_\_\_\_\_

(Seal) Commission Expires: 12/31/2012



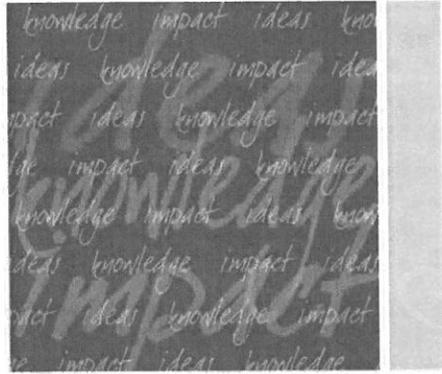
Tab 6 - Business Tax Receipt

knowledge ideas impact

## **6.0 Business Tax Receipt (BTR)**

This section is not required per the RSQ. Thompson Consulting Services, headquartered in Lake Mary, does not have a physical location in Volusia County.

EXHIBIT C



Tab 7 - References / Project Examples

knowledge  
ideas  
impact

**Disaster Cost Recovery and Related Grant and Project Management****7.0 References / Project Examples****7.A References**

Below is a list of references for the project examples attached. These references and project examples attest to versatility of our staff and the capabilities that we maintain in damage assessment, grant application, administration, and program management.

Company Name	Contract Person / Phone No.	Email	Dates Performed	Proposed Team Members
City of Tuscaloosa, AL 2201 University Blvd. Tuscaloosa, AL 35401	Derek Reeves, Associate Finance Director / (205) 248-5175	<a href="mailto:dreeves@tuscaloosa.com">dreeves@tuscaloosa.com</a>	Ongoing	Jon Hoyle Nate Counsell Bob McGill Ericha Loch Nicole Counsell Kyle Hoyle
Calhoun County, AL 236 Town Mart Clanton, AL 35045	Lee Helms, Project Manager / (205) 280-3027	<a href="mailto:lee@leehelmsllc.com">lee@leehelmsllc.com</a>	Ongoing	Jon Hoyle Nate Counsell Kyle Hoyle Wes Holden
Alabama Department of Conservation and Natural Resources 64 N. Union St., Ste. 469 Montgomery, AL 36130	Terry Boyd, P.E., Chief of Engineering / (334) 242-3476	<a href="mailto:Terry.Boyd@dcnr.alabama.gov">Terry.Boyd@dcnr.alabama.gov</a>	Ongoing	Jon Hoyle Nate Counsell Kyle Hoyle Wes Holden

Please see the attached project examples for the names of the projects, location, type, relevance to this RSQ, and value for the reference identified above.

**7.B Project Examples**

Per the RSQ, we have attached three projects illustrating our qualifications to perform the scope of services under this contract.

EXHIBIT C

*City of Tuscaloosa, AL*  
**Disaster Grant  
Administration**

*Owner*  
**City of Tuscaloosa**  
Finance Department  
2201 University Blvd.  
Tuscaloosa, Alabama 35401

*Contact*  
Derek W. Reeves  
205.248.5175

*Location*  
City of Tuscaloosa, Alabama

*Contract Value*  
\$750,000



The City of Tuscaloosa, home to the University of Alabama Crimson Tide, is widely regarded as ground zero of the crippling tornados of April 2011 that tore through central and northern Alabama. Although, the effects of the tornado were catastrophic, the City nearly escaped one of the worst tornado disasters in history with the tornado just missing high density student housing and the City's hospital by just hundreds of feet. Thompson Consulting Services was selected by the City of Tuscaloosa (City), through an RFP process, as the firm best suited to assist it with its FEMA Public Assistance program application, administration and program management.

Thompson Consulting Services is currently assisting the City with seeking reimbursement for over \$60 million of damages related to FEMA Categories B – G with the United States Army Corps of Engineers managing the City's debris removal and management effort. Thompson Consulting Services is spearheading the City's effort to file insurance claims for an additional \$30 million in losses. The project will require the submission of more than 100 project worksheets and the review of dozens of insurance claims.

*Relevant Tasks*

Small/Large Project Worksheet Development | Interim Project Inspections | Insurance Subrogation  
Alternate/Improved Project Consultation | Hazard Mitigation Funding Application | Construction Inspection  
Final Project Inspections | Grant Closeout Services | Audit Assistance



EXHIBIT C

*Calhoun County, AL*

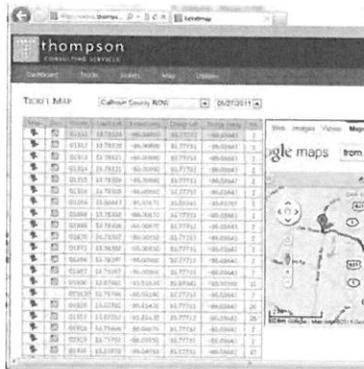
# *Disaster Grant Administration*

*Owner*  
**Calhoun County**  
236 Town Mart  
Clanton, AL 35045

*Contact*  
Lee Helms  
205.280.3027

*Location*  
Calhoun County, Alabama

*Contract Value*  
\$3,000,000



During April of 2011 north/central Alabama, eastern Mississippi, northwest Georgia, and southeast Tennessee, was stricken with a record-breaking number of crippling, deadly tornados. Thompson Consulting Services was engaged by Calhoun County (County) to provide disaster response and recovery consulting services including grant administration and debris removal monitoring in areas of the County devastated by F-4 and F-5 tornados. The powerful storm downed power lines and trees and destroyed hundreds of homes. Within hours of a notice to proceed, Thompson Consulting Services deployed a management team to begin assessing the impacted areas of the County.

Thompson Consulting Services was initially tasked with providing assistance with preliminary damage assessment (PDA), monitoring right-of-way restoration, as well as administering and monitoring contracted debris removal from private property through a Right-of-Entry (ROE) program as part of Operation Clean Sweep, an expedited private property debris removal program implemented by FEMA and the Alabama Emergency Management Association. With the assistance of Thompson Consulting Services, Calhoun County was one of the first communities in the State to implement its disaster response and recovery program. In addition to this work, Thompson Consulting Services has assisted the County on an as needed basis with services related to the restoration of their County infrastructure.

### *Relevant Tasks*

Damage Assessment | Recovery Planning | Daily QA inspection | Contractor Invoice Reconciliation  
Financial Accounting | Preparation of operations reports | Federal and state agency coordination  
Reporting variances from contract requirements | Right-of-Entry Program Design and Administration



EXHIBIT C

*ADCNR - State Parks Division*  
**Disaster Grant  
Administration**

*Owner*  
**Alabama Department of  
Conservation and Natural Resources**  
State Parks Division  
Folsom Admin. Bldg., Room 469  
64 North Union Street  
Montgomery, AL 36130

*Contact*  
Terry Boyd  
334.868.9851

*Location*  
Guntersville, Buck's Pocket, and  
Morgan's State Parks, Alabama

*Contract Value*  
\$1,500,000



Following the crippling tornados of April 2011 throughout central and northern Alabama, Thompson Consulting Services was engaged by the Alabama Department of Conservation and Natural Resources (ADCNR) to assist it with assessing the damages left by the storm and assisting it with garnering funding through the FEMA Public Assistance program to aid in the restoration of its Lake Guntersville, Buck's Pocket and Morgan's Cove State parks to their pre-storm condition. The magnitude of the damage was almost incomprehensible with the camp grounds being totally destroyed, bath and shower facilities completely displaced, and significant damage to its chalets, cabins, and lodge facilities.

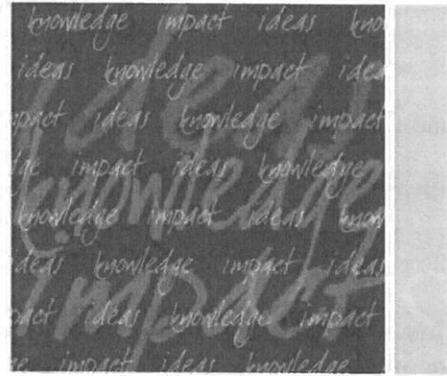
In addition to the infrastructure damage, ADCNR was faced with the necessity to remove massive amounts of debris from its roadways, trail system and fire lines. Cost estimates for debris removal alone are expected to exceed \$4million. All told, the ADCNR sustained damages eligible for Categories A, B, C, E, F, and G.

*Relevant Tasks*

Damage Assessment | Recovery Planning | Daily QA inspection | Contractor Invoice Reconciliation  
Financial Accounting | Preparation of operations reports | Federal and state agency coordination  
Reporting variances from contract requirements



EXHIBIT C



Tab 8 - Addenda

knowledge  
ideas  
impact



**FINANCIAL AND ADMINISTRATIVE SERVICES**  
**Purchasing and Contracts**

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(386) 626-6623 • Fax (386) 736-5972  
e-mail: [purchasing@co.volusia.fl.us](mailto:purchasing@co.volusia.fl.us)  
[www.volusia.org](http://www.volusia.org)

June 10, 2011

**Subject: ADDENDUM NO. 1, to RSQ No. 11-SQ-114BB, "Disaster Cost Recovery & Related Grant and Project Management For The Finance Division Of The County Of Volusia"**

**This Addendum is being issued to clarify questions and make changes to the RSQ. This document and all changes, as listed below, shall become an integral part of the RSQ and shall take precedence over what was previously stated in the original RSQ.**

**Question:** Does the County have currently, or has the County recently had, a contract with another firm for these services? If so, what is the name of the firm/contractor?

**Answer:** Yes, the County currently has contracts with PBS&J and RW Block Consulting, Inc.

**Question:** Regarding Proposed Schedule, RFP Page 7 of 26, given that the contract would not go into effect until October 2011, how will the County address the need for similar services should they be needed during the 2011 hurricane season (or other declared emergencies)?

**Answer:** By using the current contracts which expire 10/04/11.

**Question:** RFP Page 1 of 26 states that "It is anticipated that one or two firm(s) shall be selected to provide the necessary services...". If more than one firm is selected, how will the County procure services (i.e., will one firm serve as the primary provider, will the two firms compete for task orders, etc?)

**Answer:** The first ranked firm is called and if they are unavailable then the second ranked firm is called.

**The Section entitled "Insurance Requirements" on Page 9 have been replaced with the requirements detailed below.**

## **INSURANCE REQUIREMENTS**

### **A. General Insurance Requirements:**

1. All insurance policies shall be issued by insurers licensed and/or duly authorized under Florida Law to do business in the State of Florida and all insuring companies are required to have a minimum rating of *A-* in the

EXHIBIT C

"Best Key Rating Guide" published by A.M. Best & Company, Inc.

2. Approval by County of any policy of insurance shall not relieve Contractor from its responsibility to maintain the insurance coverage required herein for the performance of Work or Services by the Contractor or its Subcontractors for the entire term of the resulting Contract and for such longer periods of time as may be required under other clauses of the resulting Contract.
3. Waiver of Subrogation. The County and the Contractor hereby waive all rights against each other and their Subcontractors to the extent of the risk coverage by any insurance policy required hereunder for damages by reason of any claim, demand, suit or settlement (including workers' compensation) for any claim for injuries or illness of anyone, or perils arising out of the resulting Contract. The Contractor shall require similar waivers from all its Subcontractors. This provision applies to all policies of insurance required under the resulting Contract (including Workers' Compensation and general liability).
4. County Not Liable for Paying Deductibles. For all insurance required by Contractor, the County shall not be responsible or liable for paying deductibles for any claim arising out of or related to the Contractor's business or any Subcontractor performing Work or Services on behalf of the Contractor or for the Contractor's benefit under the resulting Contract.
5. Cancellation Notices. During the term of the resulting Contract, Contractor shall be responsible for promptly advising and providing the County's Risk Management and the Purchasing and Contracts divisions with copies of notices of cancellation or any other changes in the terms and conditions of the original insurance policies approved by the County under the resulting Contract within two (2) calendar days of receipt of such notice or change.
6. For any on-site Work performed by or on behalf of Contractor on County property, the County shall be named as an additional insured or additional named insured subject to review and determination by County's Risk Manager on all policies required under the resulting Contract.
7. Deductibles. For purposes of the resulting Contract, Contractor shall not obtain an insurance policy with a deductible or self-insurance provision.

**B. Proof of Insurance**

1. The Contractor and its Subcontractors shall be required to furnish evidence of all required insurance in the form of certificates of insurance, which shall clearly outline all hazards covered as itemized herein, the

EXHIBIT C

amounts of insurance applicable to each hazard, and the expiration dates.

2. The Contractor shall furnish proof of insurance acceptable to the County prior to or at the time of execution of the resulting Contract and the Contractor shall not commence Work or provide any Service until the Contractor has obtained all the insurance required under the resulting Contract and such insurance has been filed with and approved by the County. Upon request from the County, the Contractor shall furnish copies of the following types of insurance policies and any changes or amendments thereto, immediately, to the County and County's Risk Management and Purchasing and Contracts Divisions, prior to the commencement of any contractual obligations. The resulting Contract may be terminated by the County, without penalty or expense to County, if at any time during the term of the resulting Contract proof of any insurance required hereunder is not provided to the County.
3. All certificates of insurance shall clearly indicate that the Contractor has obtained insurance of the type, amount and classification required by this Section entitled Insurance Requirements. No Work or Services by Contractor or its Subcontractors shall commence until County has approved these policies or certificates of insurance. Further, the Contractor agrees that the County shall make no payments pursuant to the terms of the resulting Contract until all required proof or evidence of insurance has been provided to the County. The resulting Contractor may be terminated by the County, without penalty or expense, if proof of any insurance required hereunder is not provided to the County.
4. The Contractor shall file replacement certificates with the County at the time of expiration or termination of the required insurance occurring during the term of the resulting Contract. In the event such insurance lapses, the County expressly reserves the right to renew the insurance policies at the Contractor's expense or terminate the resulting Contract but County has no obligation to renew any policies.

**C. Required Types of Insurance.**

The Contractor shall purchase and maintain, at its own expense, during the term of the resulting Contract the following types and amounts of insurance in the form and from companies satisfactory to the County.

1. Workers' Compensation Insurance. Workers' Compensation insurance is required for all employees of the Contractor employed or hired to perform or provide Work or Services under the resulting Contract or that are in any way connected with Work or Services performed under the resulting Contract, without exclusion for any class of employee, and shall comply fully with the Florida Workers' Compensation Law (Chapter 440, Florida

EXHIBIT C

Statutes, Workers' Compensation Insurance) and include Employers' Liability Insurance with limits of not less than FIVE HUNDRED THOUSAND DOLLARS (\$500,000) per occurrence.

- a. Contractor and its Subcontractors, or any associated or subsidiary company doing Work on County property or under the resulting Contract must be named in the Workers' Compensation coverage or provide proof of their own Workers' Compensation coverage, without exclusion of any class of employee, and with a minimum of FIVE HUNDRED THOUSAND DOLLARS (\$500,000) per occurrence for Employer's liability coverage. Further, if the Contractor's Subcontractors fail to obtain Workers' Compensation insurance and a claim is made against the County by the uncovered employee of said Subcontractor of the Contractor, the Contractor shall indemnify, defend, and hold harmless the County from all claims for all costs including attorney's fees and costs arising under said employee(s) Workers' Compensation insurance claim(s).
2. Commercial General Liability Insurance. Commercial General Liability insurance, with a limit of not less than ONE MILLION DOLLARS (\$1,000,000) and the aggregate limit shall be not less than TWO MILLION DOLLARS (\$2,000,000) on an occurrence basis including coverage for the Contractor's operations, independent Contractors, Subcontractors and "broad form" property damage coverages protecting itself, its employees, agents, Contractors or subsidiaries and their employees or agents for claims for damages caused by bodily injury, property damage, or personal or advertising injury, products liability/completed operations including what is commonly known as groups A, B, and C (libel, false arrest, slander). Such policies shall include coverage for claims by any person as a result of actions directly or indirectly related to the employment of such person or entity by the Contractor or by any of its Subcontractors arising from Work or Services performed under the resulting Contract. Public liability coverage shall include either blanket contractual insurance or a designated contract contractual liability coverage endorsement, indicating expressly the Contractor's contract to indemnify, defend, and hold harmless the County as provided in the resulting Contract. The commercial general liability policy shall be endorsed to include the County as an additional insured unless the County's Risk Manager determines that it should be named as an additional named insured. The commercial general liability policy shall provide exclusive coverage for the location or project site where the Work or Services are to be performed under the resulting Contract. In the alternative, the commercial general liability policy shall be endorsed to provide the Designated Location(s) General Aggregate Limit Endorsement ISO form CG 25 04 05 09, or equivalent.

EXHIBIT C

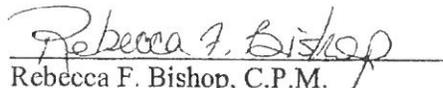
3. Motor Vehicle Liability. The Contractor shall secure and maintain during the term of the resulting Contract, motor vehicle coverage in the split limit amounts of no less than ONE HUNDRED THOUSAND DOLLARS (\$100,000) per person / THREE HUNDRED THOUSAND DOLLARS (\$300,000) per occurrence for bodily injury and ONE HUNDRED THOUSAND (\$100,000) for property damage or a combined single limit of THREE HUNDRED THOUSAND (\$300,000) (including “Any Auto” coverage which includes automobiles, whether owned, non-owned, or hired), protecting itself, its employees, agents, or lessees, or subsidiaries and their employees or agents against claims arising from the ownership, maintenance, or use of a motor vehicle.
4. Primary and Excess Coverage. Any insurance required may be provided by primary and excess insurance policies.
5. Professional Liability. The Contractor shall ensure that the Contractor or the Contractor’s Subcontractor secures and maintains, during the term of the resulting Contract, Professional Liability insurance with limits of not less than ONE MILLION DOLLARS (\$1,000,000). Such policy shall cover all of the Contractor’s or Subcontractor’s professional liabilities whether occasioned by the Contractor or its Subcontractors, or their agents or employees.
  - a. It is the Contractor's responsibility to verify and cause its Subcontractors to maintain this coverage in strict accordance with the stipulations of the resulting Contract. If the Contractor or its Subcontractor fails to secure and maintain the professional liability insurance coverage required herein, the Contractor shall be liable to the County and agrees to indemnify, defend, and hold harmless the County against all claims, actions, losses or damages that would have been covered by such insurance.
  - b. For policies written on a “Claims-Made” basis, the Contractor or its Subcontractors must maintain a retroactive date prior to or equal to the effective date of the resulting Contract. The Contractor shall require its Subcontractors to purchase a Supplemental Extended Reporting Period (“SERP”) with a minimum reporting period of not less than three (3) years in the event a Subcontractor’s policy is canceled, not renewed, switched to occurrence form, or any other event which requires a purchase of SERP to cover a gap in insurance for claims which may arise under or related to the resulting Contract. The Contractor’s or Subcontractor’s purchase of the SERP shall not relieve the Contractor or its Subcontractors of the obligation to provide replacement coverage. In addition, the Contractor shall require its Subcontractors to have the Subcontractor’s carrier immediately inform the Contractor, and the County of Volusia’s Risk Management

EXHIBIT C

Division and the Purchasing and Contracts Division of any contractual obligations that may alter its professional liability coverage under the resulting Contract.

- D. The provisions of this Article shall survive the cancellation or termination of the resulting Contract.

Please sign and attach this addendum to your proposal submittal. If you have any questions regarding this information, please contact Becki Bishop, Procurement Manager, at 386-822-5764 or [rbishop@co.volusia.fl.us](mailto:rbishop@co.volusia.fl.us).

  
Rebecca F. Bishop, C.P.M.  
Procurement Manager

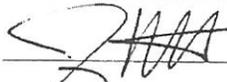
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**Please sign and return with proposal**

Vendor: Thompson Consulting Services, LLC

Signed by (Name/Position):



Jon Hoyle / President

Phone No.: 321.303.2543

Date: July 11, 2011

**FAILURE TO RETURN THIS ENTIRE ADDENDUM WITH THE BID SUBMITTAL  
MAY CAUSE THE PROPOSAL TO BE RENDERED NON-RESPONSIVE.**



*FINANCIAL AND ADMINISTRATIVE SERVICES*  
*Purchasing and Contracts*

123 West Indiana Avenue • Room 304 • DeLand, FL 32720-4608  
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e-mail: [purchasing@co.volusia.fl.us](mailto:purchasing@co.volusia.fl.us)  
[www.volusia.org](http://www.volusia.org)

June 17, 2011

**Subject: ADDENDUM NO. 2, to RSQ No. 11-SQ-114BB, "Disaster Cost Recovery & Related Grant and Project Management For The Finance Division Of The County Of Volusia"**

**This Addendum is being issued to clarify questions and make changes to the RSQ. This document and all changes, as listed below, shall become an integral part of the RSQ and shall take precedence over what was previously stated in the original RSQ and previous Addenda.**

**Question:** The RFP states - "To be responsive to this solicitation, each Respondent who is currently required to have a Business Tax Receipt (BTR) at the time of submittal shall provide a copy of their current BTR in their response to this solicitation."  
a. Overall question: what are the requirements for a business to obtain a BTR?  
b. Our firm had a BTR when we had an office located within the County. Now that the office is closed, are we still required to obtain a BTR for this pursuit?

**Answer:** This is a Request for Statement of Qualifications (RSQ), not a Request for Proposals (RFP).  
a. Business Tax Receipts, formerly known as Volusia County Occupational Licenses, may be purchased in the Revenue Department. It is a license to do business within Volusia County for businesses that have a physical location in Volusia County.  
b. Firms that do not have a physical location within Volusia County are not required to possess a Volusia County BTR.

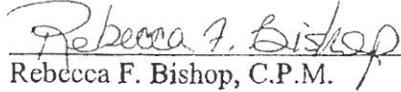
**Question:** For Tab 7 (page 20 of RFP), under the first paragraph you are asking for 3 references. In the 2nd paragraph you are asking for similar projects.  
a. We understand this to mean that we are to submit 3 reference projects and then include additional projects of similar nature (with the additional projects being different from the 3 reference projects). Is this correct?  
b. Can the additional projects, since not being used as a reference, be ones that were done for Volusia County?

**Answer:** This is a Request for Statement of Qualifications (RSQ), not a Request for Proposals (RFP).  
a. It is the County's intent that the three reference projects be similar in nature and magnitude to the Scope of Service requested in the RFP, the County is not requesting an additional three projects.

EXHIBIT C

- b. The County may not be utilized as a reference.

Please sign and attach this addendum to your proposal submittal. If you have any questions regarding this information, please contact Becki Bishop, Procurement Manager, at 386-822-5764 or [rbishop@co.volusia.fl.us](mailto:rbishop@co.volusia.fl.us).

  
Rebecca F. Bishop, C.P.M.  
Procurement Manager

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**Please sign and return entire addendum with proposal**

Vendor: Thompson Consulting Services, LLC  
Signed by (Name/Position):  Don Hoyle/President  
Phone No.: 321.303.2543 Date: July 11, 2011

**FAILURE TO RETURN THIS ENTIRE ADDENDUM WITH THE BID SUBMITTAL  
MAY CAUSE THE PROPOSAL TO BE RENDERED NON-RESPONSIVE.**



**FINANCIAL AND ADMINISTRATIVE SERVICES**

**Purchasing and Contracts**

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(386) 626-6623 • Fax (386) 736-5972

e-mail: [purchasing@co.volusia.fl.us](mailto:purchasing@co.volusia.fl.us)

[www.volusia.org](http://www.volusia.org)

June 24, 2011

**Subject: ADDENDUM NO. 3, to RSQ No. 11-SQ-114BB, "Disaster Cost Recovery & Related Grant and Project Management For The Finance Division Of The County Of Volusia"**

**This Addendum is being issued to clarify questions and make changes to the RSQ. This document and all changes, as listed below, shall become an integral part of the RSQ and shall take precedence over what was previously stated in the original RSQ and previous Addenda.**

**Question:** Will the Contractor be required to provide staff /expertise to perform cost estimation and damage assessments?

**Answer:** The departments/divisions will perform the cost estimations.

**Question:** Will the Contractor be tasked with the preparation of large Project Worksheets?

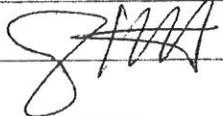
**Answer:** The Project Worksheets will be prepared by the Contractor in conjunction with the departments/divisions based upon information compiled by the departments/divisions.

Please sign and att ach this addendum to your proposal submittal. If you have any questions regarding this information, please contact Becki Bishop, Procurement Manager, at 386-822-5764 or [rbishop@co.volusia.fl.us](mailto:rbishop@co.volusia.fl.us).

Rebecca F. Bishop, C.P.M.  
Procurement Manager

**Please sign and return entire addendum with proposal**

Vendor: Thompson Consulting Services, LLC

Signed by (Name/Position):  Jon Hoyle/President

Phone No.: 321.303.2543 Date: July 11, 2011

**FAILURE TO RETURN THIS ENTIRE ADDENDUM WITH THE BID SUBMITTAL MAY CAUSE THE PROPOSAL TO BE RENDERED NON-RESPONSIVE.**



**FINANCIAL AND ADMINISTRATIVE SERVICES**  
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[www.volusia.org](http://www.volusia.org)

July 01, 2011

**Subject: ADDENDUM NO. 4, to RSQ No. 11-SQ-114BB, "Disaster Cost Recovery & Related Grant and Project Management For The Finance Division Of The County Of Volusia"**

**This Addendum is being issued to clarify questions and make changes to the RSQ. This document and all changes, as listed below, shall become an integral part of the RSQ and shall take precedence over what was previously stated in the original RSQ and previous Addenda.**

**A Cost Proposal Form has been added as an attachment to this Addendum.  
This form shall be completed and submitted in Tab 4 with the Cost Proposal.**

**Question:** Addendum No. 1 to the RSQ clarified insurance requirements. However, on page 19, in Tab 3 - Insurance, it states "Attach evidence of required insurance coverage or proof of insurability in the amounts indicated."

- a. Are we required to submit proof of insurance in the qualifications packet or will that be required upon notification of recommendation of award as stated on page 22 of the RSQ.
- b. Do you want us to submit the form on page 22 in the Tab 3 section?

**Answer:** a. Submit documentation of insurance the firm currently has. The County does not require respondents to purchase insurance to submit a proposal.

- b. The form on page 22 should be submitted in Tab 4 with the Cost Proposal.

Please sign and attach this addendum to your proposal submittal. If you have any questions regarding this information, please contact Becki Bishop, Procurement Manager, by phone at 386-822-5764 or e-mail [rbishop@co.volusia.fl.us](mailto:rbishop@co.volusia.fl.us).

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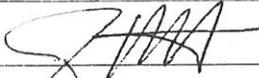
Rebecca F. Bishop, C.P.M.  
Procurement Manager

---

**Please sign and return entire addendum with proposal**

EXHIBIT C

Vendor: Thompson Consulting Services, LLC

Signed by (Name/Position):  Jon Hoyle/President

Phone No.: 321.303.2543 Date: July 11, 2011

**FAILURE TO RETURN THIS ENTIRE ADDENDUM WITH THE BID SUBMITTAL MAY CAUSE THE PROPOSAL TO BE RENDERED NON-RESPONSIVE.**



EXHIBIT C

I hereby certify that I have read and understand the requirements of this Request for Statements of Qualifications No. **11-SQ-114BB, Disaster Cost Recovery and Related Grant and Project Management for the Finance Division of the County of Volusia**, and that I, as the respondent, will comply with all requirements, and that I am duly authorized to execute this proposal/offer document and any contract(s) and/or other transactions required by award of this RSQ.

Further, as attested to by below signature, I will provide the required insurance, per *Insurance Requirements* section above, upon notification of recommendation of award.

Company: \_\_\_\_\_

Per: \_\_\_\_\_ (Print name)

Signature: \_\_\_\_\_

Address: \_\_\_\_\_

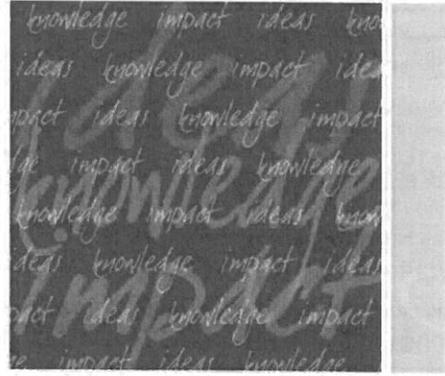
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

DUNS#: \_\_\_\_\_ Fed. I.D. #: \_\_\_\_\_

EXHIBIT C



Tab 9 - Completed TIN Form

knowledge  
ideas  
impact

EXHIBIT C

**Taxpayer Identification Number (TIN) and Certification  
(Substitute for IRS Form W-9)**

County of Volusia, Florida  
Accounting  
123 W Indiana Ave, Room 302  
DeLand, Florida 32720

Certification of TIN and business name are required for all successful bidders prior to issuing a contract or purchase order. Completion of this form is necessary to meet IRS regulations.

List your **legal business name** below as shown on your income tax return. **Sole proprietors** should list their individual name as noted on your social security card on Name line (1). You may enter a business name on Business Name line (2). Other entities must list your business name as shown on Federal tax documents on Name line (1). This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on the Business Name line (2). For **limited liability companies (LLC)** that are owned by an individual, the owner's name must be listed in the Name line (1) and the business name may be listed on the Business Name line (2). For **limited liability companies** that are corporations, partnerships, etc., enter the business name on Name line (1)

1. Name (as shown on your income tax return)  
**Thompson Consulting Services, LLC**

2. Business name, if different from above  
**Thompson Consulting Serivces-TCS, LLC**

Address **951 Market Promenade Ave., Ste. 2101**

City **Lake Mary** State **FL** Zip Code + 4 **32746-7616**

Remittance Address, if different from above **N/A**

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code + 4 \_\_\_\_\_

Contact Person **Jon Hoyle** Title **President**

Phone Number **(321) 303 - 2543** Ext. \_\_\_\_\_ Fax Number **(251) 666 - 6422**

E-mail address **jhoyle@thompsoncs.net**

**Taxpayer Identification Number (TIN)**

The County of Volusia collects your social security number and may disclose your social security number to a commercial entity in order to comply with Section 119.071(5), Florida Statutes, for the following purposes, including but not limited to: tax reporting, and/or for use in identification of County vendors for any purpose allowed under law not limited by protection under state or federal privacy laws. Social security numbers are also used as a unique numeric identifier and may be used for verification or search purposes. The County may disclose social security numbers to another agency or governmental entity if it is necessary for the receiving agency or governmental agency to perform its duties and responsibilities.

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line1. For individuals, this is your social security number (SSN). For other entities, it is your employer identification number (EIN). Note, this is the TIN shown on your federal tax documents.

Social security number \_\_\_\_\_ or Employer identification number **45-2015453**

CHECK HERE IF YOU ARE EXEMPT FROM BACK-UP WITHHOLDING  
 CHECK HERE IF YOU ARE TAX-EXEMPT; Check one:  Not-for-Profit  Government  Other-Explain

Filing Status (Ownership) (LLC IS NOT ACCEPTABLE)

Individual  Sole Proprietor  
 Corporation  Partnership  
 Other: (explain) \_\_\_\_\_

**CERTIFICATION: Under penalties of perjury, I certify that:**

1. The number shown on this form is my correct tax payer identification number (or I am waiting for a number to be issued to me), and  
 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me I am no longer subject to backup withholding, and  
 3. I am a U. S. person (including a U.S. resident alien).

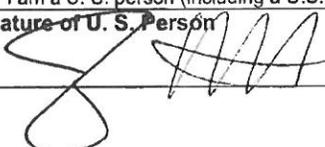
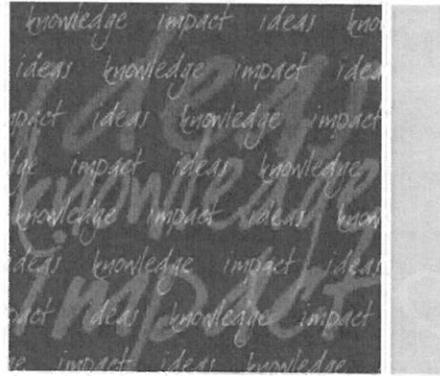
Signature of U. S. Person  Date **7/7/11**

EXHIBIT C



Tab 10 - Other Information

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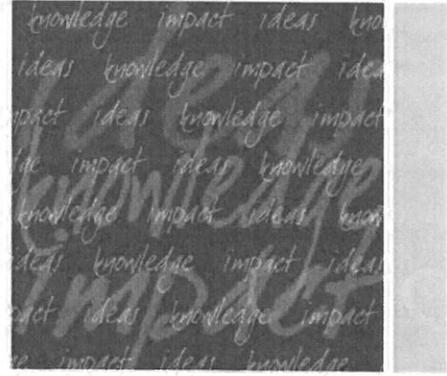
**Disaster Cost Recovery and Related Grant and Project Management**

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**10.0 Other Information**

This section is intentionally left blank.

EXHIBIT C



Tab 11 - Financial Stability

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**Disaster Cost Recovery and Related Grant and Project Management****11. Financial Stability**

Thompson has been in business for over 58 years. We are financially stable and have the necessary resources, personnel and financial resources, to provide the services at the level required by the County of Volusia. ***Our goal: To provide the highest level of consulting services to our customers in a cost effective manner.*** Through attainment of this goal we have been able to develop long-lasting relationships with our clients which have allowed our Company significant growth over the last 15 years.

Our commitment to the above stated goal has resulted in a steady increase in revenues from \$8.5-million in 1997 to over \$70-million in 2010. Contrary to the industry, our revenue growth continued during the 2008 – 2010 recession with 2010 being a record year for bottom line results.

*Duns Reference Number Thompson Consulting Services:*  
96-867-7158.

*Duns Reference Number Thompson Engineering:*  
03-404-1848.

*Duns Reference Number Thompson Holdings, Inc.:*  
01-177-1195.

A copy of our financial statement is available upon request by the County.

Thompson enjoys a fine reputation in the engineering, architecture and consulting industries and is not involved in any pending non-defensible litigation that might affect our ability to perform under this contract. In addition, our company and key personnel have not failed to complete a project or contract.

**Thompson Holdings Revenue***Past five years*

2010 - \$70,655,568

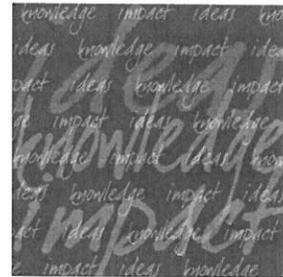
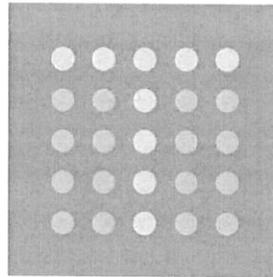
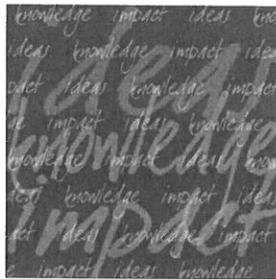
2009 - \$42,724,666

2008 - \$44,762,845

2007 - \$35,605,199

2006 - \$38,581,675

EXHIBIT C



951 Market Promenade Avenue, Suite 2101  
Lake Mary, Florida 32746  
321.303.2543  
[www.thompsoncs.net](http://www.thompsoncs.net)

thompson  
CONSULTING SERVICES

EXHIBIT D  
THOMPSON CONSULTING SERVICES  
FEE SCHEDULE

<u>Position</u>	<u>Hourly</u>
Office/Clerical	\$29.00
Field Site Inspector	\$65.00
Grant Management Analyst	\$70.00
Data/Document Manager	\$85.00
Land Surveyor	\$85.00
Grant Management Specialist	\$90.00
Environmental Scientist (Regulatory Support	\$100.00
Grant Management Consultant	\$110.00
Project Engineer	\$115.00
Senior Grant Consultant	\$135.00
Project Manager	\$150.00
Legislative Affairs Consultant	\$165.00

Direct project expenses will be invoiced to the County at cost without mark-up

All travel expenses will be subject to the Volusia County Travel and Training Policy as set forth in the County's web site; <http://www.volusia.org/purchasing/>

**COUNTY OF VOLUSIA  
TRAVEL AND TRAINING POLICY**

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Updated: Council action 10/15/2009

# COUNTY OF VOLUSIA TRAVEL AND TRAINING POLICY

## **PURPOSE:**

The purpose of this policy is to establish the requirements:

1. To pay and/or reimburse expenses incurred by individuals while traveling on official, County of Volusia business. It is intended that the policies set forth will effectively minimize the County's travel costs without unfairly burdening the individual traveler.
2. To establish the requirements to pay and/or reimburse authorized individuals for expenses associated with entertaining potential business clients.

## **PART I - TRAVEL**

### **Section 1. General Policies**

#### **1.1 Scope and Responsibility**

These regulations shall apply to all individuals who are authorized to travel on official, County business. These individuals are expected to exercise the same care in incurring expenses that a prudent person would exercise if traveling on personal business.

All travel must be pre-approved by the applicable authorizing agent. The individuals who are authorized to approve travel expenses are responsible for ensuring that the regulations are followed. Department directors or their division directors (if designated) will approve travel for all employees within their departments and any other persons under their control. Either the Deputy County Manager or County Manager must approve department directors' travel. All foreign travel also must include approval by either the County Manager or Deputy County Manager. The Deputy County Manager's travel request will be referred to the County Manager for approval. The Deputy County Manager will approve the County Manager's travel. County Council members' travel requests will be approved by the County Manager.

#### **1.2 Definitions**

**Foreign Travel:** Travel outside the United States.

**Official Headquarters:** The location(s) where the employee is assigned to work except that:

- The official headquarters of a person located in the field shall be the location(s) nearest to the area where the majority of his work is performed, or such other location(s) as may be designated by the department/division director; provided that, in all cases, such destination must be in the best interests of the department/division and not for the convenience of the person. When appropriate, the department/division director may assign an employee to more than one official headquarters.
- When an employee is stationed at a location(s) for a period of over 30 continuous workdays, such location(s) shall be deemed his official headquarters. He shall not be allowed travel expenses after the said period of 30 continuous days has elapsed, unless this period of time is extended by the express approval of the department/division director.

**Traveler:** Elected official, employee, advisory board member, volunteer, and anyone else who is authorized to travel on official, County business.

**Vicinity Mileage:** Upon reaching destination, travel required to conduct official, County business.

### **1.3 Travel agent**

Travelers are encouraged to use independent travel agent(s) contracted by the County to provide travel management services. It is recommended the following travel arrangements be made by the designated agent(s):

- Transportation reservations and issuance and delivery of tickets, itineraries, advance boarding passes, and assignment of seats for air, rail, and bus carriers.
- Vehicle rental services.
- When appropriate hotel/motel accommodations to ensure the lowest possible rate.

### **1.4 Fraudulent claims**

Florida Statutes, Chapter 112.061(10), states "...any person who willfully makes and subscribes any such claim which he or she does not believe to be true and correct as to every material matter, or who willfully aids or assists in, or procures, counsels, or advises the preparation or presentation under the provisions of this section of a claim which is fraudulent or is false as to any material matter, whether or not such falsity or fraud is with the knowledge or consent of the person authorized or required to present such claim, is guilty of a misdemeanor of the second degree, punishable as provided in s. 775.082 or s. 775.083". Whoever shall receive an allowance or reimbursement by means of a false claim shall be civilly liable in the amount of the overpayment for the reimbursement of the public fund from which the claim was paid."

### **1.5 Authorization to issue procedures**

The County Manager is authorized to issue procedures necessary to enforce the regulations created by this policy.

### **1.6 Education, Training and Lobbying Polices for County Council Members**

The County Chair and County Council Members are authorized to travel to various state and national conferences/workshops and/or to meet with legislators in Tallahassee and Washington D.C. The purpose of this travel is to stay abreast of current trends in local, state and national government so that the County Council will be aware of and able to take leadership positions on policy decisions that affect the County's economy and quality of life.

The goal of the County Council's travel policy is to make transparent to Volusia citizens the Council's attendance at events, travel plans, and cost. Conferences that County Council Members plan to attend will be listed on the Council's calendar prior to the event. Whenever possible, the Council members will share information regarding the event during Council time at the next regularly scheduled meeting following the event.

Generally attending conferences and workshops include the following:

- NACo Legislative Conference
- FAC Legislative Conference
- FAC Annual Conference
- FAC Committee Workshops and Board of Directors Meeting
- NACo National Conference
- NACo Committee Workshops and Board of Directors meetings
- National League of Cities
- Florida League of Cities
- FAC County Commissioner's Certification Program
- FAC Advanced Leadership Program
- Florida Counties Foundation
- Governor's Hurricane Conference
- American Heritage Rivers National Meeting

This is not an exclusive list and may be amended as needed from time to time by action of the Council.

The County Council travel budget will cover costs for attendance at all of the above, and will include an additional 10% annually to cover the cost of sub-committee meetings, special issues conferences, workshop meetings, symposia, and other meetings on topics of a local or regional nature.

## **Section 2. Out-of-County Travel**

### **2.1 Transportation**

#### **A. Routing of travel**

All travel must be by the most reasonable direct route. If a person travels by an indirect route for his own convenience, any extra cost shall be borne by the traveler. Reimbursement for expenses shall be based only on such charges as would have been incurred by a usually traveled route. If travel by the most direct route is not possible because of construction, detour, or other legitimate reasons, the claim for any additional costs will be reimbursed.

#### **B. Mode of transportation**

The most economical and efficient mode of transportation shall be used. Both travel costs and time will be considered.

##### **1. Air travel**

**a.** Commercial air travel is permitted when it is advantageous to the County. When practical, travelers are encouraged to use the Daytona Beach International Airport for all air travel. All travelers shall purchase the least expensive, coach class ticket for the flight. The traveler shall always consider making airline reservations as far in advance as possible. Special conference fares shall be obtained whenever they provide the lowest fare. Discounted fares may often require the traveler to depart earlier or arrive later than would be required if normal fares were purchased. Early departures and late arrivals are allowable if approved by the traveler's authorizing agent, and if the traveler provides written justification that the

extra costs incurred (i.e., meals and lodging) do not exceed the savings realized by purchasing the discount fare. In these circumstances, any meal and lodging costs and transportation expenses to and from the airport are reimbursable.

**b.** Individuals choosing to use first class air transportation when coach class is available will be reimbursed only for the coach class fare. The traveler shall pay the additional cost for first class. First class fares will be paid by the County only when the designated travel agent verifies that less expensive accommodations were not available and the individual authorizing the travel certifies that the traveler must travel at that particular time.

##### **2. Transportation by privately owned vehicles**

###### **a. Privately owned vehicles**

The use of privately owned vehicles for official travel is permitted. The traveler shall be entitled to a mileage allowance equal to the standard mileage rate established by the State of Florida for business travel. Employees receiving monthly automobile allowances are eligible for additional mileage reimbursements when the distance traveled between the point-of-origin and point-of-destination exceeds 100 miles (or 200 miles, roundtrip). The employee will be reimbursed for only those miles traveled in excess of 100 miles (or 200 miles, roundtrip).

###### **b. Computation of mileage**

Mileage shall be shown from point-of-origin to point-of-destination. Point-of-origin is the traveler's official headquarters. When the traveler starts and/or terminates at his home on a normally scheduled workday, the mileage shall be computed from the home to the point-of-destination and return. However, at no time shall a traveler be paid for mileage between his home and his official headquarters. Accordingly, when the workday begins

or ends at a location other than the traveler's headquarters, he will be paid only for the extra mileage incurred.

**c. Vicinity mileage**

Once the traveler has reached his destination, vicinity mileage necessary to conduct official business is allowable.

**d. Parking**

Parking charges will be reimbursed, provided receipts substantiate such costs. Parking meter charges will be paid without receipts if reasonable and approved by the authorizing agent.

**e. Bridge, road, and tunnel tolls**

Reimbursements for bridge, road and tunnel tolls will be reimbursed, provided receipts substantiate such costs.

**f. Gasoline and similar charges**

Charges for gasoline, lubricants, repairs, towing, etc., will **not** be reimbursed when privately-owned vehicles are used.

**g. Parking and moving vehicle citations**

Parking and moving vehicle citations are the responsibility of the traveler and will **not** be reimbursed.

**3. Transportation by County-owned vehicles**

When feasible, County vehicles shall be used. When County vehicles are used for out-of-county transportation, charges for gasoline, lubricants, repairs, towing, etc., will be reimbursed, if supported by receipts. Other expenses incurred for parking, bridge, road, and tunnel tolls will be reimbursed in the same manner as for privately owned vehicles.

**C. Insurance**

Additional accident or life insurance for persons traveling by common carrier will not be reimbursed.

**D. Gratuitous transportation**

No traveler will be allowed either mileage or transportation expense reimbursement when they are gratuitously transported by another

person or when transported by another traveler who is entitled to reimbursement.

**2.2 Computation of travel time for reimbursement**

Travel time begins/ends when the traveler leaves/returns from/to his home or official headquarters. A reasonable check-in time at the airport will be allowed. Any excess time for personal reasons will not be reimbursed.

**2.3 Reimbursement for meals and incidentals, lodging, and miscellaneous expenses**

**A. General**

Each person traveling to attend a convention, conference, or meeting, or to conduct official, County business will be reimbursed for meals and incidentals, lodging, and other miscellaneous expenses.

**B. Meals and incidentals allowance rates**

**1. Meal and incidentals allowance**

Travelers will receive a meals and incidentals allowance consistent with IRS regulations for accountable reimbursement plans. The term "incidentals" includes, but is not limited to, expenses for laundry, cleaning, and pressing of clothing, and fees and tips for services, such as porters and baggage carriers. The allowance will be used in lieu of reimbursement of actual expenses substantiated by receipts. The traveler will be paid an amount equal to the Federal meals and incidentals rate for the locality of travel.

**2. Convention/Conference meals**

Travelers shall not be reimbursed for meals included in a convention or conference registration fee paid by the County. If the traveler elects to eat elsewhere, the meal will be at his own expense. Exceptions may be made for those travelers with special dietary needs that prevent them from eating a prepaid meal. Such cases must be

substantiated and approved. If approved, the traveler will be reimbursed in the same manner as all other meals. Banquets not included in the registration fee will be paid at the stated rate provided the meal is an integral part of the convention or conference. In addition, the traveler will not be reimbursed for meals that are complimentary or provided by any other person or entity without charge. The meals and incidentals allowance shall be reduced by an amount comparable to the allowance rate for such meals.

**3. Airline meals**

Meals or snacks served on airlines will not affect the daily meals and incidentals allowance.

**C. Lodging**

**1. General**

Actual expenses for lodging, substantiated by receipts, will be reimbursed at the single occupancy rate. A single room with private bath in a business class hotel/motel is the County standard. Additional cost for suite or luxury accommodations will not be reimbursed except in those situations where the lodging is occupied by more than one traveler resulting in a lower overall expense to the County.

**2. Convention/Conference**

Travelers will not be reimbursed for any lodgings included in a convention or conference registration fee paid by the County.

**3. Gratuitous lodging**

Travelers will not be reimbursed for lodgings paid for by another person or organization.

**D. Miscellaneous**

**1. Miscellaneous expenses - General**

Miscellaneous expenses shall be held to the minimum amount required for essential and efficient conduct of County business. By his or her certification, the authorizing agent approving the travel reimbursement will

be held responsible for all items of expense as being necessary and correct.

**2. Local transportation**

Shuttle, taxi, and mass transit fares necessary for conducting official, County business will be reimbursed when substantiated by receipts. The destination and purpose of the trip shall be noted on the receipt.

**3. Telephone**

Telephone charges are permitted when necessary for official, County business. One personal telephone call per travel day is permitted if it does not exceed, on average, \$5.00 per day. The cost of all telephone calls, both business and personal, must be substantiated by receipts.

**4. Rental car**

The use of vehicles obtained from commercial vehicle rental firms shall be limited to those instances when County, privately owned vehicles, or reasonable public transportation is unavailable. The cost of vehicle rental versus public transportation shall always be considered. Maximum reimbursement for rental cars will be limited to the mid-size sedan rate. Rental cars may be used only for conducting official, County business.

**5. Sales and resort taxes**

**a. In-state travel**

The County of Volusia is exempt from the Florida sales tax and local resort taxes. When feasible, travelers shall request prepayment of lodging expenses or issuance of a County check to give to the hotel at the time of check-in to ensure exemption from state sales and resort taxes. Those travelers with County purchasing cards designated for travel use shall use the card when possible. Every effort shall be made by the traveler to obtain an exemption from these taxes. However, if unable to do so, a written explanation of that fact shall be noted on the lodging bill.

**b. Out-of state travel**

Out-of-state taxes will be reimbursed to the traveler.

**6. Transportation between home and airport**

Transportation to and from the traveler's home and the airport is an eligible expense. Reimbursement may be based on two round trips if the traveler prefers not to leave his vehicle at the airport, but this amount may not exceed the cost of one round trip to the airport and associated parking fees.

**2.4 Discounts on hotel, airline, and rental car rates**

The County may benefit from contracts entered into by the State of Florida. The State of Florida contracts with hotel/motel chains, airline, and rental car agencies to provide transportation and lodging at discounted rates. All travelers shall use the discounted fares/rates whenever possible.

**2.5 Foreign travel**

**A. Exchange Rates**

To simplify currency conversion, a County purchasing card designated for travel use shall be used during foreign travel, when possible. All cash expenditures shall be made in the currency of the foreign country. For reimbursement, conversion to U.S. dollars shall be made using the exchange rates in effect at the time of travel.

**B. Travel Expenses**

Foreign travel reimbursements will be made in the same manner as U.S. travel. Meal expenses will be reimbursed at the applicable federal meals and incidentals rate for each foreign city.

**Section 3. Intra-County Travel**

**3.1 General policy**

Persons traveling within the boundaries of Volusia County on official, County business will be reimbursed for qualified expenses.

**3.2 Transportation**

**A. Routing of travel**

All travel must be by the most reasonable direct route. If a person travels by an indirect route for his own convenience, any extra costs shall be borne by the traveler.

**B. Mode of Transportation**

The most economical and efficient mode of transportation shall be used. Both travel costs and time will be considered. When feasible, County vehicles shall be used.

**1. Transportation by privately owned vehicles**

The authorizing agent must approve the use of privately owned vehicles for intra-County travel.

**a. Mileage rate**

The use of privately owned vehicles for official travel is permitted. The traveler shall be entitled to a mileage allowance equal to the standard mileage rate established by the State of Florida for business travel. Employees receiving monthly automobile allowances are **not** eligible for additional mileage reimbursement.

**b. Computation of mileage**

Mileage shall be shown from point-of-origin to point-of-destination. Point-of-origin is the official headquarters except in those cases when the employee's travel starts and/or terminates at his home. When the traveler starts and/or terminates at his home on a normally scheduled workday, the mileage shall be computed from the home to the point-of-destination and return. However, at no time shall the traveler be paid for mileage between his

home and his official headquarters. Accordingly, when the workday begins or ends at a location other than the traveler's headquarters, he will be paid only for the extra mileage incurred.

**c. Gasoline and similar charges**

Charges for gasoline, lubricants, repairs, towing, etc., will **not** be reimbursed when privately owned vehicles are used.

**d. Parking and moving vehicle citations**

Parking and moving vehicle citations are the responsibility of the traveler and will **not** be reimbursed.

**2. Transportation by County-owned vehicles**

When County vehicles are used for transportation within the County, charges for gasoline, lubricants, repairs, towing, etc. not provided by Fleet

Management, shall be reimbursed, if supported by receipts.

**C. Gratuitous transportation**

No traveler will be allowed a mileage allowance when another person gratuitously transports him or when transported by another traveler who is entitled to the mileage allowance.

**3.3 Business Meeting Meals**

Reimbursement for meals will be provided only when the meal is an integral part of an official, County business meeting, not simply a meal break, and is substantiated by receipt(s). The meeting must have a direct relationship to the traveler's job and the traveler must be required to attend to represent the County. In no instance shall the amount reimbursed exceed \$35.00 per day. Alcoholic beverages shall not be considered a reimbursable expense. Tips are limited to 15% of the meal price, excluding alcohol.

## PART II- ENTERTAINMENT

### Section 1. Authorization

There are occasions when entertaining is appropriate and material to the economic development activities of the County. Business development, airline and aviation development, and convention recruitment are the focal points of these activities. As a result, the County Manager is authorized to designate those positions permitted to expend public funds for that purpose. In addition, the County Manager is authorized to issue procedures necessary to enforce the regulations created by this policy.

### Section 2. Allowable Expenses

Expenses for entertainment must be directly related to, or associated with, the active conduct of official, County business. When an authorized County employee acts as an official host, the occasion must, in his/her best judgement, serve a clear business purpose, with no personal benefit derived by the official host or other County employees. To determine if an entertainment expense is appropriate, the approving authority must evaluate the importance of the event in terms of the costs that will be incurred, the benefits to be derived from such an expense, the availability of funds, and the alternatives, if any, equally effective in accomplishing the desired objectives.

In order for cost of the entertainment not to be taxed as income to the authorized employee, the expense must not be considered lavish or extravagant under the circumstances, the official host (employee) must be present when the event takes place, and the expense must be substantiated with supporting documentation.

Allowable expenses may include, but not limited to, the cost of transportation, lodging, and meals of potential clients; meals or light refreshments included in a business meeting; rental of

facilities or hospitality rooms to hold meetings/receptions; promotional gifts for potential clients; tickets or tournament fees for sporting/social events; equipment rental and/or supplies for presentations; or other related and necessary expenses for the purpose described above. In general, the following guidelines shall be followed:

- Costs for a lunch meeting shall be reasonable. The cost for food, beverage, taxes (if applicable), gratuities, and other related costs (e.g. room set up charges, wait staff, etc.) is allowable.
- Costs for an evening's entertainment shall be reasonable. The cost for food, beverage, taxes (if applicable), gratuities, and other related costs (e.g. room set up charges, wait staff, etc.) is allowable.
- Gratuities up to 15% of food and beverage is allowable unless custom dictates 20% or calculated as part of the bill in which case a maximum tip of 20% is allowable.
- For entertainment events, the number of County employees accompanying guests of the County shall be appropriate for the purpose of the entertainment. Prior approval from the County Manager shall be obtained prior to allowing County employees, other than those already authorized to entertain, to attend an event.
- Normally, if the authorized employee acts as an official host, his/her spouse or guest may share in an evening's entertainment, when appropriate and at the County's expense, if the entertainment occurs within the Central Florida area. Otherwise, the costs incurred by the spouse or guest will be the responsibility of the host and not paid for by the County.

- Sponsorships or purchases of a corporate table are allowable provided they meet the intended purpose as described above. The County Council shall prepare a tentative list of events requiring the purchase of corporate tables for Council Member attendance and shall submit the list for approval at a regularly scheduled council meeting. The County Manager is authorized to approve the purchase of corporate tables on an as-needed basis for events requiring staff attendance.
- When entertainment expenses are incurred while an employee is traveling outside the county on official, County business, the costs associated with the entertainment shall be reported with the travel expenses. Costs associated with the travel itself shall be incurred in accordance with the County's travel policy.

### **Section 3. Reporting Entertainment Expenses**

Entertainment expenses shall be reported in a timely manner and in accordance with the procedures set forth by the County Manager.

**COUNTY OF VOLUSIA, FL  
AWARD RECOMMENDATION  
TABULATION**



ALL PROPOSALS ACCEPTED BY THE COUNTY OF VOLUSIA ARE SUBJECT TO THE COUNTY'S TERMS AND CONDITIONS. ANY AND ALL ADDITIONAL TERMS AND CONDITIONS SUBMITTED BY RESPONDENTS MAY BE REJECTED AND MAY HAVE NO FORCE AND EFFECT. SOLICITATION BID DOCUMENTS FROM THE VENDORS LISTED HEREIN ARE THE ONLY BIDS RECEIVED TIMELY AS OF THE CLOSING DATE AND TIME. ALL OTHER PROPOSALS SUBMITTED IN RESPONSE TO THIS SOLICITATION, IF ANY, IS HEREBY REJECTED AS LATE.

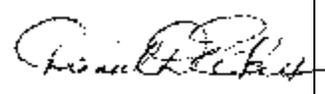
RFP NUMBER: 11-SQ-114BB

RFP TITLE: **DISASTER COST RECOVERY & RELATED GRANT AND PROJECT MANAGEMENT FOR THE FINANCE DIVISION OF THE COUNTY OF VOLUSIA**

OPENING DATE/TIME: JULY 12, 2011  
3:00 p.m.

Response 1	Response 2	Response 3
Adjusters International 126 Business Park Drive Utica, New York 13502 John Marini 315-797-3035	Atkins North America, Inc. 1600 RiverEdge Parkway, Suite 600 Atlanta, GA 30328 Robert Scott Lawson 770-933-0280	Emergency Disaster Strategies, LLC P.O. Box 1147 Panacea, FL 32346 Phillip Worley 850-570-3609
Response 4	Response 5	Response 6
GRD Solutions 36739 State Road 52, Suite 207-Box 6 Dade City, FL 33525 Sherri Stanaland-Holland 352-437-4815	Guardian, CRM 15380 CR 565A, Suite B Groveland, FL 34736 Christine Alday 352-432-5913	Metric Engineering, Inc. 615 Crescent Executive Court, Suite 524 Lake Mary, FL 32746 Douglas Cauley 407-644-1898
Response 7	Response 8	Response 9
O'Brien's Response Management, Inc. 2200 Eller Drive Ft. Lauderdale, FL 33316 Steve Branham 954-523-2200	R.W. Block Consulting, Inc. 871 Outer Road, Suite R Orlando, FL 32814 Roy Block 407-897-5254	Resilire Consulting, LLC 1515 Poydras Avenue, Suite 2340 New Orleans, LA 70130 Nicole Nettleton 504-528-1001
Response 10	Response 11	
Science Applications International Corporation 2301 Lucien Way Suite 120 Maitland, FL 32751 Betty Kamara 321-441-8518	Thompson Consulting Services, LLC 951 Market Promenade Ave, Ste 2101 Lake Mary, FL 32746 Jon M. Hoyle 321-303-2543	

Opened by: Becki Bishop  
Witnessed by: Inga Fegley

June 7, 2012		<b>AGENDA ITEM</b>		Item 12
<input type="checkbox"/> Ordinance		<input type="checkbox"/> Resolution		<input type="checkbox"/> Budget Resolution
<input checked="" type="checkbox"/> Other				
<b>Department:</b> Financial and Administrative Services		<b>File Number:</b> VC-1334687282040-A		
<b>Division:</b> Accounting				
<b>Subject:</b> Award of contracts for disaster cost recovery and related grant and project management services.				
<b>Account Number(s):</b> N/A				
<b>Total Item Budget:</b> N/A				
<b>Staff Contact(s):</b> Rhonda Orr Phone: 943-7054 ext. 17054 Donna dePeyster Phone: 736-5933 ext. 12691 Giffin Chumley Phone: 736-5950 ext. 12952				
<b>Summary/Highlights:</b> Staff requests authorization to enter into multiple contracts for provision of disaster cost recovery and related grant and project management services. The accounting division has requested the availability of on-call professional assistance from qualified professional firms. In response to a solicitation, No. 11-SQ-114BB, the county received 11 statements of qualifications from the firms shown on the attached tabulation sheet. A technical team from accounting reviewed and evaluated the proposals and presented a summary to an evaluation committee consisting of Joie Alexander, county council member; Charlie Craig, emergency management director; and Donna de Peyster, accounting director. The evaluation committee recommends the following four firms: Atkins North America, Inc., Atlanta, GA; O'Brien's Response Management, Inc., Ft.Lauderdale, FL; Science Applications International Corporation, Maitland, FL; and				
<b>Recommended Motion:</b> Approval.				
Rhonda Orr, Deputy Director Director Financial and Administrative Services    Jeaniene Jennings Director Purchasing  No Signature Present	<b>OMB</b>   Approved as to Budget Requirements	<b>Legal</b>    Approved as to Form and Legality	Tammy Bong County Manager's Office    Approved Agenda Item For: <b>June 7, 2012</b>	
<b>Council Action:</b>		<b>Modification:</b>		
<input checked="" type="checkbox"/> Approved as Recommended <input type="checkbox"/> Approved With Modifications <input type="checkbox"/> Disapproved <input type="checkbox"/> Continued Date:				

**Summary/Highlights Continued:**

Thompson Consulting Services, LLC, Lake Mary, FL.

In the event of a hurricane or other natural disaster, the accounting division would employ the consulting firms to provide professional services to assist with data gathering, record keeping, damage assessment and other grant management tasks associated with federally declared disaster events. In the event of a federally declared disaster event, Volusia County would be reimbursed all or part of the direct cost for these tasks from FEMA as part of the management cost. Previous declared disaster events affecting Volusia also have affected surrounding governmental agencies. Contracting with four vendors ensures that resources are available during a time when competition for those resources is high.

Staff recommends a three year contract with the option for two extensions of one year each, subject to county council approval and contractor agreement. Task assignments will be issued for each engagement as required with pricing as shown in the fee schedule attached to the contract.



## Cooperative Purchasing Professional Services Agreement General Terms and Conditions

This Cooperative Purchasing Professional Services Agreement ("Agreement") is dated \_\_\_\_\_, 2016 by and between **Thompson Consulting Services, LLC** (hereinafter referenced as "Consultant"), with offices at 1135 Townpark Avenue, Suite 2101, Lake Mary, Florida 32746 and the **City of Deltona, Florida** (hereinafter referenced as "Client" or "End User"), a political subdivision of the State of Florida, with an address of 2345 Providence Boulevard, Deltona, Florida 32725;

Whereas, Consultant has entered into an agreement for Recovery and Related Grant Project Management (Request for Statement of Qualifications 11-SQ-114BB) effective as of June 7, 2012 with Volusia County, Florida (hereinafter referred to as "County Contract" and attached as **Exhibit A**);

Whereas, Client desires to be an End User under the County Contract;

Whereas, both parties hereby agree to be bound to the terms and conditions of the County Contract;

Now therefore, in consideration of the mutual covenants to be performed by the parties pursuant to this Agreement, each party hereby represents, warrants, and agrees as follows:

### 1. TERM & APPLICABILITY

The term of this Agreement shall commence on the date executed by the last of the parties hereto, and shall expire on the same date set forth in the County Contract. The term of this Agreement shall not be dependent upon any renewals of the County Contract, and the Client may elect to exercise or not exercise the renewal options set forth in the County Contract independent of whether the owner of County Contract exercises renewal options under the County Contract. This Agreement shall apply to all work performed at the request of the Client or for the benefit of the Client during the term hereof (the "Work") unless both parties agree in writing that the terms and conditions hereof shall not apply.

### 2. SCOPE OF WORK

Consultant shall perform such Work as the Client may direct from time to time during the term hereof and in accordance with **Exhibit A** attached hereto.

### 3. STANDARD OF CARE

Consultant will perform services under this Agreement with the degree of skill and diligence normally practiced by professional consultants performing the same or similar services. No other warranty or guarantee, expressed or implied, is made with respect to the services furnished under this Agreement and all implied warranties are disclaimed.

### 4. CHANGES/AMENDMENTS

This Agreement and its exhibits constitute the entire agreement between the Parties and together with its exhibits supersede any prior written or oral agreements. This Agreement may not be changed except by written amendment signed by both Parties.

### 5. FEE FOR SERVICES

The fee for the services under this Agreement will be based on the actual hours of services furnished multiplied by Consultant's Billing Rates as set forth in the County Contract. Consultant's rates are subject to annual Consumer Price Index (CPI) escalations on the annual anniversary of the execution date of the Agreement upon mutual written agreement by each party.

### 6. PAYMENT

Client shall pay Consultant for services furnished under this Agreement upon submission of monthly invoices. Client shall pay Consultant within thirty (30) days of receipt of invoices less any disputed amounts. If Client disputes any portion of the invoice, the undisputed portion will be paid and Consultant will be notified in writing, within ten (10) days of receipt of the invoice of the exceptions taken. Consultant and Client will attempt to resolve the payment dispute within sixty (60) days or the matter may be submitted to arbitration as provided herein. Additional charges for interest shall become due and payable at a rate of one and one-half percent (1-1/2%) per month (or the maximum percentage allowed by law) on the unpaid, undisputed invoiced amounts. Any interest charges due from Client on past due invoices are outside any amounts otherwise due under this Agreement. If Client fails to pay undisputed invoiced amounts within sixty (60) days after delivery of invoice, Consultant, at its sole discretion, may suspend services hereunder or may initiate collections proceedings, without incurring any liability or waiving any right established hereunder or by law.

### 7. WORK PRODUCT

Client shall have the unrestricted right to use the documents, analyses and other data prepared by Consultant under this Agreement ("Work Products"); provided, however Client shall not rely on or use the Work Products for any purpose other than the purposes under this Agreement and the Work Products shall not be changed without the prior written approval of Consultant. If Client releases the Work Products to a third party without Consultant's prior written consent, or changes or uses the Work Products other than as intended hereunder, (a) Client does so at its sole risk and discretion, (b) Consultant shall not be liable for any claims or damages resulting from the change or use or connected with the release or any third party's use of the Work Products and (c) Client shall indemnify, defend and hold Consultant harmless from any and all claims or damages related to the release, change or reuse.

### 8. INFORMATION PROVIDED BY OTHERS

Client shall provide to Consultant in a timely manner any information Consultant indicates is needed to perform the services hereunder. Consultant may rely on the accuracy of information provided by Client and its representatives.

### 9. SAFETY AND SECURITY

Consultant has established and maintains programs and procedures for the safety of its employees. Unless specifically included as a service to be provided under this Agreement, Consultant specifically disclaims any authority or responsibility for job site safety (including, but not limited to, any supervision of operations of others, training, audit or observation of safety programs of others) and safety of persons other than Consultant's employees. Client acknowledges that Consultant has no responsibility under this Agreement related to site security or the



## Cooperative Purchasing Professional Services Agreement General Terms and Conditions

assessment, evaluation, review, testing, maintenance, operation or safety practices or procedures related to security or safety.

### 10. TERMINATION

Either party may terminate this Agreement upon thirty (30) days prior written notice to the other party. Client shall pay Consultant for all services rendered to the date of termination plus reasonable expenses for winding down the services. If either party defaults in its obligations hereunder, the non-defaulting party, after giving thirty (30) days written notice of its intention to terminate or suspend performance under this Agreement, may, if cure of the default is not commenced and diligently continued, terminate this Agreement or suspend performance under this Agreement. Upon termination, the terms and conditions found in this Agreement concerning ongoing or future obligations and contractual responsibilities and interpretation thereof shall survive its termination.

### 11. ASSIGNMENT

This Agreement is binding upon and will inure to the benefit of Client and Consultant and their respective successors and assigns. Neither party may assign its rights or obligations hereunder without the prior written consent of the other party.

### 12. NOTICES

Any notice required or permitted by this Agreement to be given shall be deemed to have been duly given if in writing and delivered personally or five (5) days after mailing by first-class, registered, or certified mail, return receipt requested, postage prepaid and addressed as follows:

End User: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Consultant: Thompson Consulting Services, LLC  
Attention: Nate Counsell, Vice President  
Address: 1135 Townpark Avenue  
Suite 2101  
Lake Mary, FL 32746

### 13. MISCELLANEOUS

A. If any provision of this Agreement is invalid or unenforceable, the remainder of this Agreement shall continue in full force and effect and the provision declared invalid or unenforceable shall continue as to other circumstances.

B. This Agreement may be executed in multiple counterparts, each of which shall be deemed to be an original instrument, but all of which taken together shall constitute one instrument.



**Cooperative Purchasing Professional Services Agreement  
General Terms and Conditions**

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized officers or representatives.

**THOMPSON CONSULTING SERVICES, LLC**

**CITY OF DELTONA, FLORIDA**

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

Please return executed copy of these terms and conditions to the attention of:

Kyle Hoyle  
(407) 792-0018 – Phone



**Cooperative Purchasing Professional Services Agreement  
General Terms and Conditions**

**EXHIBIT A**



thompson  
CONSULTING SERVICES

December 30, 2016

Robert Clinger  
2345 Providence Blvd.  
Deltona, FL 32725

SENT VIA EMAIL TO: [rclinger@deltonafl.gov](mailto:rclinger@deltonafl.gov)

**Re: Grant Management Support - Scope of Services and Budget Estimate**

Dear Mr. Clinger,

Thompson Consulting Services (Thompson) is pleased to submit the following scope and budget to provide Federal Emergency Management Agency (FEMA) Public Assistance (PA) grant management services to the City of Deltona (City). The scope and budget have been prepared based on Thompson's current understanding of the City's FEMA PA grant management services requirements related to the recent severe weather event. As per the City's existing cooperative purchasing agreement with Volusia County and the County's existing agreement for Recovery and Related Grant Project Management resulting from Statement of Qualifications 11-SQ-114BB, Thompson is to provide grant management support and FEMA Public Assistance consultation.

At this time, it is our understanding that the City wishes to use these services on an as-needed basis to include scheduled calls and e-mail support. Thompson will track all costs in accordance with FEMA PA requirements to identify direct administrative costs (DAC) which may be included for reimbursement under the PA program. Tasks may include, but are not limited to:

- **Post-Declaration Activities**
  - Other pre-award activities
  - FEMA policy guidance
- **Project Listing Development**
  - Preliminary cost estimates
  - Data collection and dissemination
- **Project Formulation**
  - Financial compliance reviews
  - Project description / scope development
  - Project worksheet review
- **Project Worksheet Processing/Management**
  - FEMA/grantee documentation requests
  - Project costs reconciliations

Table 1: Task Order #1 Grant Management Support Services Budget Estimate

Position	Hourly Rate (\$)	Quantity	Avg Hours per Week	Est. # of Weeks	Budget Estimate (\$)
Sr. Grant Management Consultant	135.00	1	6	12	9,720.00
Grant Management Consultant	110.00	1	14	12	18,480.00
Grant Management Analyst	70.00	1	2	12	1,680.00
<b>TOTAL LABOR</b>					<b>29,880.00</b>
<b>TOTAL EXPENSES</b>					<b>5,976.00</b>
<b>TOTAL ESTIMATE</b>					<b>35,856.00</b>

It is Thompson's objective to deliver our services at or below the estimated budget for the initial 12-week period of performance. The City will only be charged for work actually performed and required by the City. In the event that Thompson exceeds the hourly billings outlined above, Thompson will immediately notify the City in writing and submit a request for extension to the task order.

If you have any questions, please feel free to contact me directly at [jhoyle@thompsoncs.net](mailto:jhoyle@thompsoncs.net) or 321.303.2543.

Sincerely,

**THOMPSON CONSULTING SERVICES**



Jon Hoyle  
President, Thompson Consulting Services  
[Jhoyle@thompsoncs.net](mailto:jhoyle@thompsoncs.net)  
C: 321-303-2543 | O: 407-792-0018