



City of Deltona

Mayor
John Masiarczyk

Vice Mayor
Chris Nabicht
District 6

Commissioners:

Mitch Honaker
District 1

Diane Smith
District 2

Heidi Herzberg
District 3

Nancy Schleicher
District 4

Brian Soukup
District 5

City Manager
Jane K. Shang

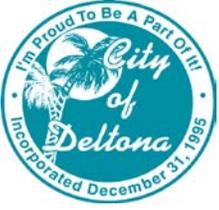
PUBLIC NOTICE

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

**City Manager Agenda Review Meeting
2nd Floor Conference Room
Monday, March 7, 2016
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

Mayor
John Masiarczyk

Vice Mayor
Chris Nabicht
District 6

Commissioners:

Mitch Honaker
District 1

Diane Smith
District 2

Heidi Herzberg
District 3

Nancy Schleicher
District 4

Brian Soukup
District 5

City Manager
Jane K. Shang

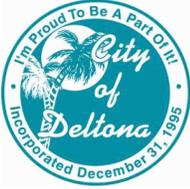
PUBLIC NOTICE

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

**Test Meeting for Granicus Training
Commission Chambers
Monday, March 7, 2016
IMMEDIATELY FOLLOWING THE CITY
MANAGER'S AGENDA REVIEW
MEETING**

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

Agenda

City Commission

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

Monday, March 7, 2016

6:30 PM

Deltona Commission Chambers

1. CALL TO ORDER:

2. ROLL CALL – CITY CLERK:

3. INVOCATION AND PLEDGE TO THE FLAG:

A. Invocation Presented by Vice Mayor Nabicht

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 February 15, 2016 - Joyce Raftery, City Clerk (386) 878-8502

Background:

N/A

5. PRESENTATIONS/AWARDS/REPORTS:

A. Recognition to the Firefighters of Deltona for their help with Deltona High School's Health Academy & their response to a U-Haul truck fire on I-4

Background:

The Health Services Academy is a career based program where students can explore careers in the field of health care. The academy is based on a strong partnership between Deltona High School and members of the local health care community. Courses offer students the chance to participate in an intensive medical preparation combined with their recommended academics. Students

also have the chance to interact with guest speakers who are professionals in the community, to take part in job shadowing placements, to participate in field study trips, and to join the national co-curricular student organization Health Occupations Students of America (HOSA).

Deltona firefighters have been involved with Deltona High School's Health Academy for approximately 15 years. Firefighters work with students 11 hours at a time so they can experience the actual role of a firefighter. Students may assist in many calls such as trauma alerts, house fires and even childbirth. The fire department provides invaluable support for the academy through the donation of supplies and lessons and many of the men and women dedicate their own personal time to assist in the students' success.

Brandy Meadows (Health Service Academy Instructor) and her students would like to recognize these amazing men and women of Deltona's Fire Department for all their assistance through the years.

Pancake Breakfast Fundraiser

Deltona Fire Firefighters and Deltona High Schools HOSA Students held a Pancake Breakfast Fundraiser at Fire Station 65 on Sunday February 28th.

Join the Deltona Fire Firefighters and Deltona High Schools HOSA Students on April 2nd for a second Pancake Breakfast Fundraiser at Fire Station 65.

This event is designed to support HOSA Students who competed and placed 1st, 2nd and 3rd in the regional competition, placing them in State Leadership Conference this April. HOSA is a medical program, Health Occupation Students of America. These students are working towards their future careers. Help them off-set the cost of the trip.

Tickets are \$3.00 and can be purchased at Fire Station 61 located at 1685 Providence Blvd. or on the day of the event at Fire Station 65.

U-Haul Truck Fire

On February 1st Firefighters responded to a U-Haul truck fire on I-4. Their compassion and dedication toward a family who lost so much on this unfortunate night is sincerely appreciated. The response of this crew shows the Pride, Dedication, and Honor toward the citizens of this community and all that pass through it.

B. Sterling Court Named Top Rated Senior Care Provider for 2016

Background:

SeniorAdvisor.com released its list of the Top Rated Senior Care Providers for 2016, and Sterling Court placed in the Top One Percent of all senior care providers nationwide. The Top Rated honors are based on the ratings from center residents and their families. SeniorAdvisor.com received reviews and ratings for more than one hundred thousand senior care options across the country, and narrowed the list to those earning at least a 4.5 out of 5 from the reviews.

SeniorAdvisor.com is the nation's largest senior living review site, and provides information to families regarding senior care and service options. Each year, SeniorAdvisor.com names its Best of Awards, recognizing outstanding senior living and home care providers who have consistently received high ratings from residents and their families.

C. Super Star Student of the Month Certificates for February 2016**Background:**

Super Star Student of the Month awards for February 2016 will be presented to:

1. Deltona Lakes Elementary, Daniel Matias, 3rd Grade
2. Discovery Elementary, Victor Bissoondyal, 3rd Grade
3. Enterprise Elementary, Natalie Paris Mendoza, 4th Grade
4. Forest Lake Elementary, Tristan Parrish, 4th Grade
5. Friendship Elementary, Alexandra Salgado, 5th Grade
6. Pride Elementary, Kimaris Cardona, 2nd Grade
7. Spirit Elementary, Skylar Theiss, 3rd Grade
8. Sunrise Elementary, Jabin McIntyre, 3rd Grade
9. Timbercrest Elementary, Sophia Hazelbaker, 3rd Grade
10. Deltona Middle, Dakota Doyon, 7th Grade
11. Galaxy Middle, Jaylene Iseppi, 6th Grade
12. Heritage Middle, Francis Furse, 7th Grade
13. Deltona High, Kathleen Root, 9th Grade
14. Pine Ridge High, Akil Hughes, 9th Grade
15. University High, Ashia Johnson, 11th Grade

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. 02-2016, Request to Amend the Deltona Welcome Center Business Planned Unit Development (BPUD) to a New BPUD for Lots 2 and 3, at first reading - Chris Bowley, Planning and Development Services, (386) 878-8602.

Strategic Goal: Economic Development: Work with existing businesses to expand/grow.

Background:

At the request of the applicant, the City Commission at the February 15, 2016 meeting rescheduled the first reading of the ordinance to the date-certain March 7, 2016, City Commission public hearing.

This BPUD request is for the development of a Racetrac gas station with a ±6,000 square foot convenience store and multiple fueling bays. The proposed amendment is to update the Development Agreement (DA) and to create a new BPUD rezoning event for Lots 2 and 3 only. The DA has been reviewed by staff and is presented in an underline/strike-through format that addresses land use, access management, transportation, development intensity, and aesthetics. For more information, see the attached staff report, including the proposed DA, with recommended changes. Finally, on January 20, 2016, the Planning and Zoning Board heard the rezoning request and recommended that the City Commission adopt Ordinance No. 02-2016.

- B.** Public Hearing - Ordinance No. 03-2016, to update Chapter 68, Water, Wastewater and Utilities, at first reading and to schedule second reading for March 21, 2016 - Becky Vose, Legal Department, (407) 448-0111.

Strategic Goal: City infrastructure improvements and related funding.

Background:

The ordinance is merely to make clerical changes to update the ordinance to reflect current practices and procedures.

- C.** Public Hearing - Ordinance No. 15-2016, updating Water and Wastewater Impact Fees, at first reading and to schedule second reading for March 21,

2016 - Becky Vose, Legal Department (407) 448-0111.

Strategic Goal: City infrastructure improvements and related funding.

Background:

Burton & Associates presented its City of Deltona Water & Sewer Rate Study Final Report dated September 28, 2015, ("Report") to the Deltona Commission, and such Report was approved by the Deltona City Commission. That Report provided an impact fee analysis regarding the City of Deltona's water and wastewater impact fees, including updating the level of the fees to reflect current costs, and setting forth a comparison of the City of Deltona's fees to those of other local utility systems. The Report determined that assuming 100% cost recovery, the City's current unit cost of water capacity is 31% or \$443 higher than the current water system impact fee, and the cost of sewer capacity is 51% of \$1,714 higher than the current sewer impact fee. The Deltona City Commission previously determined that it was in the best interest of the City of Deltona to base the water impact fees on 100% cost recovery, and the sewer impact fees on 75% cost recovery. This ordinance is necessary to finalize such updated water and sewer impact fees.

- D. Public Hearing - Ordinance No. 04-2016; Land Development Code Amendment Phase III - Chris Bowley, Planning and Development Services, (386) 878-8602.

Strategic Goal: Economic Development; Update the Economic Development Plan, including the Land Development Code (LDC).

Background:

Since 2011, the City Commission has adopted a series of amendments to the LDC to achieve a variety of goals (Phase I, Organizational Improvements and Phase II-A and Phase II-B, substantive changes). This LDC amendment (Phase III) includes additions, deletions, and revisions to certain provisions of Chapter 70 Section 30, "Definitions"; Chapter 74, "Administration"; Chapter 75, "Site Plan"; Chapter 86, "Concurrency Management"; Chapter 94, "Impact Fees"; Chapter 96, "Improvements"; Chapter 98, "Natural Resources Protection"; Chapter 106, "Subdivisions"; and Chapter 110, "Zoning". The proposed amendments advance the goal of further improving the effectiveness and efficiency of the LDC and is a strategic goal of the City, as well.

The City Commission was briefed on this amendment at their September 14, 2015, Commission Workshop. A public information meeting was held on November 4, 2015, in the City Commission Chambers to outline the amendment and to obtain public comment. Opportunities for further public comment were afforded through the City's website and information stations that were set up in City Hall

and the Deltona Library. Planning and Development Services also worked with the City's Economic Development Manager to distribute the draft to various business associations for review and comment. Through this process, a limited number of comments were received from the general public and the reply from the business community was positive. The Planning and Zoning Board heard this Ordinance at their regularly scheduled meeting on February 17, 2016, and voted 5-0 to recommend that the City Commission adopt Ordinance No. 04-2016; with one member absent and one member abstaining due to his new appointment to the Board.

- E. Public Hearing - Ordinance No. 08-2016, Creating a new Article VII, "Fire Protection System", of Chapter 42, "Fire Prevention and Protection", of the Code of the City of Deltona, at first reading and to schedule second reading for April 4, 2016 - Becky Vose, Legal Department, (407) 448-0111.

Strategic Goal: Public Safety.

Background:

This ordinance is currently in the Land Development Code (LDC), Chapter 96, and it will remain (as a duplication) in both the LDC and Fire Prevention and Protection Code, Chapter 42. This duplication is to maximize exposure for what the Fire Department sees as a crucial component of land development requirements.

- F. Public Hearing - Ordinance No. 10-2016, Amending Sections 14-281 through 14-285 of the Animal Ordinance, at second and final reading - Dale Baker, Deputy City Manager (386) 878-8852.

Strategic Goal: Public Safety, strengthen code enforcement.

Background:

On March 16, 2015 the City Commission adopted Ordinance No. 02-2015 which authorized a one-year trial program for backyard chickens.

As part of the program the City Manager was to report the results of the trial program to the Commission. The City has received twelve (12) complaints over the past twelve (12) months about chickens. The complaints were for keeping chickens without a permit or having roosters.

We have not received any complaints on the twenty five (25) properties that have permits for keeping chickens.

Staff believes the trial program was a success and recommends keeping the program.

At the Commission Meeting held on February 15, 2016 the

Commission voted 7 to 0 to approve Ordinance No. 10-2016 at first reading.

10. OLD BUSINESS:

11. NEW BUSINESS:

- A.** Consideration of appointments or re-appointments of three (3) members to the Planning and Zoning Advisory Board - Joyce Raftery, City Clerk (386) 878-8502.

Strategic Goal: Internal and external communication.

Background:

The terms of three (3) members of the Planning and Zoning Advisory Board will expire on March 15, 2016. John Harper, Donald Philpitt and Michael Putkowski have expressed that they wish to be re-appointed to this Board.

The City has run press releases, posted the openings on D-TV, the City's web page and bulletin boards. To date the City has received applications from the following individuals: Kimberlee Bailes, Cheryl Blancett, Derrick Boissette, Hammond Daniels, Charles Davidson, Garylyn Dover, James Diehl, Justin Starkey and Frank Whittock.

12. CITY ATTORNEY COMMENTS:

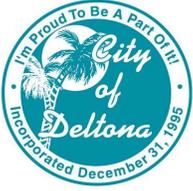
13. CITY MANAGER COMMENTS:

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

AGENDA ITEM:A.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 3 - A

SUBJECT:

Invocation Presented by Vice Mayor Nabicht

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:

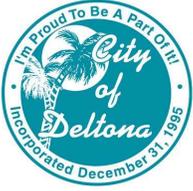
City Manager's Office

STAFF RECOMMENDATION PRESENTED BY:

N/A - Invocation Only

POTENTIAL MOTION:

N/A - Invocation Only



Agenda Memo

AGENDA ITEM:A.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 4 - A

SUBJECT:

Approval of minutes - Regular Commission Meeting of February 15, 2016 - 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 February 15, 2016.

POTENTIAL MOTION:

"I move to approve the minutes of the Regular Commission Meeting of February 15, 2016 as presented."



City of Deltona

2345 Providence Blvd.
Deltona, FL 32725

Minutes

City Commission

Monday, February 15, 2016

6:30 PM

Deltona Commission Chambers

1. CALL TO ORDER:

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

2. ROLL CALL – CITY CLERK:

Present: 9 - Commissioner Herzberg
Commissioner Honaker
Commissioner Schleicher
Commissioner Smith
Commissioner Soukup
Vice Mayor Nabicht
Mayor Masiarczyk
City Manager Shang
City Attorney Vose

3. INVOCATION AND PLEDGE TO THE FLAG:

A. Invocation Presented by Commissioner Soukup

Invocation was presented by Commissioner Soukup - Pastor Brad Stephenson with Deltona Alliance Church.

The National Anthem was sung by Chani Clark an 8th Grader at Deltona Middle School.

4. APPROVAL OF MINUTES & AGENDA:

A. Approval of minutes - Regular Commission Meeting of February 1, 2016 - Joyce Raftery, City Clerk (386) 878-8502.

Motion by Commissioner Herzberg, seconded by Vice Mayor Nabicht, to approve the minutes of the Regular Commission Meeting of February 1, 2016, as presented. The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

5. PRESENTATIONS/AWARDS/REPORTS:

None.

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.

1) Asia -Lige Arnold, 1952 West Nemo Drive, Deltona, was called to speak and she spoke about a high water bill she received from Deltona Water and the process that she went through to try to resolve the issue.

CONSENT AGENDA: All items marked with an * will be considered by one motion unless removed from the Consent Agenda by a member of the City Commission. If an item is removed for clarification only, it will be discussed immediately following action on the Consent Agenda. If an item is removed for further discussion, it will be discussed under New Business immediately following the last listed item.

8. CONSENT AGENDA:

None.

9. ORDINANCES AND PUBLIC HEARINGS:**A. Public Hearing - Ordinance No. 01-2016, Amending Section 50-3 and 50-28 of the Solid Waste Regulations, at second and final reading - Dale Baker, Deputy City Manager (386) 878-8852.**

Strategic Goal: Public Safety, strengthen code enforcement and focus on the city's beautification program.

Mayor Masiarczyk opened and closed the public hearing as there were no public comments.

Motion by Commissioner Honaker, seconded by Commissioner Schleicher to approve Ordinance No. 01-2016, to revise Chapter 50, Solid Waste, Sections 50-3 and 50-28 of the City's Code of Ordinances at second and final reading.

City Attorney Vose read the title of Ordinance No. 01-2016 for the record.

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA, AMENDING CHAPTER 50, "SOLID WASTE", OF THE CITY OF DELTONA

CODE OF ORDINANCES, BY CHANGING DEFINITION OF RESIDENTIAL CONTAINER, CHANGING DUTIES OF CUSTOMERS AND PLACEMENT OF SOLID WASTE FOR COLLECTION, PROVIDING FOR A CIVIL PENALTY; AND PROVIDING FOR CONFLICTS, CODIFICATION, SEVERABILITY, AND EFFECTIVE DATE.

The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

Ordinance No. 01-2016 was adopted at 6:44 p.m.

- B. Public Hearing - Ordinance No. 02-2016, Request to Amend the Deltona Welcome Center Business Planned Unit Development (BPUD) to a New BPUD for Lots 2 and 3, at first reading - Chris Bowley, Planning and Development Services, (386) 878-8602.**

Strategic Goal: Economic Development: Work with existing businesses to expand/grow.

Mayor Masiarczyk stated that staff had asked that this item be tabled to time certain to the March 7, 2016 Regular Commission Meeting.

Motion by Vice Mayor Nabicht, seconded by Commissioner Herzberg, to table the item to time certain to the March 7, 2016 Regular Commission Meeting. The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

- C. Public Hearing - Ordinance No. 10-2016, Amending Sections 14-281 through 14-285 of the Animal Ordinance, at first reading and to schedule second and final reading - Dale Baker, Deputy City Manager (386) 878-8852.**

Strategic Goal: Public Safety, strengthen code enforcement.

Motion by Vice Mayor Nabicht, seconded by Commissioner Herzberg, to approve Ordinance No. 10-2016, to revise Chapter 14, Animals of the City's Code of Ordinances at first reading, and to schedule second and final reading of the Ordinance for March 7, 2016.

Mayor Masiarczyk opened and closed the public hearing as there were no public comments.

City Attorney Vose read the title of Ordinance No. 10-2016 for the record.

AN ORDINANCE OF THE CITY OF DELTONA, FLORIDA, AMENDING ARTICLE VIII, "CHICKENS", OF CHAPTER 14 "ANIMALS", OF THE CODE OF THE CITY OF DELTONA; MAKING PERMANENT THE ALLOWANCE OF KEEPING CHICKENS WITH PERMIT; REMOVING REQUIREMENT TO REVIEW AFTER TRIAL PERIOD; AND PROVIDING FOR CONFLICTS, CODIFICATION, SEVERABILITY AND FOR AN EFFECTIVE DATE.

The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

Ordinance No. 10-2016 was adopted at 6:50 p.m.

D. Public Hearing - Resolution No. 2016-07, Request to Vacate Land Associated with the Davis Park Sixth Addition Subdivision. - Chris Bowley, Planning and Development Services, (386) 878-8602.

Strategic Goal: Economic Development; Focus on Howland Blvd. as the Gateway for Commercial Growth.

Mayor Masiarczyk opened and closed the public hearing as there were no public comments.

Mayor Masiarczyk read the title of Resolution No. 2016-07 for the record.

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DELTONA, VOLUSIA COUNTY FLORIDA, VACATING BLOCKS, LOTS, AND A SEGMENT OF A RIGHT OF WAY IN THE DAVIS PARK 6th ADDITION SUBDIVISION AS RECORDED IN MAP BOOK 7, PAGE 25 OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA, LOCATED NORTH OF THE INTERSECTION OF MARTIN LUTHER KING BLVD. AND HOWLAND BLVD., PROVIDING FOR CONFLICTS, SEVERABILITY; PROVIDING FOR AN EFFECTIVE DATE.

Motion by Commissioner Herzberg, seconded by Vice Mayor Nabicht, to approve Resolution No. 2016-07, vacating the following legally described area: Lots 1 through 23, Block 1 and Lots 1 through 23 Block 10, Davis Park Sixth Addition, MB 7 Page 25 and vacate that part of Illinois Ave. a 60' right-of-way located south of Lot 23 Block 1 Davis Park, Sixth Addition MB 7 Page 25 and north of Lot 1, Block 10, Davis Park, Sixth Addition, MB 7 Page 25.

The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

Resolution No. 2016-07 was adopted at 6:52 p.m.

- E. Request to authorize the City Manager to expend up to \$2,150,000 on various planned transportation projects (road resurfacing, sidewalks, Tivoli, E. Normandy) and to use Transportation Fund reserves until bond proceeds are received and to approve Resolution No. 2016-11 to establish the budget to allow the City to continue to move forward with the Transportation CIP Program - Robert Clinger, Finance Department (386) 878-8552**

Strategic Goal: Infrastructure - Implement Phase I of the Transportation CIP program.

Vice Mayor Nabicht asked if the Commission needed to stipulate a time frame to pay back the money to reserves and City Attorney Vose replied there is no requirement. Finance Director Robert Clinger added that proceeds will go right back into the same cash account and will happen automatically.

Mayor Masiarczyk opened the public hearing.

Paula Yorker, 1826 Portview Avenue, Deltona, was called to speak and she asked about the time frame that the funds would be replaced even though it is done automatically. Mr. Clinger replied around the April, May time frame.

Mayor Masiarczyk closed the public hearing.

Motion by Commissioner Honaker, seconded by Commissioner Schleicher, to authorize the City Manager to use Transportation Fund reserves until bond proceeds are received in order to continue moving forward with the City's Transportation CIP Program and to approve Resolution No. 2016-11 to amend the City's FY 2015/2016 Budget to establish the budget to continue various projects within the Transportation CIP Program.

Mayor Masiarczyk read the title of Resolution No. 2016-11 for the record.

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA;
AMENDING THE ANNUAL TRANSPORTATION FUND BUDGET FOR THE FISCAL
YEAR BEGINNING OCTOBER 1, 2015, AND ENDING SEPTEMBER 30, 2016, BY

ADJUSTING FUND BALANCE AND EXPENSES; REPEALING ALL RESOLUTIONS OR PARTS OF RESOLUTIONS IN CONFLICT HEREWITH; AND PROVIDING FOR AN EFFECTIVE DATE. A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA; AMENDING THE ANNUAL TRANSPORTATION FUND BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2015, AND ENDING SEPTEMBER 30, 2016, BY ADJUSTING FUND BALANCE AND EXPENSES; REPEALING ALL RESOLUTIONS OR PARTS OF RESOLUTIONS IN CONFLICT HEREWITH; AND PROVIDING FOR AN EFFECTIVE DATE.

The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

Resolution No. 2016-11 was adopted at 7:00 p.m.

F. Request for approval of Resolution No. 2016-05, Expressing Support for an Innovative Traffic Signal Technologies Pilot Project - Becky Vose, Legal Department, (407) 448-0111.

Mayor Masiarczyk opened and closed the public hearing as there were no public comments.

Motion by Vice Mayor Nabicht, seconded by Commissioner Herzberg, to approve Resolution No. 2016-05, Expressing Support for an Innovative Traffic Signal Technologies Pilot Project.

Mayor Masiarczyk read the title of Resolution No. 2016-05 for the record.

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA, EXPRESSING SUPPORT FOR AN INNOVATIVE TRAFFIC SIGNAL TECHNOLOGIES PILOT PROJECT, AND PROVIDING FOR CONFLICTS; SEVERABILITY; AND EFFECTIVE DATE.

The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

Resolution No. 2016-05 was adopted at 7:01 p.m.

10. OLD BUSINESS:

None.

11. NEW BUSINESS:

A. Consideration of request from JP Morgan Chase Bank for a reduction of fine from \$8,400.00 assessed pursuant to Special Magistrate Case DEL-15-138. - Dale Baker, Deputy City Manager (386) 878-8852.

Strategic Goal: Public Safety, strengthen code enforcement.

Motion by Commissioner Schleicher, seconded by Vice Mayor Nabicht, to not grant any reduction of fines requested of JP Morgan Chase Bank concerning Case No. DEL-15-138 for the property located at 2790 Thornberry Court, Deltona, Florida.

Mayor Masiarczyk opened the public hearing.

Attorney Ryan Waters, Esq. with Gray-Robinson Attorneys at Law, representing J.P. Morgan Chase Bank, provided a brief background of the code case.

Commissioner Soukup asked if the property is in compliance and Mr. Baker replied the property is in compliance per the City's code.

Mayor Masiarczyk closed the public hearing.

The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

B. Consideration of Commissioner Honaker's appointment to the Planning and Zoning Board for the remainder of a term to expire on March 15, 2016 - Joyce Raftery, City Clerk (386) 878-8502.

Strategic Goal: Internal and external communication.

Commissioner Honaker gave a brief explanation of what he looks for when reviewing board applications and he appointed Michael Putkowski to the Planning and Zoning Board.

Motion by Commissioner Honaker, seconded by Commissioner Smith, to confirm Commissioner Honaker's appointment for the remainder of a term to expire on March 15, 2016 to the Planning and Zoning Board. The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

C. Consideration of Commissioner Soukup's appointment and the Commission's appointment of one (1) alternate member to the Economic Development Advisory Board - Joyce Raftery, City Clerk (386) 878-8502.

Strategic Goal: Internal and external communication.

Commissioner Soukup appointed Phyllis Stauffenberg as his appointment and Victor Ramos as the alternate appointment to the Deltona Economic Development Advisory Board.

Motion by Commissioner Soukup, seconded by Commissioner Schleicher, to confirm Commissioner Soukup's appointment and the Commission's alternate appointment to the Deltona Economic Development Advisory Board with a term to expire on May 31, 2017.

The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

12. CITY ATTORNEY COMMENTS:

None.

13. CITY MANAGER COMMENTS:

None.

14. CITY COMMISSION COMMENTS:

a) Commissioner Soukup spoke about his trip to Fort Worth, Texas and he stated that their fire trucks are named and are painted to reflect the name and/or a particular station and he suggested adopting this same practice once the new Fire Chief is hired. He was a judge on Saturday at the Deltona High School Talent Show and the talent was phenomenal. He suggested that after Pine Ridge High School does their talent show that there be a citywide talent show and he encouraged anyone that has not attended one of the talent shows to do so. He stated the Deltona High School boys' varsity basketball team will be playing in a regional basketball tournament against Atlantic High School and if Deltona wins they will move on to the regional finals. He spoke about the large handwritten sign located at the corner of Howland and Catalina Blvds. and the need to revise the sign ordinance. He stated that Halifax has a health services location

at the YMCA located on Wolf Pack Run and he encouraged everyone to utilize this free service.

Mayor Masiarczyk added that small groups can use the space at the YMCA dedicated to Halifax, it can accommodate approximately 12 to 15 people and there is no charge.

b) Commissioner Herzberg spoke about the 4th Annual Love Your Heart 5K Run sponsored by Florida Hospital which raised \$5,500 and she is happy it is on the tour of 5K races. She stated there is a Bill that was introduced by Senator Miller that would create State information systems to track Homeless Management Information System (HMIS) which would help track who is getting help and from what agencies and they are looking at rapid rehousing, taking State Housing Initiatives Partnership (SHIP) funds so it will be allowed for actual housing and the State is trying to unify things with the homeless situation.

Commissioner Herzberg asked for the status of the Granicus voting system and the City Clerk replied there will be training on Wednesday, February 17th and there will need to be a test meeting with the Commission after that before going live.

c) Commissioner Honaker thanked the City Attorney for her weekly report and he spoke about a marketing issue with the El Sentinel being delivered to residents that did not order it and he advised for residents to contact the Orlando Sentinel so the subscription will not be delivered anymore. He suggested having in the sign ordinance instead of a 5 x 4 square foot sign to make it a standard 5 x 5 square foot sign. He encouraged everyone to create a neighborhood watch to help keep the neighborhoods safe, he shared his disappointment that City Hall is not closed in recognition of President's Day and he reminded everyone about the "Coffee with a Cop" on Wednesday, the West Volusia Summit on Saturday, the Commission's Relay For Life fundraiser on March 31st and he also thanked Mr. Pescha for all he has done to help the chicken ordinance be a success.

d) Commissioner Schleicher stated she attended the West Volusia Youth Baseball Opening Day Parade and Ceremony which was loads of fun and she met with the West Chapel Neighborhood Watch group who are helping to keep their neighborhood safe by watching each other's homes. She stated tomorrow she will be attending the Bethune Cookman Awards Breakfast for Spirit Elementary. She congratulated the Sterling Court Senior Apartments for winning the Best Living Award which is based on 100,000 interviews and reviews turned in and that only about 1% of senior facilities make that cut.

e) Commissioner Smith stated the school talent shows are amazing but, the City should take advantage of the theater groups, drama productions, bands and chorus which are the best shows in town. She suggested working with the principals and the activity directors to promote school events on the City's Facebook page. She stated she attended the West Volusia Youth Baseball Opening Day Parade and Ceremony where she and Commissioner Honaker rode on the firetruck with the 5 year olds, that there were not a lot of people along the parade route but, everyone had a great time and she

thanked the leadership of the organization.

f) Vice Mayor Nabicht asked the Commission to support a request for the City Manager to schedule a workshop on the water distribution center of Deltona North because the City is growing quickly in that service area, the City does not control it and he gave an explanation of a past issue in that area and how it was resolved and the issues now. He asked that the City Manager engage an engineer and fire protection engineer to make a presentation of the overview of the system and where it needs to go to support future growth and he asked if the County can sustain both potable water and fire protection water. He stated the Commission needs to be well informed and not to delay any new and future construction in the area.

Mayor Masiarczyk stated he would like to see exactly what is in the area, what the shortcomings are because the City cannot control what the County does with Deltona North and that if it is going to impact the City's growth and development he does not want to wait until a project is complete for the Fire Chief to say there is not enough water pressure to sustain the project. He also spoke about being contacted by a gentleman who was concerned regarding the continued four laning of Howland Blvd.

g) Mayor Masiarczyk apologized for missing the West Volusia Youth Baseball Opening Day Parade, he has never missed this event but, a lady contacted him Friday evening and told him the parade was cancelled. He stated at the last Mayor's Roundtable there were three (3) advisors who came up with the idea to have another non-profit at an administrative cost of \$170,000 and he took exception at having another agency developed when there are agencies currently involved. He stated the group would screen them and move them along and although he understands the concept, it will cost a lot of tax payer's money to start a non-profit.

Commissioner Herzberg explained that they are restructuring the continuum of care and instead of having a provider as the head of the continuum of care they are trying to structure it so a non-profit becomes the head of the continuum of care who would receive and distribute the money. She thinks the restructuring is a good idea and Mayor Masiarczyk stated his final question to the board was to make sure that it is not a duplication of what is already there.

Mayor Masiarczyk stated that Commission Comments are usually one (1) or two (2) minutes each and not a list of all the events that are going on in the area. He asked if the Commission wanted to continue with the way things are being done because the Commission starts asking questions, there are things he would like to get into deeper and if so he can schedule some time accordingly. He spoke about the Deltona High School Talent Show.

Motion by Vice Mayor Nabicht, seconded by Commissioner Herzberg, to encourage Commissioner Soukup and Commissioner Honaker to contact the Principals and Activity Directors of the schools to coordinate an annual city-wide talent show.

Vice Mayor Nabicht called the question.

The motion carried by the following vote:

For: 7 - Commissioner Herzberg, Commissioner Honaker, Commissioner Schleicher, Commissioner Smith, Commissioner Soukup, Vice Mayor Nabicht, and Mayor Masiarczyk

Mayor Masiarczyk stated to include the middle and high schools in the talent show, to include the top three (3) winners of all the high school talent shows and to have the annual City talent show be hosted each year at a different high school. He stated to get everyone involved, it can be a fundraiser and that the residents do not realize the amazing talent that the City has to offer.

The Commission concurred to not have a time limit on Commission Comments.

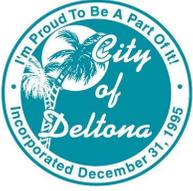
15. ADJOURNMENT:

There being no further business, the meeting adjourned at 7:41 p.m.

John Masiarczyk, Sr., Mayor

ATTEST:

Joyce Raftery, CMC, MMC, City Clerk



Agenda Memo

AGENDA ITEM:A.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 5 - A

SUBJECT:

Recognition to the Firefighters of Deltona for their help with Deltona High School's Health Academy & their response to a U-Haul truck fire on I-4

LOCATION:

N/A

BACKGROUND:

The Health Services Academy is a career based program where students can explore careers in the field of health care. The academy is based on a strong partnership between Deltona High School and members of the local health care community. Courses offer students the chance to participate in an intensive medical preparation combined with their recommended academics. Students also have the chance to interact with guest speakers who are professionals in the community, to take part in job shadowing placements, to participate in field study trips, and to join the national co-curricular student organization Health Occupations Students of America (HOSA).

Deltona firefighters have been involved with Deltona High School's Health Academy for approximately 15 years. Firefighters work with students 11 hours at a time so they can experience the actual role of a firefighter. Students may assist in many calls such as trauma alerts, house fires and even childbirth. The fire department provides invaluable support for the academy through the donation of supplies and lessons and many of the men and women dedicate their own personal time to assist in the students' success.

Brandy Meadows (Health Service Academy Instructor) and her students would like to recognize these amazing men and women of Deltona's Fire Department for all their assistance through the years.

Pancake Breakfast Fundraiser

Deltona Fire Firefighters and Deltona High Schools HOSA Students held a Pancake Breakfast Fundraiser at Fire Station 65 on Sunday February 28th.

Join the Deltona Fire Firefighters and Deltona High Schools HOSA Students on April 2nd for a second Pancake Breakfast Fundraiser at Fire Station 65.

This event is designed to support HOSA Students who competed and placed 1st, 2nd and 3rd in the regional competition, placing them in State Leadership Conference this April. HOSA is a medical program, Health Occupation Students of America. These students are working towards their future

AGENDA ITEM:A.

careers. Help them off-set the cost of the trip.

Tickets are \$3.00 and can be purchased at Fire Station 61 located at 1685 Providence Blvd. or on the day of the event at Fire Station 65.

U-Haul Truck Fire

On February 1st Firefighters responded to a U-Haul truck fire on I-4. Their compassion and dedication toward a family who lost so much on this unfortunate night is sincerely appreciated. The response of this crew shows the Pride, Dedication, and Honor toward the citizens of this community and all that pass through it.

COST:

N/A

SOURCE OF FUNDS:

N/A

ORIGINATING DEPARTMENT:

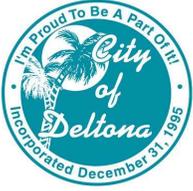
City Manager's Office

STAFF RECOMMENDATION PRESENTED BY:

N/A - Recognition Only

POTENTIAL MOTION:

N/A - Recognition Only



Agenda Memo

AGENDA ITEM:B.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 5 - B

SUBJECT:

Sterling Court Named Top Rated Senior Care Provider for 2016

LOCATION:

Sterling Court, 1001 Alabaster Way, Deltona FL

BACKGROUND:

SeniorAdvisor.com released its list of the Top Rated Senior Care Providers for 2016, and Sterling Court placed in the Top One Percent of all senior care providers nationwide. The Top Rated honors are based on the ratings from center residents and their families. SeniorAdvisor.com received reviews and ratings for more than one hundred thousand senior care options across the country, and narrowed the list to those earning at least a 4.5 out of 5 from the reviews.

SeniorAdvisor.com is the nation's largest senior living review site, and provides information to families regarding senior care and service options. Each year, SeniorAdvisor.com names its Best of Awards, recognizing outstanding senior living and home care providers who have consistently received high ratings from residents and their families.

COST:

N/A

SOURCE OF FUNDS:

N/A

ORIGINATING DEPARTMENT:

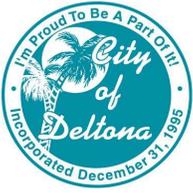
City Manager

STAFF RECOMMENDATION PRESENTED BY:

N/A- Presentation only

POTENTIAL MOTION:

N/A- Presentation only



Agenda Memo

AGENDA ITEM:C.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 5 - C

SUBJECT:

Super Star Student of the Month Certificates for February 2016

LOCATION:

N/A

BACKGROUND:

Super Star Student of the Month awards for February 2016 will be presented to:

1. Deltona Lakes Elementary, Daniel Matias, 3rd Grade
2. Discovery Elementary, Victor Bissoondyal, 3rd Grade
3. Enterprise Elementary, Natalie Paris Mendoza, 4th Grade
4. Forest Lake Elementary, Tristan Parrish, 4th Grade
5. Friendship Elementary, Alexandra Salgado, 5th Grade
6. Pride Elementary, Kimaris Cardona, 2nd Grade
7. Spirit Elementary, Skylar Theiss, 3rd Grade
8. Sunrise Elementary, Jabin McIntyre, 3rd Grade
9. Timbercrest Elementary, Sophia Hazelbaker, 3rd Grade
10. Deltona Middle, Dakota Doyon, 7th Grade
11. Galaxy Middle, Jaylene Iseppi, 6th Grade
12. Heritage Middle, Francis Furse, 7th Grade
13. Deltona High, Kathleen Root, 9th Grade
14. Pine Ridge High, Akil Hughes, 9th Grade
15. University High, Ashia Johnson, 11th Grade

COST:

N/A

SOURCE OF FUNDS:

N/A

ORIGINATING DEPARTMENT:

City Manager's Office

STAFF RECOMMENDATION PRESENTED BY:

N/A - Presentation Only

AGENDA ITEM:C.

POTENTIAL MOTION:
N/A - Presentation Only

Super Star Students Read File – February 2016 presented on March 7, 2016.

Teacher	School	Student	Grade	Reading Comments on Student Achievements
Miss Megan Plouffe	Deltona Lakes Elementary	Daniel Matias	3rd	<p>Daniel Matias, a 3rd grade student at Deltona Lakes Elementary School, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Perseverance and improvement; Daniel always puts in his best effort and is one of the most academically improved students in his class. • Responsibility; Daniel is very responsible and trustworthy. He has been chosen as one of the classroom monitors by his teacher. • Kindness; Daniel is always a great example by being kind and friendly to others and always offers help when needed.
Mrs. Woods	Discovery Elementary	Victor Bissoondyl	3rd	<p>Victor Bissoondyl, a 3rd grade student at Discovery Elementary School, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Academic Excellence; Victor makes straight A's. • He loves learning and often takes on a leadership role helping other students when they are struggling with their own work. • Victor is a creative and self-motivated student.

<p>Ms. Tammy Hirsch</p>	<p>Enterprise Elementary</p>	<p>Natalie Paris Mendoza</p>	<p>4th</p>	<p>Natalie Paris Mendoza, a 4th grade student at Enterprise Elementary School, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Natalie is in the National Elementary Honor Society. • She has exceptional development in writing. • Natalie makes the honor roll each grading period. • She is an outstanding role model and serves in the community by donating time and talent to her church. • Natalie is involved in supporting children via her church. • She has a beautiful smile that she shares with everyone.
<p>Mrs. Dembkowski</p>	<p>Forest Lake Elementary</p>	<p>Tristan Parrish</p>	<p>4th</p>	<p>Tristan Parrish, a 4th grade student at Forest Lake Elementary School, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Academic excellence; Tristan is an honor roll student. He was the top speller in his class and participated in the school spelling bee. • He participates in school activities, as demonstrated by his activity in the school running club. He is the second fastest runner in the club! • He is active in the community and plays football for the Deltona Wolves. He also plays AAA baseball at Dewey Boster Park and All Star baseball in the summer. • Tristan is an excellent student with a great attitude in class and willing to help his teacher and classmates. • Tristan is a student who is always striving to be the very best he can be. He loves a challenge and does not give up easily. • Tristan is a wonderful and loving big-brother. He is also extremely hard working, dedicated, and diligent in everything he does.

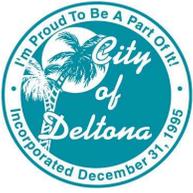
Mrs. Watson	Friendship Elementary	Alexandra Salgado	5th	<p>Alexandra Salgado, a 5th grade student at Friendship Elementary, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Academic achievements; Alexandra is on the Honor roll. • She is dedicated and responsible, as demonstrated in her performance as a Safety Patrol Captain. • Alexandra is helpful and kind. She always offers to assist others, whether it be staff or students.
Ms. Rohmeyer	Pride Elementary	Kimaris Cardona	2nd	<p>Kimaris Cardona, a 2nd grade student at Pride Elementary School, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Kimaris is such a responsible and caring young lady. She is always helpful to her teachers and peers and can be counted on to always set a wonderful example. • Kimaris' interest in dinosaurs is amazing! She knows so many interesting facts and wants to become a paleontologist when she grows up. • Kimaris has demonstrated leadership in the classroom and assists with monitoring behaviors. She takes the initiative to kindly remind students of expectations and she will use our class behavior system of dollars to reward students making good choices.
Mrs. Pyburn	Spirit Elementary	Skylar Theiss	3rd	<p>Skylar Theiss, a 3rd grade student at Spirit Elementary School, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Outstanding citizenship and academic excellence. • Skylar exceeds expectations. • She is a model student.

Mr. Buchanan	Sunrise Elementary	Jabin McIntyre	3rd	<p>Jabin McIntyre, a 3rd grade student at Sunrise Elementary School, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Academic excellence and excellent study skills. • Jabin is responsible and an outstanding school citizen. • He is very helpful to his teacher, peers, and family.
Ms. Rogalski	Timbercrest Elementary	Sophia Hazelbaker	3rd	<p>Sophia Hazelbaker, a 3rd grade student from Timbercrest Elementary School, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Always being 100% attentive in class. • Sophia always asks questions and loves to learn. • She is respectful to her teacher and peers and is looked upon as a role model within the classroom. • Sophia has maintained straight A's for 2 quarters and is always on task.
Deltona Middle	Deltona Middle	Dakota Doyon	7th	<p>Dakota Doyon, a 7th grade student from Deltona Middle School is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Dakota is a wonderful, self-motivated student who works hard and goes above and beyond her requirements as a student. • She writes her own essays in addition to her classroom writing to enhance her own knowledge. • She is a delightful student and a fantastic Charger.

<p>Ms. Berkery, Mr. Haigh, Ms. Bowen and Mr. Krob</p>	<p>Galaxy Middle</p>	<p>Jaylene Iseppi</p>	<p>6th</p>	<p>Jaylene Iseppi, a 6th grade student from Galaxy Middle School is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Jaylene is a joy to have in class. She is always helpful and polite to her peers and teachers. • She is never absent and has Great Grades! • She is an awesome student including her grades, behavior, respect and participation. • Jaylene is very respectful, and responsible. • She deserves whatever accolades we can give her!
<p>Heritage Middle</p>	<p>Heritage Middle</p>	<p>Francis Furse</p>	<p>7th</p>	<p>Francis Furse, a 7th grade student from Heritage Middle School is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Francis is an Honor Roll student. • Francis is a member of the band and plays tuba. • Francis loves to raise rabbits, plays baseball and is recognized as an outstanding citizen.

<p>Alisha Kellett and Farrah Johnson</p>	<p>Deltona High</p>	<p>Kathleen Root</p>	<p>9th</p>	<p>Kathleen Root, a 9th grade student from Deltona High School is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Academic excellence: Kathleen maintains a 3.6 Grade Point Average, with a rigorous schedule in both the Health Services Academy and the Agriculture Program. Challenging herself academically in high school, in order to prepare for a career in Sport or Veterinary Medicine. • Extracurricular activities: Kathleen is a member of Future Health Professionals and Future Farmers of America, taking a leadership role in FFA. She is a member of the winning group for the FFA Federation contest's opening and closing ceremonies. • Service activities: Kathleen contributes to her school community, as well as the city of Deltona, helping with the Blood Drives held at our school. She displays academic maturity and leadership skills, always willing to help her peers.
<p>Mr. Wilbert</p>	<p>Pine Ridge High</p>	<p>Akil Hughes</p>	<p>9th</p>	<p>Akil Hughes, a 9th grade student from Pine Ridge High School, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none"> • Academic excellence; he is maintaining honor roll with all As. • Akil is responsible, as demonstrated in his performance as Video Technician for the boys' basketball team. • Akil helps others in class as a peer tutor and is always ready to offer assistance in a kind and friendly way.

Mrs. Wickett	University High	Ashia Johnson	11th	<p>Ashia Johnson, an 11th grade student from University High School, is receiving a Super Star certificate for:</p> <ul style="list-style-type: none">• Ashia demonstrates the type of values that all young ladies should emulate.• She is highly motivated to achieve her very best in all of her endeavors.• Ashia is consistently honest, straightforward and dedicated to earning high grades.• She is a very effective speaker and has a professional appearance when required.• Ashia is a member of JROTC and is extremely proud of the possibility of serving her country in the armed forces.
--------------	-----------------	---------------	------	--



Agenda Memo

AGENDA ITEM:A.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 9 - A

SUBJECT:

Public Hearing - Ordinance No. 02-2016, Request to Amend the Deltona Welcome Center Business Planned Unit Development (BPUD) to a New BPUD for Lots 2 and 3, at first reading - Chris Bowley, Planning and Development Services, (386) 878-8602.

Strategic Goal: Economic Development: Work with existing businesses to expand/grow.

LOCATION:

Lots 2 and 3, Deltona Welcome Center, are located at the northeast corner of the intersection of Deltona Blvd. and Debary Ave.

BACKGROUND:

At the request of the applicant, the City Commission at the February 15, 2016 meeting rescheduled the first reading of the ordinance to the date-certain March 7, 2016, City Commission public hearing.

This BPUD request is for the development of a Racetrac gas station with a ±6,000 square foot convenience store and multiple fueling bays. The proposed amendment is to update the Development Agreement (DA) and to create a new BPUD rezoning event for Lots 2 and 3 only. The DA has been reviewed by staff and is presented in an underline/strike-through format that addresses land use, access management, transportation, development intensity, and aesthetics. For more information, see the attached staff report, including the proposed DA, with recommended changes. Finally, on January 20, 2016, the Planning and Zoning Board heard the rezoning request and recommended that the City Commission adopt Ordinance No. 02-2016.

COST:

N/A

SOURCE OF FUNDS:

N/A

ORIGINATING DEPARTMENT:

Planning and Development Services

STAFF RECOMMENDATION PRESENTED BY:

Chris Bowley, Director, Planning and Development Services - Staff recommends that the City Commission approve Ordinance No. 02-2016, amending Lots 2 and 3 of the Welcome Center Drive BPUD for a new BPUD, with the proposed changes to the Development Agreement, at first reading,

AGENDA ITEM:A.

and to schedule second and final reading of the ordinance for April 4, 2016.

POTENTIAL MOTION:

"I hereby move to approve Ordinance No. 02-2016, amending Lots 2 and 3 of the Welcome Center Drive BPUD for a new BPUD, with the proposed changes to the Development Agreement, at first reading, and to schedule the second and final reading of the ordinance for April 4, 2016."

ORDINANCE NO. 02-2016

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA, REZONING THE BUSINESS PLANNED UNIT DEVELOPMENT (BPUD) AS BPUD FOR LOT 2, DELTONA WELCOME CENTER, PER MAP BOOK 45, PAGE 17 AND LOT 3 DELTONA WELCOME CENTER REPLAT, PER MAP BOOK 50, PAGE 37, OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA, TOTALING APPROXIMATELY ±1.98 ACRES; PROVIDING FOR CONFLICTS, SEVERABILITY, AND AN EFFECTIVE DATE.

WHEREAS, the City has received an application to rezone a portion of the February 23, 2003, Deltona Welcome Center Business Planned Unit (BPUD) Development as BPUD featuring a new Development Agreement and Master Development Plan for Lot 2, Deltona Welcome Center, Map Book 45, Page 17 and Lot 3 Deltona Welcome Center Replat, Map Book 50, Page 37.

WHEREAS, the City of Deltona, Florida, and its Land Planning Agency, have complied with the requirements of Municipal Home Rule Powers Act, sections 166.011 et seq., Florida Statutes, in considering the proposed BPUD rezoning action; and

WHEREAS, after said public hearing, the City Commission of the City of Deltona, Florida, has determined that the Lot 2 Deltona Welcome Center MB 45 PG 17 and Lot 3 Deltona Welcome Center Replat MB 50 PG 37 will be rezoned from the Deltona Welcome Center BPUD with amended and new BPUD standards.

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

Section 1. Lot 2, Deltona Welcome Center, Map Book 45, page 17 and Lot 3 Deltona Welcome Center Replat, per Map Book 50, page 37 of the public records of Volusia County, Florida, are hereby rezoned as an amended Business Planned Unit Development.

Section 2. This Ordinance is adopted in conformity with and pursuant to the Comprehensive Plan of the City of Deltona, the Local Government Planning and Land Development Act, sections 163.161 et. seq., Florida Statutes, and the Municipal Home Rule Powers Act, Sections 166.011 et. seq., Florida Statutes.

Section 3. Conflicts. All Ordinances or parts of Ordinances insofar as they are inconsistent or in conflict with the provisions of this Ordinance are hereby repealed to the extent of any conflict.

Section 4. Severability. In the event that any portion or section of this Ordinance is determined to be invalid, illegal or unconstitutional by a court of competent jurisdiction, such decision shall in no manner affect the remaining portions or sections of this Ordinance, which shall remain in full force and effect.

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: _____

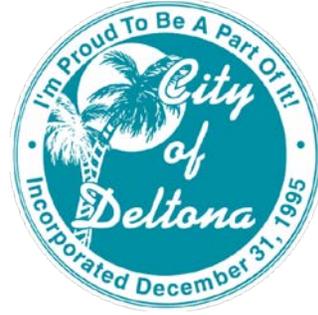
BY: _____
JOHN C. MASIARCZYK, SR., Mayor

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: Ron A. Paradise, Assistant Director, Planning and Development

Date: January 4, 2016

Re: Project No. RZ15-007, Ordinance No. 02-2016, Business Planned Unit Development Rezoning Request for Lots 2 and 3 Deltona Welcome Center

A. Summary of Application:

Applicant: Mikal R Hale, P.E.
Traffic Engineering Solutions, Inc.

Request: Rezone Lots 2 and 3 of the Deltona Welcome Center project from Business Planned Unit Development (BPUD) Development Agreement to Business Planned Unit Development (BPUD).

Tax Parcel No.: 01-19-30-08-00-0020 & 01-19-30-10-00-0030

Property Acreage: ±1.98 Acres

Property Location: Northeast corner of the intersection of Deltona Boulevard and Dirksen/Debary Avenue.

Legal Description: Lot 2 Deltona Welcome Center, per Map Book 45, page 17 and Lot 3 Deltona Welcome Center Replat, per Map Book 50, Page 37, of the public records, Volusia County, Florida

Existing Zoning: BPUD

B. Background: The City has received an application to rezone a portion of the Deltona Welcome Center Business Planned Unit Development (BPUD) project to an independent Business Planned Unit Development. The purpose of the rezoning is to

reconfigure site access and to facilitate the construction of an approximately 6,000 square foot convenience store with 20 fueling pumps. Recently the property was the subject of an amendment to the 2003 Deltona Welcome Center Business Planned Unit Development. The amendment involved very limited subject matters and addressed only access and a change of use (allowance of a convenience store with fueling pumps). The amendment to the 2003 Deltona Welcome Center BPUD was approved by the City on September 21, 2015. After approval, the applicant approached the County to gain access to Debary Av. However, after extensive negotiations, the County did not approve the access request. The lack of access onto Debary Av. caused the applicant to review other access options for the site.

With regard to access, the applicant, through this rezoning application, is requesting a full movement onto Deltona Blvd. The September 2015 amendment granted a limited right in and right out access to Deltona Blvd. Deltona Blvd. is a City road and the City has the ability to grant a full access movement to this roadway.

Other elements of the rezoning request include landscaping, transportation improvements and building design and orientation (as depicted on the Master Development Plan and building elevations).

Since the current request addresses more than a limited subject (access/use), a rezoning for Lots 2 and 3 was determined to be a more comprehensive approach to managing development on the property. The rezoning request covered under Ordinance No. 02-2016 will only be applicable for lots 2 and 3. Ordinance 14 – 2015 which was an amendment to the 2003 Deltona Welcome Center Business Planned Unit Development will be superseded by this rezoning request. In addition, the 2003 Deltona Welcome Center BPUD will remain in effect for the remainder of the Welcome Center lots and common areas (stormwater, etc.). Finally, any requirements or obligations associated with the 2003 BPUD agreement not covered in this request will remain in effect and be applicable to lots 2 and 3.

C. 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 62

- d. Law Enforcement: Volusia County Sheriff's Office (VCSO)
- e. Electricity: Duke Energy

D. 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 rezoning request is consistent with the following goals and objectives of the City's Comprehensive plan.

Policy FLU1-7.26

The City shall seek to expand commercial, industrial and mixed-use development at appropriate locations, including the three target areas identified in accordance with economic development strategies and initiatives.

The subject property is located in one of three major gateways into the City, and is an ideal location for commercial development. Located within 600 feet of I-4, this property is appropriate for the use proposed.

Policy FLU1-5.13

In implementing the Future Land Use Element, the City shall develop and adopt regulations to ensure to the maximum extent feasible, compatibility of use of areas and properties, including but not limited to such factors as traffic circulation, air quality and odor control, noise control, lighting and aesthetics. 9J-5.006(3)(c)(2)

There are suggested changes to the BPUD Development Agreement that seek to improve traffic circulation and promote aesthetically appropriate development. Therefore, the attached Development Agreement with staff suggested changes would be consistent with this policy.

Policy T1-3.2

The City of Deltona shall maintain land use regulations which provide for the continued safe and efficient movement of local traffic, and maintain a transportation system which accommodates demand at an acceptable level of service. 9J-5.019(4)(c)

The Thoroughfares in the area operate within acceptable level of service thresholds. Transportation improvements and a signal warrant study required

as part of the revised Development Agreement will help ensure the movement of traffic.

Policy I1-PW3.5

The "infilling" of developed areas shall be directed to locations where an existing central system of potable water is available and where capacity is adequate to service the intended development or to those areas where funds have been committed for the provision of adequate capacity. 9J-5.011(2)(c)(1)

Development at this site would be an example of infill. Water and sewer utilities are already established in this area and capacity is available.

2. Its impact upon the environment or natural resources.

The subject property has been planned for urban and highway interchange development for quite some time. The site is densely wooded with a mix of palms, hardwoods and a few pines. Gopher tortoises are known to inhabit the site and the applicant will need to follow state and federal procedures to remove those animals. No other listed species are known to inhabit the site.

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

The development of a RaceTrac gas station will create short-term construction trickle down economic growth and later result in several full-time management positions as well as up to 20 part-time positions.

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:** This rezoning is non-residential and should have no negative impact on local schools
- b. **Sewage Disposal:** Wastewater will be treated by Deltona Water. The proposed use will generate approximately 1,300 Gallons Per Day (GPD) of wastewater; the Deltona Water sanitary sewer system currently has 250,000 GPD of remaining treatment capacity.
- c. **Potable Water:** Potable water will be supplied by Deltona Water. The proposed development will use approximately 1,300 GPD of potable

water, which is equivalent to four residential dwelling units. Deltona Water has ample potable water capacity to support the proposed use.

- d. **Drainage:** The Deltona Welcome Center PUD project has a master stormwater system to manage stormwater associated with the development. The applicant will be required to certify the capacity of the master stormwater system to warrant that there is adequate volume and flow characteristics to manage run-off generated by the project. In addition, if there are stormwater deficiencies identified, the applicant will be responsible for addressing such deficiencies.
- e. **Transportation Systems:** The surrounding thoroughfares have trip capacity and currently operate at a level of “D”, with the exception of Dirksen/Debary Avenue from Deltona Blvd to I-4 which operates at a level of “E”. The applicant has provided a Transportation Impact Analysis (TIA) that indicates the following:
- The proposed development will generate a total of 1,704 net new daily trips, of which 82 new trips will occur in the AM peak hour and 102 new trips will occur in the PM peak hour.
 - A review of roadway capacity indicates that currently all roadway segments operate within capacities and are projected to continue to do so at project build-out.
 - An analysis of intersection capacity and operations reveals that the study intersections currently operate adequately. The intersections are projected to continue to operate adequately after project build-out.

As has been mentioned, an element of this rezoning request is a full access movement onto Deltona Blvd. The proposed access point has been reviewed by three traffic/engineering professionals including a transportation engineer for the applicant, a transportation engineer hired by the City to review the applicant supplied traffic impact analysis and the City engineer. Find attached the applicant supplied traffic impact analysis prepared by the firm TMC and a peer review of the TMC work prepared by an engineer at the consulting company VHB. The results of the TMC and VHB findings are differing. VHB indicates that the full access movement would create traffic conflicts associated with left turns, especially during the a.m. peak. TMC indicates that the full access could be functional. However, the addition of a full access to Deltona Blvd., based on the juxtaposition of the requested access to the Welcome Center Dr./Deltona Blvd. and Deltona Blvd./Debary Av. intersections, would necessitate

transportation improvements to the Deltona Blvd. corridor. The need for improvements to the local Deltona Blvd. corridor is made more acute because of the curvature of Deltona Blvd. south of Welcome Center Dr. and traffic queuing characteristics along Deltona Blvd. during the a.m. peak.

Based on input from the City engineer, the following actions are recommended to accommodate the proposed full movement access onto Deltona Blvd.:

1) A center turn lane shall be installed extending from the left turn lane at the Welcome Center Dr./Deltona Blvd. intersection to the left turn lane at the Deltona Blvd./Debary Av. intersection.

2) To accommodate the above mentioned center turn lane, the existing travel lanes of Deltona Blvd. need to be expanded. This expansion should be accommodated within the existing Deltona Blvd. platted right of way.

3) The full access point on Deltona Blvd. shall be designed consistent with Chapter 96 and Chapter 110-829 of the City Land Development Code. In addition, the access shall be designed and available to facilitate joint access for neighboring lot 4.

4) A signal warrant study, financed by the applicant, will be required within one year of an issuance of a certificate of occupancy to determine if there is a need for a traffic signal at the Welcome Center Dr./Deltona Blvd. intersection. If a signal is warranted, the City and the applicant will engage in a fair share agreement to pay for the signal installation.

All of the above improvements, with the exception of the Welcome Center Dr./Deltona Blvd. signal shall be the sole responsibility of the applicant to finance and construct (to City specifications).

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

The Deltona Welcome Center PUD has underperformed for many years; even with the widening of Debary Avenue five years ago. The proposed project represents an opportunity for renewed investment in the Welcome Center area.

6. Any mistakes in the original classification.

No known mistakes.

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

The BPUD, like all Planned Unit Developments, is associated with a written Development Agreement (DA). The DA as part of the subject rezoning addresses matters of public health, welfare, safety and morals. For example, the access and related conditions are part of the DA. Also, there are aesthetic parameters included within the DA, more specifically, building elevations and a landscape plan.

The property, by virtue of location at an entrance to the City, is covered by gateway standards known as the Enterprise Commercial Overlay District (EO). The EO is intended to promote a high quality built environment that is complementary to the historical character of the nearby unincorporated community of Enterprise. Upon reviewing the RaceTrac building elevations, staff has determined that the architectural design and treatments of the primary structure capture the building design elements of the EO. However, there are some aspects of the site design that could be upgraded to more thoroughly comport with the EO standards. The suggested upgrades are as follows:

- a. The fueling canopy cannot be backlit;
- b. The dumpster and outside storage is completely screened from public right-of-ways;
- c. The pedestrian path from the fueling canopy is delineated with materials or textures and a matching building color that are different from the surrounding parking lot;
- d. All mechanical equipment, including but not limited to, meters, utility boxes, wells, etc., freestanding or not, shall be completely screened;
- e. A master lighting plan to include photometric details demonstrating that illumination will not exceed 1 foot candles along any property lines, will be required as part of the Site Plan review process. The master lighting plan shall also depict the location, type and height of lighting and freestanding light pole design; and
- f. Non-recessed lighting is acceptable provided lights are not neon or fiber optic.

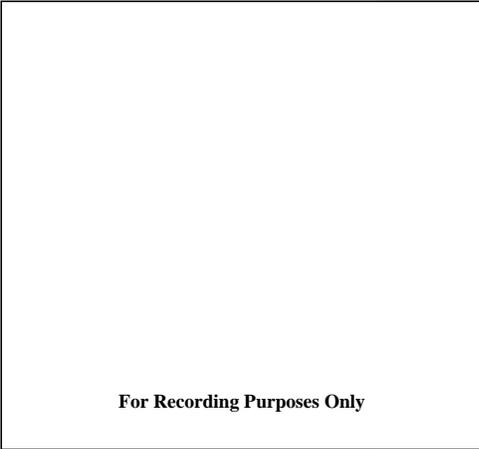
Finally, a landscape plan is included as an exhibit of the Development Agreement. Landscaping is a function of the City site plan review process. Therefore, the landscaping plan should be removed from the Development Agreement and a statement made that landscaping shall comply with Chapter 110-808.

CONCLUSION/STAFF RECOMMENDATION:

Staff recommends approval of Ordinance 02-2016 to include the changes suggested to the Development Agreement.

**THIS INSTRUMENT PREPARED BY
AND AFTER RECORDING RETURN TO:**

Gretchen R. H. Vose, Esq.
City Attorney
City of Deltona
2345 Providence Boulevard
Deltona, Florida 32725



For Recording Purposes Only

Exhibit "A" to Ordinance No. 02-2016

DEVELOPMENT AGREEMENT

for the project known as RaceTrac Neighborhood Market located within the Deltona Welcome Center Business Planned United Development (BPUD) (hereinafter referred to as the "Subject Property").

THIS DEVELOPMENT AGREEMENT (hereinafter referred to as the "Agreement") is entered into and made as of the ___ day of _____, 2016, by and between the CITY OF DELTONA, a Florida municipal corporation, with a mailing address of 2345 Providence Boulevard, Deltona, Florida 32725, (hereinafter referred to as the "City"), and RACETRAC PETROLEUM, INC., a Georgia corporation, with a mailing address of 3225 Cumberland Boulevard, Atlanta Georgia 30339 (hereinafter referred to as the "Developer").

WITNESSETH

~~WHEREAS, the Developer is currently under contract to purchase the Subject Property and, in the event Developer ultimately acquires the Subject Property, intends to develop such property as a RaceTrac neighborhood market with fueling positions (the "RaceTrac Project"); and~~

Formatted: Strikethrough

WHEREAS, the Subject Property, more particularly described on Exhibit "A" attached hereto and incorporated herein by this reference, is a portion of the Deltona Welcome Center Business Planned Unit Development (BPUD) and the BPUD is subject to that certain

~~Developer's Development Agreement dated April 25, 2003, and recorded among the Public Records of Volusia County, Florida at Official Records Book 5065, Page 415 (the "2003 Developer's Agreement"); and specific items covered by this agreement will supersede the 2003 Developer's Agreement and Ordinance No. 14-2015. However, if there is an issue that is not covered by this Development Agreement, the 2003 Developer's Agreement will take precedence.~~

Formatted: Strikethrough

Formatted: Not Highlight

WHEREAS, the Developer desires to facilitate the orderly development of the Subject Property in compliance with the laws and regulations of the City and of other governmental authorities, and the Developer desires to ensure that its development is compatible with other properties in the area and planned traffic patterns; and

WHEREAS, the development permitted or proposed under this Agreement is consistent with the City's Comprehensive Plan, concurrency management system, and all land development regulations and this Agreement does not replace, supersede, or grant variances to those regulations; and

WHEREAS, it is the purpose of this Agreement to clearly set forth the understanding and agreement of the parties concerning the development of the Subject Property only and not other ~~portions of the areas within the 2003 BPUD~~; and

Formatted: Strikethrough

WHEREAS, the Developer has sought the City's approval to develop the Subject Property, and the City approved Ordinance No. ~~02-2016~~, through modifying the Subject Property's BPUD zoning designation on ~~_____~~. The BPUD shall consist of this Agreement, ~~the 2003 Developer's Agreement and Exhibit "B"~~, Master Development Plan (**EXHIBIT "B"**) (MDP), ~~and all other exhibits~~ attached hereto, ~~and by this reference made a part hereof as the Preliminary Plan, subject to the covenants, restrictions, and easements offered by the Developer and contained herein, (hereinafter the "Master Development Plan"). Where more detailed criteria for City required submittals exceed the criteria required for a Master Development Plan, the more detailed criteria applies provided it does not directly conflict with the Master Developer Plan or this Agreement.~~

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

NOW THEREFORE, in consideration of the mutual covenants and agreements contained herein, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. **Recitals and Definitions.** The recitals herein contained are true and correct and are incorporated herein by reference. All capitalized terms not otherwise defined herein shall be as defined or described in the City's Land Development Code, as it may be amended from time to time, unless otherwise indicated.

2. **Contract Purchaser.** The Developer is the contract purchaser of the Subject Property.

3. **Duration.** The duration of this Agreement is binding ~~in the event that the Developer acquires fee title to the Subject Property~~ and thereafter runs with the land in perpetuity, unless amended or terminated pursuant to the terms of the Land Development Code ~~this Agreement.~~

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

4. **Development of the Subject Property.** Development of the Subject Property shall be subject to performance standards listed in this Agreement. Where a land use listed below differs from a defined use in the City of Deltona's Code of Ordinances, the use listed in this Agreement shall prevail.

Formatted: Strikethrough

A. ~~Development of the Subject Property for the RaceTrac Project~~ This BPUD is consistent with the Comprehensive Plan.

B. Permitted principal uses allowable on the Subject Property: Convenience Store with no more than 20 fueling positions ~~Gas Pumps (Type C Automobile Service Station)~~ and other uses as set forth in the ~~existing~~ 2003 BPUD.

Formatted: Strikethrough

Formatted: Strikethrough

C. Prohibited principal uses are as set forth in the ~~existing~~ 2003 BPUD.

Formatted: Strikethrough

~~D.~~ Proposed maximum intensity: 0.155 Floor Area Ratio ~~(measured in floor area ratio)~~ is as set forth on the Master Development Plan (as hereinafter defined).

Formatted: Strikethrough

E. Impervious surface ratio is not to exceed ~~75%~~ 65% ~~as calculated for the entire Deltona Welcome Center project covered under the 2003 BPUD. However, for the purpose of calculating impervious surface, no land located within the Welcome Center Dr. easement shall be included within the calculation. of the gross square footage for the Subject Property. As part of site plan review process, the applicant will be responsible for calculating the amount of impervious surface throughout the Deltona Welcome Center project to ensure that total ISR control is not exceeded.~~

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

~~F.~~ Maximum lot coverage: 40% ~~(in %)~~ ~~(dry retention systems can be used towards open space)~~ as depicted on the Master Development Plan (as hereinafter defined).

Formatted: Strikethrough

Formatted: Strikethrough

~~G.~~ ~~Minimum~~ Landscaping and bufferyard requirements shall comply with Section 110-808 of ~~are per~~ the City's Land Development Code, as it may be amended from time to time, ~~and the landscaping plan attached hereto as Exhibit "C" and incorporated herein by this reference satisfies all applicable standards. Stormwater management facilities shall not be placed within bufferyards. However, it is recognized that, as function of an easement referenced on the Deltona Welcome Center Final Plat (MB 48, PG 18), a sidewalk is allowed within the landscape buffer area. The City will recognize the easement as a function of an approved plat and therefore, the sidewalk will be allowed within the landscape buffer along Deltona Blvd. and DeBary Av.~~

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

~~H. The Subject Property satisfies the minimum lot size area (in acreage or square footage). Minimum lot size: 1.9 acres~~

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

~~I. The Subject Property satisfies the minimum lot width (in feet). Minimum lot width: As platted.~~

Formatted: Strikethrough

Formatted: Strikethrough

~~J. Minimum yard setbacks: Front yard – (Deltona Blvd., Debarry Av., Welcome Center Dr.) 35 feet; Side yard – 15 feet. are as set forth on the Master Development Plan (hereinafter defined).~~

Formatted: Strikethrough

K. Maximum building height (in feet): 35 feet.

~~L. Minimum parking standards are per Sections. 110-828 and 110-829 of the City’s Land Development Code as it may be amended from time to time.~~

~~L. Signs: Signs shall comply with Chapter 102 of the Land Development Code as it may be amended from time to time.~~

Formatted: Indent: First line: 0"

~~M. Architectural controls and development on the Subject Property shall follow a common architectural theme as listed in this Agreement by harmoniously coordinating the general appearance of all buildings and accessory structures. The City agrees that the architectural elevations attached hereto as Exhibit “DC” (Note: This section supersedes exhibit B of the 2003 Development Agreement.) and incorporated herein by this reference satisfy, all applicable standards, including the Enterprise Commercial Overlay District, provided that the following requirements are met: -~~

Formatted: Strikethrough

Formatted: Strikethrough

- ~~1. The canopy cannot be backlit;~~
- ~~2. The dumpster and outside storage is completely screened from public right-of-ways and the Welcome Center Dr. easement;~~
- ~~3. The pedestrian path from the fueling canopy is delineated with materials or textures and a matching building color that are different from the surrounding parking lot;~~
- ~~4. All mechanical equipment, including but not limited to, meters, utility boxes, wells, etc., freestanding or not, shall be completely screened;~~
- ~~5. A master lighting plan to include photometric details demonstrating that illumination will not exceed 1 foot candles along any property lines, will be required as part of the Site Plan review process. The master lighting plan shall depict the location, type and height of lighting and freestanding light pole design; and~~
- ~~M.6. Non-recessed lighting is acceptable provided lights are not neon or fiber optic.~~

Formatted

N. Utility provision and dedication: The Developer shall connect to the City of Deltona's central utility systems, ~~when available, or to Volusia County's central utility systems, where applicable, at their sole cost and expense.~~ Utility connection and tap fees shall be paid to Deltona Water ~~or Volusia County, respectively,~~ before any building permit is issued. Any utility systems serving more than the Subject Property are to be designed, permitted, and constructed to ~~the respective service provider~~ City specifications and dedicated to the respective service provider upon final inspection, clearance, and acceptance by the service provider.

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

O. Stormwater and environmental: The 2003 Developer's Agreement and related approvals established the stormwater systems or master stormwater system which shall remain in private ownership and shall not be dedicated to or become the responsibility of the City of Deltona. Developer shall document to the satisfaction of the City that the existing, joint shared, stormwater management system shall accommodate and treat stormwater from the proposed development. In addition, the applicant shall provide documentation that the existing system is in proper operating condition and any reported maintenance issues shall be addressed (repaired, replaced, etc.), to the satisfaction of the City prior to issuance of a Site Engineering permit. All environmental permitting, mitigation, and/or soil and erosion control for the Subject Property shall conform to all federal, state, and local permits/requirements, and shall be maintained in good condition/standing with the applicable permitting authorities. Best Management Practices and conformance to National Pollutant Discharge Elimination System (NPDES) criteria are required.

P. Transportation, site access, and traffic devices: Site access will be limited to two full movements. One access will connect to Welcome Center Drive and the other access will connect to Deltona Blvd. The Welcome Center Drive connection will be facilitated by an existing joint access easement (OR 4040, PG 104) that is part of the Welcome Center plat. The Deltona Blvd. access point shall be located as far from the Deltona Blvd./Debary Av. intersection and be located as part of a platted ingress/egress easement (MB 50, PG 37). However, the aforementioned ingress/egress easement (MB 50, PG 37) is not large enough to support the full access onto Deltona Blvd. To address this deficiency, the Deltona Blvd. access is planned to be situated within a proposed 35' ingress/egress easement. The 35' width of the easement is estimated on the MDP and may need to be larger as the design becomes more finalized. The subject 35' ingress/egress easement as depicted on the MDP must be appropriately executed and recorded before any site plan approvals are granted by the City. In addition, the ingress/egress easement shall be designed and so dedicated to allow unencumbered access for the future development of Lot 4 of the Welcome Center plat. The Developer is responsible for all transportation improvements ~~within the associated with the development of the~~ Subject Property, both on site and off site. On-site parking and internal circulation shall comply with Chapter 110-828 and 110-829. On-site circulation will be subject to other requirements identified during the site

Formatted: Indent: Left: 0.5"

Formatted: Strikethrough

plan review process including, but not limited to, American Association of State Highway and Transportation Officials (AAHSTO) heavy truck turning radii. A right turn/deceleration lane shall be afforded to accommodate the Deltona Blvd. full access point. The right turn/deceleration lane shall be of adequate design and promote appropriate vehicle storage as to comply with the requirements of Chapter 96 of the City Land Development Code. In addition, the Developer will be responsible for the construction of a center turn lane on Deltona Blvd. extending from the southern extent of the left turn lane at the Deltona Blvd. and Welcome Center Drive intersection to the northern extent of the left turn lane associated with the Deltona Blvd./Debary Av. intersection. To accommodate the center turn lane, the existing Deltona Blvd travel lanes are going to have to be redesigned and widened. Part of the redesign includes the expansion of pavement within the Deltona Blvd. right of way window. The travel lane expansion will involve, at minimum, the segment of Deltona Blvd. from Welcome Center Drive to Debary Av. There may be other improvements needed to accommodate the lane expansion such as transitions, relocations, etc. Any improvements and other work associated with the lane expansion shall be designed and constructed in a manner that will not conflict with an eventual four lane upgrade to the subject segment of Deltona Blvd. The following improvements need to be designed and constructed before the City issues a certificate of occupancy for the project. Finally, all costs associated with the aforementioned improvements, including maintenance of traffic, design, construction, and other activities shall be the sole responsibility of the Developer and shall not be reimbursable by the City or any other government entity through impact fee credits or other arrangements. ~~Off site transportation improvements which are the responsibility of the Developer are set forth in the traffic study dated _____, 2015 which was submitted to and accepted by the City. Additionally, the City and the Developer agree that a traffic signal at Welcome Center Drive and Deltona Boulevard is not warranted by existing conditions, including the RaceTrac Project. The Developer agrees to cooperate with the City, upon written request, in connection with future monitoring to determine whether a traffic signal may be required in the future at the Welcome Center Drive and Deltona Blvd. intersection. Any such monitoring must be requested by the City within two (2) years one year of the issuance of a certificate of occupancy for the RaceTrac Project. In addition, the cost of the signal warrant study shall be the responsibility of the Developer or any entity in the succession of title. However, the City shall be responsible for contracting with a qualified consultant to perform the signal warrant study. If a study concludes that a signal will be warranted at the Welcome Center Dr./Deltona Blvd. intersection, the cost of signal installation shall be determined through a fair share agreement between the City and the Developer. The City agrees that it has the exclusive permitting authority and jurisdiction to grant the site access depicted on the Master Development Plan, including without limitation the full access on Deltona Boulevard, to the Subject Property and hereby approves such access. The City agrees to work with Volusia County, as required, to appropriately document the City's exclusive permitting authority with respect to access to Deltona~~

Formatted: Strikethrough

~~Boulevard.~~

5. **Public Facilities/Land Dedication.** Any facilities or tracts that either are or shall become public facilities/tracts that will serve the development and/or are on the Subject Property shall be set forth on the re-plat for the Subject Property and approved by the City Commission.

6. **Development Permits/Fees.** The Developer is responsible for obtaining, permitting, and the payment of all fees for facilities and services for development of the Subject Property. Any site permits shall be kept current with the respective permitting agency. All impact fees are applicable and no impact fee credits shall be awarded through this Agreement, ~~unless a cessation exists through a City moratorium that is Citywide. Proportionate fair share site improvements shall not be used in lieu of, but shall be credited against, impact fees.~~

Formatted: Strikethrough

Formatted: Strikethrough

7. **Obligations.** Should the Developer fail to undertake and complete its obligations as described in this Agreement to the City's specifications as set forth in this Agreement, then the City shall give the Owner/Developer or Developer thirty (30) days written notice to commence and ninety (90) days to complete said required obligation, subject to force majeure; provided, however, in the event it reasonably takes longer than thirty (30) days to commence and/or ninety (90) days to complete, then the cure period shall extend as long as reasonably necessary provided Developer is diligently prosecuting such cure to completion. Notice to the Owner/Developer or Developer and its successors in interest shall be deemed to have been given upon the mailing of notice to the address or addresses set forth in Section 16 hereof.

8. **Site Plan/Plat Approval.** Exhibit "B", the Master Development Plan, is the Preliminary Plan of the Subject Property's portion of the BPUD and this Agreement. The Master Development Plan shall not replace, supersede, or absolve the Developer from approvals for any site plan, preliminary plat, and/or final plat and their respective regulations. Where more detailed criteria for City required submittals exceed the criteria required for a Master Development Plan, the more detailed criteria applies.

9. **Indemnification.** The Developer shall indemnify and hold the City harmless from any and against all claims, demands, disputes, damages, costs, expenses, (to include attorneys' fees whether or not litigation is necessary and if necessary, both at trial and on appeal), incurred by the City as a result, directly or indirectly, of the approvals and agreements contained in this Agreement, except those claims or liabilities caused by or arising from the negligence, default or intentional acts of the City, or its employees or agents. It is specifically understood that the City is not guaranteeing the appropriateness, efficiency, quality or legality of the use or development of the Subject Property, including but not limited to, drainage or water/sewer plans, fire safety, or quality of construction, whether or not inspected, approved, or permitted by the City.

10. **Compliance.** The Developer agrees that it, and their successors and assigns, will abide by the provisions of this Agreement, the City's Comprehensive Plan and the City's Code of

Ordinances, including but not limited to, the site plan regulations of the City as amended from time to time, which are incorporated herein by reference and such subsequent amendments hereto as may be applicable. Further, all required improvements, including landscaping, shall be continuously maintained by the Owner/Developer or Developer, or their successors and assigns, in accordance with the City's Code of Ordinances. The City may, without prejudice to any other legal or equitable right or remedy it may have, withhold permits, Certificates of Occupancy or plan/plat approvals to the Subject Property, should the Developer fail to comply with the terms of this Agreement. In the event of a conflict between this Agreement and the City's Land Development Code or the 2003 Developer's Agreement, this Agreement shall control.

11. **Obligations for Improvements.** Developer agrees that ~~Any~~ surface improvement as described and required hereunder included, but not limited to such as signalization, walls, stormwater management facilities, medians, and utilities, or any other surface improvement shall be performed, prior to the issuance of the first Certificate of Occupancy on that portion of the Subject Property that the surface improvement(s) relates or is otherwise scheduled in this Agreement.

Formatted: Strikethrough

12. **Concurrency and Vested Rights.** Developer acknowledges and agrees that prior to the issuance of any development orders for the Property, the Owner/Developer or Developer must have received and be in the possession of a valid unexpired certificate of capacity/concurrency management system approval consistent with the City's Land Development Code. The capacity certificate/approval verifies the availability of infrastructure and service capacity sufficient to permit the proposed development of the Subject Property without causing a reduction in the levels of service adopted in the City's Comprehensive Plan. The certificate of capacity/approval shall be effective for a term, as defined in the City's Code of Ordinances. Neither this Agreement nor the approved Master Development Plan shall create or result in a vested right or rights to develop the Subject Property, as cited in Section 86-34 of the City's Land Development Code. ~~Notwithstanding the foregoing to the contrary, the City agrees that the RaceTrac Project fully and completely satisfies all applicable transportation concurrency requirements based on the provisions of Section 4(Q) of this Agreement, and that no such capacity certificate/approval contemplated above is necessary.~~

Formatted: Strikethrough

13. **Environmental and Tree Preservation.** ~~The Owner/Developer or~~ Developer is responsible to obtain all site related permits and approval prior to any development activity on or for the Subject Property. This may involve mitigation for habitat of threatened or endangered flora and fauna or for species identified for proportion (i.e. tree preservation). This Agreement does not vest or exempt the Developer from any permitting and mitigation obligations needed to develop a Subject Property.

Formatted: Strikethrough

14. **Enforcement.** Both parties may seek specific performance of this Agreement and/or bring an action for damages in a court within Volusia County, Florida, if this Agreement is breached by either party. In the event that either party to this Agreement files an action to enforce its rights hereunder, the prevailing party in such action shall be entitled to recover its

ecosts and expenses from the other party, including attorney fees, whether or not litigation is necessary and, if necessary, both at trial and on appeal.

15. **Utility Easements.** For any easement not established on a plat for the Subject Property, the Developer shall provide to the City such easements and other legal documentation, in form mutually acceptable to the City Attorney and the Developer, as the City may deem reasonably necessary or appropriate for the installation and maintenance of the utility and other services, including but not limited to, sanitary sewer, potable water, and reclaimed water services, electric, cable, gas, fire protection and telecommunications.

16. **Notices.** Where notice is herein required to be given, it shall be by certified mail return receipt requested, hand delivery or nationally recognized reliable courier service, ~~such as Federal Express or UPS~~. E-mail delivery of documents shall not replace or be in lieu of the aforementioned process. Said notice shall be sent to the following, as applicable:

Formatted: Strikethrough

Formatted: Strikethrough

DEVELOPER'S REPRESENTATIVES:

Developer: RaceTrac Petroleum, Inc.
Attention: Corporate Counsel – Real Estate
3225 Cumberland Boulevard
Atlanta, Georgia 30339
Telephone: (770) 431-7600

Copy to: RaceTrac Petroleum, Inc.
Attention: Brian Thornton, VP
of Real Estate and Engineering
3225 Cumberland Boulevard
Atlanta, Georgia 30339
Telephone: (770) 431-7600

CITY'S REPRESENTATIVES:

City Manager
City of Deltona
2345 Providence Boulevard
Deltona, Florida 32725

With copy to:

Director
Planning & Development Services
City of Deltona
2345 Providence Boulevard
Deltona, Florida 32725

Should any party identified above change, it shall be said party's obligation to notify the remaining parties of the change in a fashion as is required for notices herein. It shall be the Owner/Developer's or Developer obligation to identify its lender(s) to all parties in a fashion as is required for notices herein.

17. **Compliance with the Law.** The failure of this Agreement to address a particular permit, condition, term, or restriction shall not relieve the Developer of the Subject Property from the necessity of complying with the law governing said permitting requirements, conditions, terms, or restrictions.

18. **Captions.** The captions used herein are for convenience only and shall not be relied upon in construing this Agreement.

19. **Binding Effect.** This Agreement shall run with the land ~~in the event the Developer acquires fee title to the Subject Property~~, and in such event shall be binding upon and inure to the benefit of the Developer and their successors and assigns in interest, and shall also be binding upon the City and its successor and assigns in interest. This Agreement shall become effective upon its execution with the Public Records of Volusia County, Florida. This Agreement does not, and is not intended to, prevent or impede the City from exercising its legislative authority as the same may affect the Subject Property.

Formatted: Strikethrough

Formatted: Strikethrough

20. **Subsequently Enacted State or Federal Law.** If either state or federal law is enacted after the effective date of this Agreement that is applicable to and precludes the parties' compliance with the terms of this Agreement, this Agreement and correlating zoning amendment shall be modified or revoked, as is necessary, to comply with the relevant state or federal law.

21. **Severability.** If any part of this Agreement is found invalid or unenforceable in any court, such invalidity or unenforceability shall not affect the other parts of this Agreement, if the rights and obligations of the parties contained herein are not materially prejudiced and if the intentions of the parties can be affected. To that end, this Agreement is declared severable.

22. **Covenant Running with the Land.** In the event the Developer acquires fee title to the Subject Property, this Agreement shall run with the Subject Property and inure to and be for the benefit of the parties hereto and their respective successors and assigns and any person, firm, corporation, or entity who may become the successor in interest to the Subject Property or any portion thereof.

23. **Recordation of Agreement.** The parties hereto agree that an executed original of this Agreement shall be recorded by the City, at the Developer's expense, in the Public Records of Volusia County, Florida.

24. **Applicable Law/Venue.** This Agreement and the provisions contained herein shall be construed, controlled, and interpreted according to the laws of the State of Florida. Venue of any litigation relating to this Agreement shall be in the courts of Volusia County, Florida.

25. **Time of the Essence.** Time is hereby declared of the essence to the lawful performance of the duties and obligations contained in this Agreement. The Developer shall execute this Agreement within ten (10) business days of City Commission adoption of Ordinance No. 02-2016; and agrees to pay the cost of recording this document in the Public Records of Volusia County, Florida. Failure to execute this Agreement within ten (10) business days of this ordinance adoption may result in the City not issuing development orders or permits until execution and recordation of this Agreement has occurred.

26. **Agreement; Amendment.** This Agreement constitutes the entire agreement between the parties, and supersedes all previous discussions, understandings and agreements, with respect to the subject matter hereof; provided, however, that it is agreed that this Agreement is supplemental to the City's Comprehensive Plan and does not in any way rescind or modify any provisions of the City's Comprehensive Plan. Amendments to and waivers of the provisions of this Agreement shall be made by the parties only in writing by formal amendment. Notwithstanding the foregoing, in the event the Developer does not acquire the Subject Property within six (6) months of the Effective Date-, this Agreement shall automatically terminate and be of no further force or effect. Notwithstanding the foregoing, in the event the RaceTrac Project does not receive all necessary approvals from the City, Developer may terminate this Agreement which shall thereafter be of no further force or effect.

27. **Effective Date.** The Effective Date of this Agreement shall be the day this Agreement is recorded in the Public Records of Volusia County, Florida.

[SIGNATURES APPEAR ON FOLLOWING PAGES]

IN WITNESS WHEREOF, the Developer and the City have executed this Agreement.

DEVELOPER

**RACETRAC PETROLEUM, INC., a
Georgia corporation**

By:

Signature of Witness # 1

Signature

Print or type name

Print or type name

As:

Signature of Witness #2

Print or type

Print or type name

ATTEST:

Signature

Print or Type Name

As:

Mailing Address: _____

**STATE OF GEORGIA
COUNTY OF COBB**

The foregoing instrument was acknowledged before me this _____ day of _____, 2016, by _____, and _____, of _____, who is/are personally known to me or who has/have produced _____ as identification and who did not (did) take an oath.

Signature of Notary

(NOTARY SEAL)

Print or type name

CITY OF DELTONA:

By:

Date:

ATTEST:

Date:

Mailing Address:

City of Deltona

2345 Providence Boulevard

Deltona, Florida 32725

STATE OF FLORIDA

COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ day of _____, 2016, by _____, and _____, who are personally known to me and acknowledge executing the same freely and voluntarily under authority vested in them by the City of Deltona.

Signature of Notary

(NOTARY SEAL)

Print or type name

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

Gretchen R. H. Vose
City Attorney

Exhibit "A"
Subject Property

LOT 2, DELTONA WELCOME CENTER, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 45, PAGE 17 OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA.

and

LOT 3, DELTONA WELCOME CENTER REPLAT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 50, PAGE 37 OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA.

**Exhibit “B”
Master Development Plan**

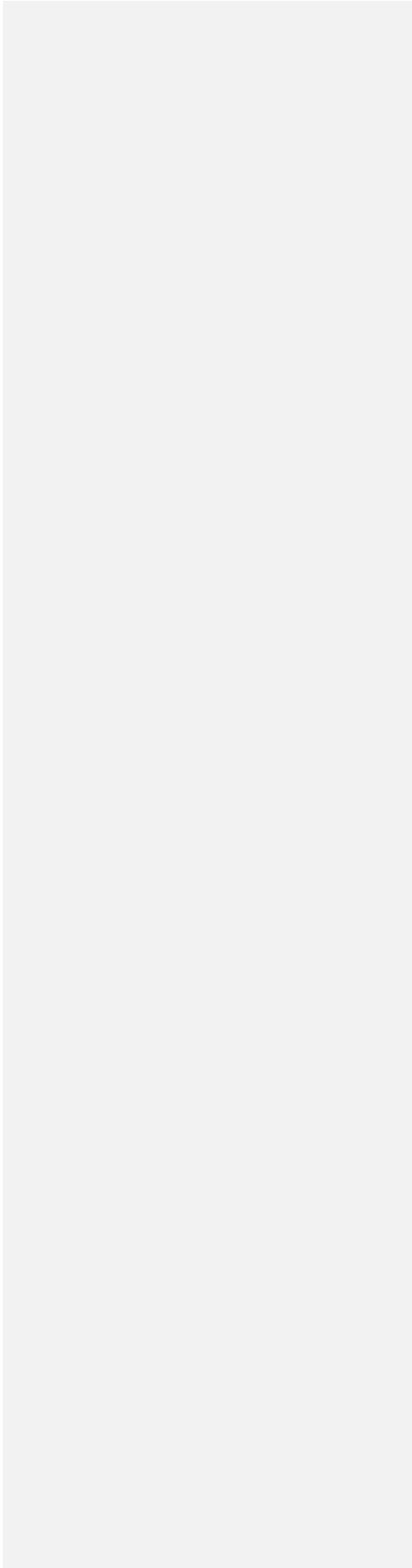


Exhibit "C"
Landscaping Plan

Formatted: Strikethrough

Exhibit "~~CD~~"

RaceTrac Project Renderings

Formatted: Strikethrough

LEGAL DESCRIPTION

LOT 2, DELTONA WELCOME CENTER, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 45, PAGE 17 OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA.

and

LOT 3, DELTONA WELCOME CENTER REPLAT, ACCORING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 50, PAGE 37 OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA.

MASTER DEVELOPMENT PLAN

PROJECT ADDRESS:
DEBARY AVENUE
DELTONA, FL 32725

TAX PARCEL: 01-19-30-08-00-0020
01-19-30-08-00-0030

TOWNSHIP 19 SOUTH, RANGE 30 EAST, SECTION 01

LEGEND

DRAINAGE SYMBOLS

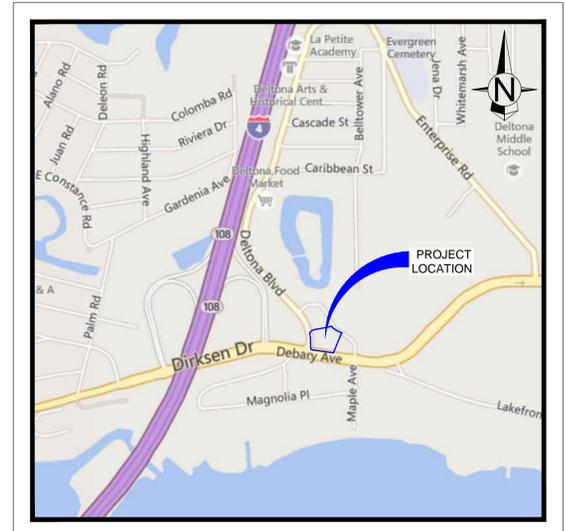
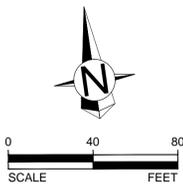
- STORM SEWER
- DRAINAGE INLET
- DRAINAGE MANHOLE

UTILITY SYMBOLS

- DOMESTIC WATER SERVICE
- CHECK VALVE
- SANITARY SEWER PIPE
- SANITARY SEWER MANHOLE
- SANITARY CLEANSOUT
- UNDERGROUND ELECTRIC
- TRANSFORMER PAD

SITE SURVEY SYMBOLS

- PROPERTY BOUNDARY
- RIGHT-OF-WAY LINE
- EXISTING EASEMENT LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING SPOT ELEVATION
- SANITARY SEWER MAIN
- POTABLE WATER MAIN
- UNDERGROUND ELECTRIC
- UNDERGROUND TELECOM
- OVERHEAD UTILITY LINE
- BORING LOCATION
- BENCHMARK
- WATERVALVE COVER
- SANITARY MANHOLE
- CONCRETE POWER POLE
- POWER POLE
- GUY ANCHOR
- LIGHT POLE
- TRAFFIC SIGN
- TELEPHONE BOX
- ELECTRIC BOX
- CONCRETE LIGHT POLE
- TRAFFIC CONTROL BOX
- RIGHT TURN ARROW
- LEFT TURN ONLY
- WATER VALVE
- TREE



VICINITY MAP
SCALE: 1" = 1,000'

LEGAL DESCRIPTION
LOT 2, DELTONA WELCOME CENTER, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 45, PAGE 17 OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA.
and
LOT 3, DELTONA WELCOME CENTER REPLAT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 50, PAGE 37 OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA.

SITE DATA

SITE AREA:	1.984 ACRES
EXISTING USE:	VACANT
EXISTING ZONING:	BUSINESS PLANNED UNIT DEVELOPMENT (BPUD)
EXISTING FUTURE LAND USE:	COMMERCIAL
PROPOSED USE:	GAS STATION AND CONVENIENCE STORE
PROPOSED BUILDING AREA:	5,928 SF
MAXIMUM ALLOWABLE FLOOR AREA RATIO (FAR):	0.140
PROPOSED FLOOR AREA RATIO (FAR):	0.069
MAXIMUM ALLOWABLE IMPERVIOUS AREA:	75%
MAXIMUM BUILDING HEIGHT:	35 FT

AUTOMOBILE PARKING REQUIRED

MINIMUM: 5 SPACE PER 1,000 SF GFA = 30 X 5.0 = 30 SPACES AND 1 PUMP POSITION PER FUEL PUMP

AUTOMOBILE PARKING PROVIDED

30 REGULAR PARKING SPACES
2 HANDICAP PARKING SPACES
32 TOTAL PARKING SPACES
AND 20 FUELING POSITIONS

BICYCLE PARKING REQUIRED

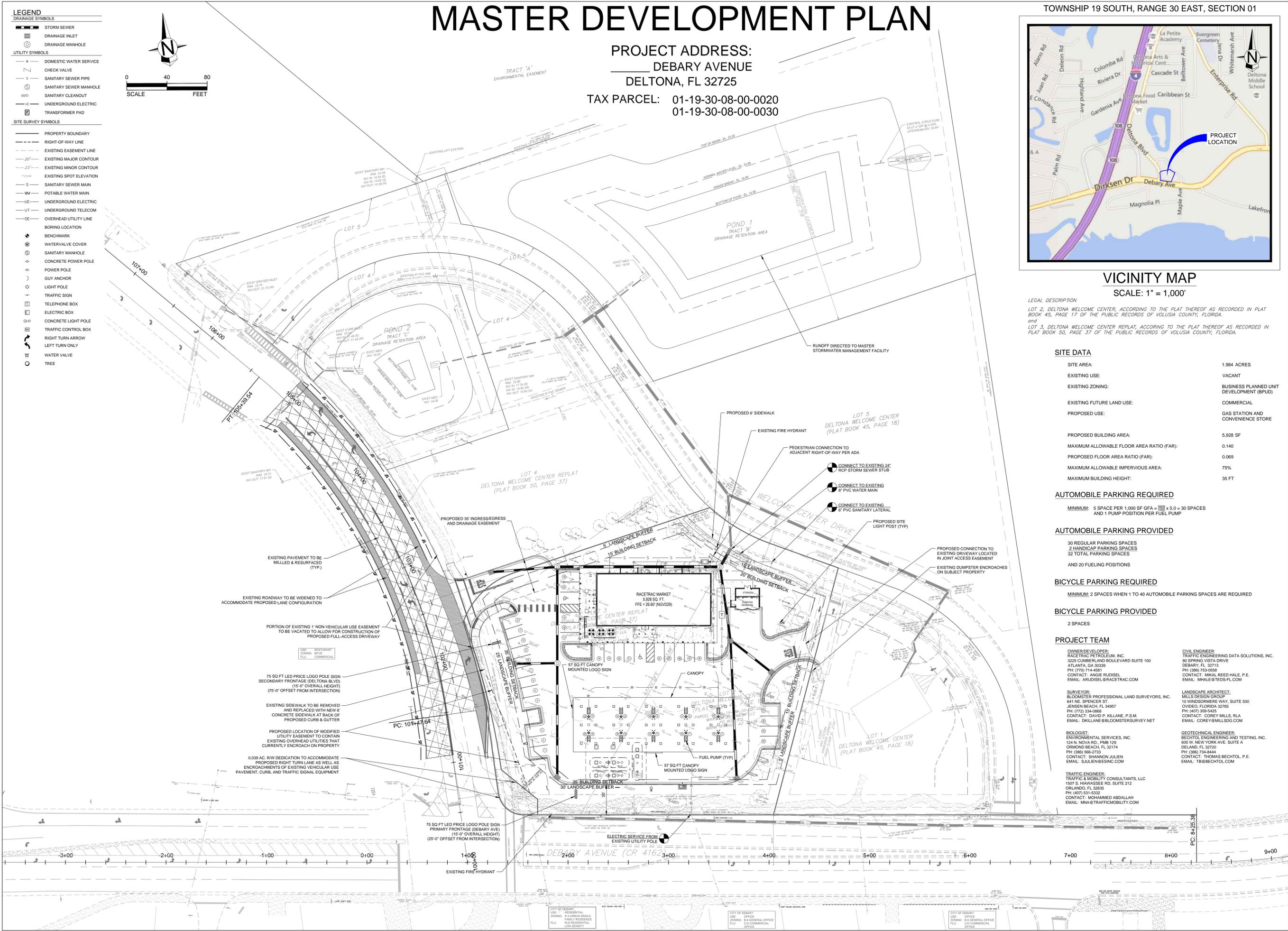
MINIMUM: 2 SPACES WHEN 1 TO 40 AUTOMOBILE PARKING SPACES ARE REQUIRED

BICYCLE PARKING PROVIDED

2 SPACES

PROJECT TEAM

OWNER/DEVELOPER RACETRAC PETROLEUM, INC. 3225 CUMBERLAND BOULEVARD SUITE 100 ATLANTA, GA 30339 PH: (770) 714-4581 CONTACT: ANGIE RUDISEL EMAIL: ARUDISEL@RACETRAC.COM	CIVIL ENGINEER TRAFFIC ENGINEERING DATA SOLUTIONS, INC. 80 SPRING VISTA DRIVE DEBARY, FL 32713 PH: (386) 753-0558 CONTACT: MIKAL REED HALE, P.E. EMAIL: MHALE@TEDS-FL.COM
SURVEYOR BLOOMSTER PROFESSIONAL LAND SURVEYORS, INC. 641 NE SPENCER ST. JENSEN BEACH, FL 34957 PH: (772) 334-0869 CONTACT: DAVID P. KILLANE, P.S.M. EMAIL: DKILLANE@BLOOMSTERSURVEY.NET	LANDSCAPE ARCHITECT MILLS DESIGN GROUP 10 WINDSORME WAY, SUITE 500 OWENSBORO, FLORIDA 32765 PH: (407) 589-5425 CONTACT: COREY MILLS, R.L.A. EMAIL: COREY@MILLSDG.COM
BIOLOGIST ENVIRONMENTAL SERVICES, INC. 124 N. NOVA RD., PMB 129 ORLANDO BEACH, FL 32714 PH: (408) 566-2733 CONTACT: SHANNON JULIEN EMAIL: SJULIEN@ESINC.COM	GEOTECHNICAL ENGINEER BECHTOL ENGINEERING AND TESTING, INC. 605 W. NEW YORK AVE. SUITE A DELAND, FL 32720 PH: (386) 724-8444 CONTACT: THOMAS BECHTOL, P.E. EMAIL: TB@BECHTOL.COM
TRAFFIC ENGINEER TRAFFIC & MOBILITY CONSULTANTS, LLC 1507 S. HAWAIIAN RD., SUITE 212 ORLANDO, FL 32835 PH: (407) 531-5332 CONTACT: MOHAMMED ABDALLAH EMAIL: MNA@TRAFFICMOBILITY.COM	



NO.	REVISIONS	BY	DATE

TEDS
TRAFFIC ENGINEERING DATA SOLUTIONS, INC.
Phone: 386.753.0558 80 Spring Vista Drive
DeBary, FL 32713
Fax: 386.753.0778
CERTIFICATE OF AUTHORIZATION NO. 27592

811
Know what's below.
Call before you dig.

THESE PLANS ARE SUBJECT TO FEDERAL COPYRIGHT LAWS. ANY USE OF SAME WITHOUT THE EXPRESSED WRITTEN PERMISSION OF RACETRAC PETROLEUM, INC. IS PROHIBITED.

Racetrac
RACETRAC PETROLEUM, INC.
3225 CUMBERLAND BOULEVARD
SUITE 100 ATLANTA, GA 30339
(770) 431-7600

MASTER DEVELOPMENT PLAN		RACETRAC MARKET	
SITE	RACETRAC #836	DATE	12/14/2015
SCALE	AS NOTED	JOB NO.	10730
DRAWN	TAS		

MDP 1
SHEET NO. REV.

Drawing name: Z:\2014 Projects\1202 (Racetrac) Deltona\Deltona\MDP\MDP.dwg Date: 12-14-2015 12:45pm By: Andy

LANDSCAPE NOTES SCHEDULE

SYMBOL	DESCRIPTION
L-101	Landscape contractor is responsible for all materials and all work as called for on the Landscape Plans. The Plant List quantities provided are to be used strictly as a guide. It is the Landscape Contractors duty to field verify all quantities and notify any modifications to Mills Design Group (MDG) at the time of bidding.
L-102	Contractor shall familiarize himself/herself with existing site conditions prior to imitating planting. All existing site furnishings, paving, landscape, and other elements to remain shall be protected from any damage unless otherwise noted.
L-103	Contractor shall notify all necessary utility companies 48 hours minimum prior to digging for verification of all underground utilities, irrigation and all other obstructions and coordinate with Owner's Representative prior to initiating operations. Drawings are prepared according to the best information available at the time of preparing these documents.
L-104	The Contractor shall be responsible for removing existing groundcover for all planting beds as specified prior to planting installation.
L-105	All plants must meet Florida No. 1 Grade or better as outlined under Grades and Standards for Nursery Plants, Division of Plant Industry, State of Florida.
L-106	The Landscape Contractor shall review architectural engineering plans and become thoroughly familiar with surface and subsurface utilities. The Landscape Contractor shall coordinate with other trades to prevent conflicts, and shall coordinate the planting with the irrigation work to assure availability and proper location of irrigation items.
L-107	The Landscape Contractor shall be wholly responsible for stability and plumb condition of all trees and shrubs and be legally liable for any damage caused by instability of any plants. The Landscape Contractor shall determine trees to be staked or guyed. If necessary, guying and staking shall be done by a method approved by MDG prior to installation. It shall be the responsibility of the Landscape Contractor to remove guys and stakes after new root growth is firmly established. Landscape Contractor must remove Burlap from all trees prior to installation.
L-108	The Landscape Contractor shall insure that any of his work will not interrupt any existing or projected on-site drainage patterns. It is Necessary for the Landscape Contractor to Provide Proper drainage in all plant beds, planters and sod areas.
L-109	Landscape Contractor shall field adjust location of plant material as necessary to avoid damage to all existing underground utilities and/or existing above ground elements. All changes required shall be completed at the Contractor's expense and shall be coordinated with the Owner's Representative and the Landscape Architects.
L-110	Any substitutions in size and/or plant material must be approved by the Landscape Architect. All plants will be subject to approval by the Landscape Architect and/or Owner's representative before planting can begin.
L-111	Contractor shall refer to the landscape planting details, plant list and general notes for further and complete landscape planting instructions.
L-112	Landscape Contractor shall coordinate all planting work with Irrigation work. Landscape Contractor shall be responsible for all hand watering as required by Owner's Representative to supplement irrigation water and rainfall. Landscape contractor shall be responsible for hand water in all planting area, regardless of the status of existing or proposed irrigation.
L-113	Grass: All grass shall be recognized Empire Zoysia Grass. Grass must be weed free at time of install. The Landscape Contractor is responsible for measuring and determining the exact amount required.
L-114	Mulch: All plants shall be dressed with 2"-3" of Earthwise Virgin hardwood Mulch. Color must be DARK BROWN with no added dyes. No Mulch shall be placed within 4" of tree trunk.
L-115	The irrigation is designed as a permanent system and to provide 100% coverage.
L-116	The container size for the specified plant material must meet or exceed the plant material size specified in the plant schedule. The Landscape Architect and/or Owners representative may reject subpar plant material.

LANDSCAPE CODE REQUIREMENTS

SYMBOL	General Notes DESCRIPTION	QTY	Location	Length	Required Plants
LC-102	At least 25% of the Site Total required landscape area shall be covered by shrubs, groundcovers, or vines.				
LC-103	Palm Trees may satisfy no more than 25% of required Tree Count. Total Required Trees = 35 Max Palms Count Towards Canopy = 16 for 8 Canopy Trees				
SYMBOL	General Notes DESCRIPTION	QTY	Location	Length	Required Plants
◆	Preserved Specimen Trees	5			
SYMBOL	Tree Requirements DESCRIPTION	QTY	Location	Length	Required Plants
■	25' Landscape Buffer - Canopy Trees 2 Per 40 Feet	8	Daytona BLVD	191	8
■	25' Landscape Buffer - Understory Trees 2 Per 80 Feet	8	Daytona BLVD	191	8
●	30' Landscape Buffer - Canopy Trees 2 Per 40 Feet	16	Debary Ave	267	16
●	30' Landscape Buffer - Understory Trees 2 Per 80 Feet	16	Debary Ave	267	16
●	5' Landscape Buffer - Canopy Trees 1 Per 40 Feet	3	PL East	162	3
●	5' Landscape Buffer - Understory Trees 1 Per 80 Feet	3	PL East	162	3
■	5' Landscape Buffer - Canopy Trees 1 Per 40 Feet	3	PL North East	142	3
■	5' Landscape Buffer - Understory Trees 1 Per 80 Feet	3	PL North East	141	3
▲	5' Landscape Buffer - Canopy Trees 1 Per 40 Feet	3	PL North West	155	3
▲	5' Landscape Buffer - Understory Trees 1 Per 80 Feet	3	PL North West	155	3
SYMBOL	Building Requirements DESCRIPTION	QTY	Location	Length	Required Plants
◆	Building and Parking Trees	7			

Trees & Palms Planting Schedule

CANOPY TREES	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	CAL	CT	WATER	NATIVE	REMARKS
AR	11	Florida Flame Red Maple	Acer rubrum 'Florida Flame'	65 Gal	13' - 15' Ht X 5' - 7' Sprd	3.5"	5'	Low	Yes	Well Developed Specimen
MB	3	Bracken's Southern Magnolia	Magnolia grandiflora 'Brackens Brown Beauty'	65 Gal	11' Ht x 5' Sprd	3.5"		Low	Yes	Full, Well Developed Pyramidal Form Specimen Form
TD	12	Bald Cypress	Taxodium distichum	65 Gal	13' - 15' Ht X 5' - 7' Sprd	3.5"	4'	Low	Yes	
PALM TREES	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	CAL	CT	WATER	NATIVE	REMARKS
SP	6	Cabbage Palmetto	Sabal palmetto	10' CT			See Cont	Low	Yes	Bare Root, Full Well Developed Head, single straight heavy trunk w/out boots
	7	Cabbage Palmetto	Sabal palmetto	12' CT			See Cont	Low	Yes	Bare Root, Full Well Developed Head, single straight heavy trunk w/out boots
	7	Cabbage Palmetto	Sabal palmetto	8' CT			See Cont	Low	Yes	Bare Root, Full Well Developed Head, single straight heavy trunk w/out boots
UNDERSTORY TREES	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	CAL	CT	WATER	NATIVE	REMARKS
IC	11	Dahoon Holly	Ilex cassine	30 Gal	12' x 5' - 6' Sprd	2.5"		Low	Yes	Cont. 12' x 6' sprd.; 2 1/2" cal.; single straight trunk; full head
LIP	14	Purple Crape Myrtle	Lagerstroemia fauriei 'Muskogee'	65 Gal	8' - 10' Ht X 5' Sprd			Low	Yes	Multi Trunk Tree Form, 3 - 5 Trunks

Shrub, Shrub Areas, Groundcover, & Turf Planting Schedule

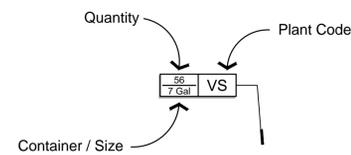
SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	WATER	NATIVE	SPACING	REMARKS
PM	267	Podocarpus	Podocarpus macrophyllus	10 Gal	2.5' Ht x 2' Sprd	Medium	No	24" o.c.	very full specimens
	14	Podocarpus	Podocarpus macrophyllus	15 Gal	4' Ht X 2' Min Sprd	Medium	No	24" o.c.	very full specimens
SHRUB AREAS	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	WATER	NATIVE	SPACING	REMARKS
IVS	249	Schillings Holly	Ilex vomitoria 'Schillings'	3 Gal	12" x 15" OA	Low	Yes	30" o.c.	Full & Bushy Specimen
LCR	23	Plum Loropetalum	Loropetalum chinense rubrum 'Plum Delight' TM	3 Gal	15" x 18" OA	Low	Yes	30" o.c.	Full & Bushy
MG	156	Pink Muhly Grass	Muhlenbergia capillaris	3 Gal	24" Ht	Low	Yes	36" o.c.	Full & Bushy Plants
RR	63	Knockout Rose	Rosa x 'Knockout' TM	3 Gal	18" OA	Medium	No	30" o.c.	Full and bushy
ZP	280	Coontie	Zamia pumila	3 Gal	18" OA	Low	Yes	30" o.c.	Full Plants
GROUND COVERS	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	WATER	NATIVE	SPACING	REMARKS
TA	371	Dwarf Asiatic Jasmine	Trachelospermum asiaticum 'Asia Minor'	6" Pot	12" - 18" Runners	Low	No	12" o.c.	5 Runners Min per pot
SOD/SEED	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	WATER	NATIVE	SPACING	REMARKS
PNS	16,499 sf	Bahia Grass	Paspalum notatum 'Argentine'	N/A	N/A	Low	No		Solid Sod from Pallets, Weed & Pest Free

Perimeter and Foundation Landscaping

	Daytona BLVD		Debary Ave		East		PL North East		PL North West	
Buffer Length in Linear Feet	191		267		162		142		155	
Buffer Type	25'		30'		5'		5'		5'	
Perimeter Plants	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
Canopy Trees	8	8	16	16	3	3	3	3	3	3
Understory Trees	8	8	16	16	3	3	3	3	3	3
Shrubs	76.4	220	133.5	247	32.4	259	28.4	89	31	35
Foundation Plants	Required		Provided							
UnderStory	4		4*							
Shrubs @ 65% of 114'	74		108							
* Canopy Trees Provided										

Plants	Totals
Canopy Trees	24
Understory Trees	24
Palms	24
Shrubs	937
Groundcover	614
Preserved Specimen	5

Plant Label



Landscape Sheet Index

Sheet #	Sheet Title
Landscape Sheets	
L2.01	Planting Notes & Schedule
L2.11	Planting Plan
L2.21	Planting Details -
Irrigation Sheets	
L3.01	Irrigation Notes
L3.11	Irrigation Plan
L3.21	Irrigation Details

AE 2015.8.10
AE 2015.8.10

Update Tables
Update Tables

NO.
REVISIONS
BY
DATE

COREY J. MILLS
 RLA# 6666931
 DATE _____

THESE PLANS ARE SUBJECT TO FEDERAL COPYRIGHT LAWS. ANY USE OF SAME WITHOUT THE EXPRESS WRITTEN PERMISSION OF RACETRAC PETROLEUM, INC. IS PROHIBITED.

RACETRAC PETROLEUM, INC.
3225 CUMBERLAND BOULEVARD, SUITE 100
ATLANTA, GA 30339
(770) 431-7600

Planting Notes & Schedule
 RACETRAC #863 - Debary
 DeBary Ave. & Deltona Blvd.
 Deltona, FL

DATE 2015.5.7
 SCALE N/A
 DRAWN-BY AE
 PROJECT NUMBER: 2015.035
L2.01 1
 SHEET NO. VERSION



NOTES

- SYMBOL DESCRIPTION**
- N-101** For plant and rock quantities, specs, general notes, landscape notes, and code requirements please see Planting Schedule and Notes. (PLANT BOOK)
 - N-102** The planting plan is incomplete without the planting notes, plant schedule, & Tree Removal Plan. Do not separate the planting set, these plans are to be reviewed in their entirety.
 - N-103** For irrigation call outs, abbreviations, and notes please see Irrigation Notes & Details.
 - N-104** The irrigation plan is incomplete with out the Irrigation Notes, Schedule, & Details. Do not separate Irrigation Plan from the Irrigation Notes & Details. This plan is to be reviewed in its entirety.
 - N-105** For planting information see planting plans.

Existing Trees To Remain

EXISTING	QTY	COMMON NAME	BOTANICAL NAME	CONT	REMARKS
QNX	1	Water Oak	Quercus nigra	18.5"	Specimen
	1	Water Oak	Quercus nigra	27"	Specimen
	1	Water Oak	Quercus nigra	8.3"	Specimen
OX	1	Southern Live Oak	Quercus virginiana	21"	Specimen
	1	Southern Live Oak	Quercus virginiana	24"	Specimen
	1	Southern Live Oak	Quercus virginiana	6.1"	
	1	Southern Live Oak	Quercus virginiana	6.2"	
	1	Southern Live Oak	Quercus virginiana	8.2"	
	1	Southern Live Oak	Quercus virginiana	8.3"	
	1	Southern Live Oak	Quercus virginiana	8.6"	
SPX	1	Slash Pine	Pinus elliotti	10.8"	
	1	Slash Pine	Pinus elliotti	12.5"	
	1	Slash Pine	Pinus elliotti	13.8"	
	1	Slash Pine	Pinus elliotti	14.8"	
	1	Slash Pine	Pinus elliotti	15.1"	
	1	Slash Pine	Pinus elliotti	25.5"	
	1	Slash Pine	Pinus elliotti	6.3"	
	1	Slash Pine	Pinus elliotti	9.6"	

Plant Legend

CANOPY TREES	COMMON NAME	CONT
AR	Florida Flame Red Maple	65 Gal
MB	Bracken's Southern Magnolia	65 Gal
TD	Bald Cypress	65 Gal

PALM TREES	COMMON NAME	CONT
SP	Cabbage Palmetto	10 CT
	Cabbage Palmetto	12 CT
	Cabbage Palmetto	8 CT

UNDERSTORY TREES	COMMON NAME	CONT
IC	Dahoon Holly	30 Gal
LIP	Purple Crape Myrtle	65 Gal

SHRUBS	COMMON NAME	CONT
PM	Podocarpus	10 Gal
	Podocarpus	15 Gal

SHRUB AREAS	COMMON NAME	CONT
IVS	Schillings Holly	3 Gal
LCR	Plum Loropetalum	3 Gal
MG	Pink Muhly Grass	3 Gal
RR	Knockout Rose	3 Gal
ZP	Coontie	3 Gal

GROUND COVERS	COMMON NAME	CONT
TA	Dwarf Asiatic Jasmine	6" Pot

SOD/SEED	COMMON NAME	CONT
PNS	Bahia Grass	N/A

Landscape Code Legend

SYMBOL	General Notes DESCRIPTION	Location
LC-102	At least 25% of the Site Total required landscape area shall be covered by shrubs, groundcovers, or vines.	
LC-103	Palm Trees may satisfy no more than 25% of required Tree Count. Total Required Trees = 35 Max Palms Count Towards Canopy = 16 for 8 Canopy Trees	
SYMBOL	General Notes DESCRIPTION	Location
◆	Preserved Specimen Trees	
SYMBOL	Tree Requirements DESCRIPTION	Location
■	25' Landscape Buffer - Canopy Trees 2 Per 40 Feet	Daytona BLVD
■	25' Landscape Buffer - Understory Trees 2 Per 80 Feet	Daytona BLVD
●	30' Landscape Buffer - Canopy Trees 2 Per 40 Feet	DeBary Ave
●	30' Landscape Buffer - Understory Trees 2 Per 80 Feet	DeBary Ave
●	5' Landscape Buffer - Canopy Trees 1 Per 40 Feet	PL East
●	5' Landscape Buffer - Understory Trees 1 Per 80 Feet	PL East
■	5' Landscape Buffer - Canopy Trees 1 Per 40 Feet	PL North East
■	5' Landscape Buffer - Understory Trees 1 Per 80 Feet	PL North East
▲	5' Landscape Buffer - Canopy Trees 1 Per 40 Feet	PL North West
▲	5' Landscape Buffer - Understory Trees 1 Per 80 Feet	PL North West
SYMBOL	Building Requirements DESCRIPTION	Location
◆	Building and Parking Trees	

AE 2015.8.10
AE 2015.8.10

Update Civil Base
Update Tables

COREY J. MILLS
DATE

RLA# 6666831
REVISIONS

BY
DATE

NO.
NO.

THESE PLANS ARE SUBJECT TO FEDERAL COPYRIGHT LAWS. ANY USE OF SAME WITHOUT THE EXPRESS WRITTEN PERMISSION OF RACETRAC PETROLEUM, INC. IS PROHIBITED.

RACETRAC PETROLEUM, INC.
 3225 CUMBERLAND BOULEVARD, SUITE 100
 ATLANTA, GA 30339
 (770) 431-7600

Planting Plan
 RACETRAC #863 - DeBary
 DeBary Ave. & Deltona Blvd.
 Deltona, FL

DATE: 2015.5.7
 SCALE: 1" = 20'-0"
 DRAWN-BY: AE
 PROJECT NUMBER: 2015.035

L2.11
1

SHEET NO
VERSION



RaceTrac

Race

RaceTrac

RaceTrac

RaceTrac

RaceTrac

RaceTrac

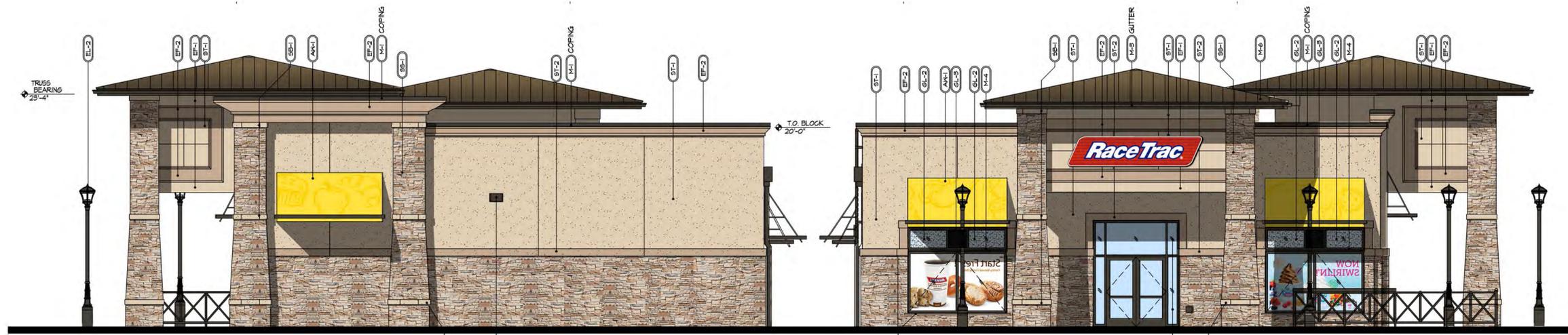
RaceTrac



Frozen Yogurt Here!

BLOCKED





RIGHT EXTERIOR ELEVATION

LEFT EXTERIOR ELEVATION



REAR EXTERIOR ELEVATION



FRONT EXTERIOR ELEVATION

GENERAL NOTES

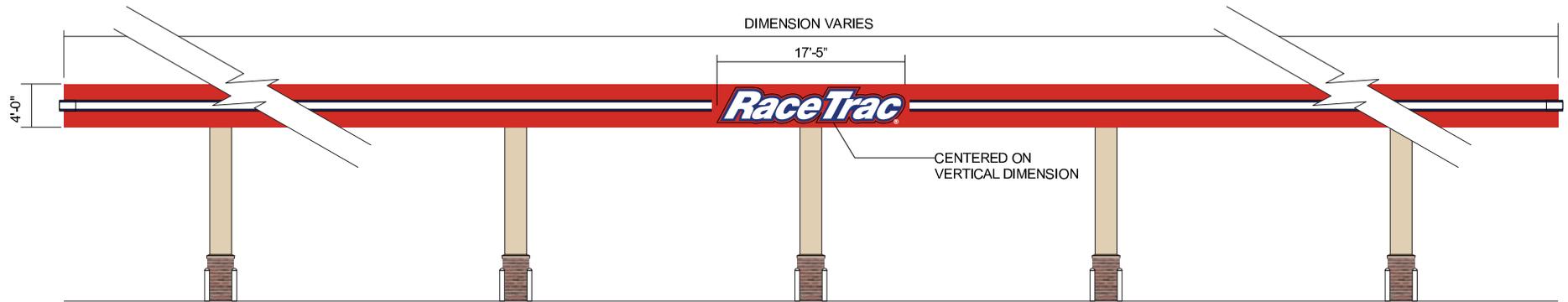
- CONTRACTOR SHALL VERIFY ALL EXTERIOR MATERIALS, COLORS AND FINISHES WITH THE ARCHITECT. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
- PROVIDE EXPANSION JOINTS (EJ) AS LOCATED ON ELEVATIONS. CALLING SPECIFICATION FOR EXPANSION JOINTS SHALL BE 'ADDSBE TAN' (EL-2) BY TREMCO.
- MAXIMUM SPACING OF EXPANSION JOINTS ARE TO BE 20'-0" O.C.

EXTERIOR MATERIAL LEGEND

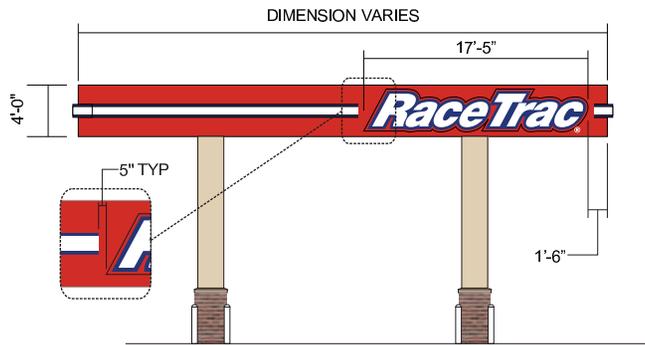
EXTERIOR MATERIAL LEGEND	
EXTERIOR PAINT	
EP-1	EXTERIOR METALS - PAINT TO MATCH ENGLERT METAL ROOF COLOR DK. BRONZE
STUCCO	
ST-1	3-COAT STUCCO SYSTEM (FINE FINISH) - 3/4" MINIMUM THICKNESS UNLESS NOTED OTHERWISE COLOR TO MATCH SHERWIN WILLIAMS #615 - INTERACTIVE CREAM
ST-2	3-COAT STUCCO SYSTEM (FINE FINISH) - 3/4" MINIMUM THICKNESS UNLESS NOTED OTHERWISE COLOR TO MATCH SHERWIN WILLIAMS #6044 - SENSATIONAL SAND
STACKED STONE	
SS-1	ASPEN COUNTRY LEDGESTONE BY BORAL (DRY STACK APPLICATION)
STONE BAND (LOWER BAND ONLY)	
SB-1	TUSCAN LINTEL CHAMPAGNE BY BORAL
AWNING	
AW-1	ALUMINUM AWNING SYSTEM - SELECTED BY OWNER
STUCCO - SYNTHETIC STUCCO (EIFS)	
EF-1	"FINE FINISH" APPLICATION COLOR TO MATCH SW # 6015 "INTERACTIVE CREAM"
EF-2	"FINE FINISH" APPLICATION COLOR TO MATCH SW # 6044 "SENSATIONAL SAND"
WINDOW SILLS	
SH-1	MOCHA WATERTABLE/SILL BY BORAL
METAL	
M-1	PREFINISHED 4" 2-PIECE COMPRESSION METAL COVER METAL TO MATCH ENGLERT METAL ROOF COLOR DARK BRONZE
M-2	1" PREFINISHED ALUMINUM COMPOSITE PANEL SYSTEM, REYNOLDBOND - COLOR TO MATCH ALUMINUM STOREFRONT SYSTEM
M-3	METAL TO MATCH ENGLERT METAL ROOF COLOR DARK BRONZE
M-4	VISTANALL F6-5000 OR F6-5100 IMPACT RESISTANT STOREFRONT SYSTEM PREFINISHED DARK BRONZE ANODIZED ALUMINUM AA-MIGC2244
M-5	PREFINISHED ALUMINUM DRIP EDGE
M-6	ENGLERT METAL ROOF SYSTEM SERIES 2000, 1-3/4" HIGH STRUCTURAL SNAP LOCK STANDING SEAM WITH NO BATTEN. PANELS ARE 18" WIDE, 24 GAUGE GALVALUME WITH BAKED-ON PERMACOLOR 2000 KYNAR 500 IN SMOOTH FINISH WITH (2) 1/8" HIGH X 1/8" WIDE STYRAN RIBS TO BE SPACED TO DIVIDE INTO THREE EQUAL PARTS, COLOR TO MATCH DARK BRONZE.
GLASS - SEE A600 FOR WINDOW FRAME DIMENSIONS	
GL-1	1-1/8" IMPACT RATED INSULATED LAMINATED GLASS - CLIMATE ZONES 1 OR 2, 1/2" AT STOREFRONT 0.60 U-FACTOR, SHGC PFG02 = 0.40, PFG SOLARBAN 10 XL LOW-E #2 (STOREFRONT WINDOWS & DOORS)
GL-2	1-1/8" IMPACT RATED FROSTED INSULATED LAMINATED GLASS - CLIMATE ZONES 1 OR 2, 1/2" AT STOREFRONT 0.60 U-FACTOR, SHGC PFG02 = 0.40, PFG SOLARBAN 10 XL LOW-E #2 SATIN ETCH #4 (OUTER RESTROOM TRANSOM PANELS)
GL-3	1-1/8" IMPACT RATED FROSTED INSULATED LAMINATED GLASS - CLIMATE ZONES 1 OR 2, 1/2" AT STOREFRONT 0.60 U-FACTOR, SHGC PFG02 = 0.40, PFG SOLARBAN 10 XL SATIN ETCH #2 & BLACK CERAMIC FRIT SPANDREL #6 (CENTER RESTROOM TRANSOM PANELS; SEE DETAIL C14D ON A600 FOR WINDOW GLAZING CONFIGURATION INFORMATION)
GL-4	3/16" IMPACT RATED LAMINATED NON-INSULATED MONOLITHIC FROSTED PFG GLASS - SATIN ETCH #4 (GLASS TONERS ONLY)
LIGHTING	
EL-1	SECURITY LIGHT - SEE ELECTRICAL DRAWINGS
EL-2	DECORATIVE POLE LIGHT - SEE ELECTRICAL DRAWINGS

SEE SHEET A000 FOR NOA INFORMATION
 SEE SHEET A500 FOR ADDITIONAL MATERIALS INFO.
 SEE SHEET A600 FOR WINDOW GLAZING CONFIGURATION FOR IMPACT RATED AND NON-IMPACT RATED GLASS SYSTEM
 M.C.J. - MASONRY CONTROL JOINT; SEE DETAIL M/A124 FOR ADDITIONAL INFORMATION
 S.C.J. - STUCCO CONTROL JOINT; SEE DETAIL N/A124 FOR ADDITIONAL INFORMATION

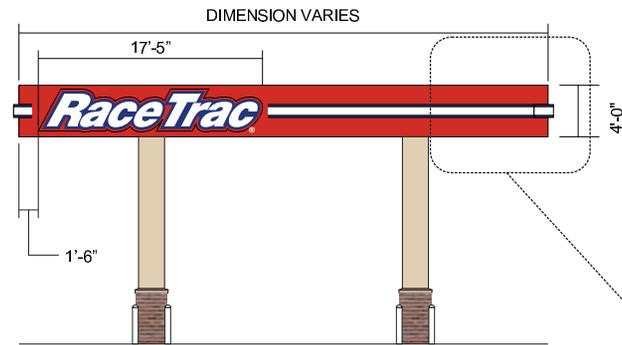
57 SF Canopy LED Cloud Sign - Red Canopy



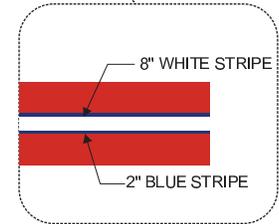
GAS CANOPY FRONT ELEVATION



LEFT SIDE VIEW - RED CANOPY



RIGHT SIDE VIEW - RED CANOPY



COLOR SCHEDULE

-  **RaceTrac Red**
To Match RGB = 216, 30, 5
-  **RaceTrac Blue**
To Match RGB = 0, 43, 127

RACETRAC #863 – DEBARY AVE

Project № 15-027.1

December 2015

(Revised)

**TRAFFIC IMPACT ANALYSIS
CITY OF DELTONA
FLORIDA**

Prepared by:



Traffic & Mobility Consultants

3101 Maguire Boulevard, Suite 265

Orlando, Florida 32803

www.trafficmobility.com

(407) 531-5332

Prepared for:

RaceTrac Petroleum

3225 Cumberland Boulevard, Suite 100

Atlanta, Georgia 30339

EXECUTIVE SUMMARY

This traffic analysis was conducted to assess the traffic operations of the proposed RaceTrac convenience market with gas located in the northeast quadrant of the intersection of DeBary Avenue and Deltona Boulevard in the City of Deltona, Florida. The proposed project is a 5,928 square foot convenience store with 20 vehicle fueling positions.

The results of the traffic analysis are summarized as follows:

- The proposed development will generate a total of 1,704 net new daily trips, of which 82 new trips will occur in the AM peak hour and 102 new trips will occur in the PM peak hour.
- A review of roadway capacity indicates that currently all roadway segments operate within their capacities and are projected to continue to do so at project buildout.
- An analysis of intersection capacity and operations reveals that the study intersections currently operate adequately. The intersections are projected to continue to operate adequately for the projected background and project buildout.
- A review of the project access plan reveals the following:
 - The proposed access plan adequately serves the site.
 - The proposed full access driveway on Deltona Boulevard is a “Major Driveway Entrance”
 - Roadway improvements are necessary to accommodate the proposed full access on Deltona Avenue. The improvements include the addition of:
 - Northbound right-turn deceleration lane
 - Two-Way-Left-Turn lane on the road adjacent to the driveway
- An evaluation of the warrants for signal control at the intersection of Deltona Avenue and Welcome Center Drive indicate that a signal is not likely to be warranted at the intersection per the MUTCD.
- If conditions change or if significant safety considerations arise, the intersection of Welcome Center Drive and Deltona Boulevard may continue to be monitored and evaluated for future signalization.

PROFESSIONAL ENGINEERING CERTIFICATION

I hereby certify that I am a Professional Engineer properly registered in the State of Florida practicing with Traffic & Mobility Consultants, LLC, a corporation authorized to operate as an engineering business, CA-30024, by the State of Florida Department of Professional Regulation, Board of Professional Engineers, and that I have prepared or approved the evaluations, findings, opinions, conclusions, or technical advice attached hereto for:

PROJECT: RaceTrac # 863 – DeBary Ave

LOCATION: City of Deltona, Florida

CLIENT: RaceTrac Petroleum

I hereby acknowledge that the procedures and references used to develop the results contained in these computations are standard to the professional practice of Transportation Engineering as applied through professional judgment and experience.

NAME: Mohammed Abdallah

P.E. No.: Florida P.E. No. 56169

DATE: December 29, 2015

SIGNATURE: _____

TABLE OF CONTENTS

	Page
1.0 INTRODUCTION.....	1
2.0 PROJECT TRAFFIC.....	3
2.1 Trip Generation.....	3
2.2 Trip Distribution/Assignment.....	3
3.0 CAPACITY ANALYSIS.....	4
3.1 Existing and Projected Background Traffic.....	4
3.2 Roadway Segment Analysis.....	4
3.3 Proposed Access Plan	7
3.4 Intersection Analysis.....	9
4.0 SIGNAL WARRANT EVALUATION.....	12
4.1 Warrant 1 – 8-hour Volume Warrant (Conditions A & B).....	12
4.2 Warrant 2 – 4- hour Volume Warrant	13
4.3 Warrant 3 – Peak Hour Volume Warrant.....	14
4.4 Summary of Warrant Evaluation.....	15
5.0 STUDY CONCLUSIONS	16
APPENDICES.....	17
Appendix A Proposed Site Plan	
Appendix B ITE Information Sheets	
Appendix C Historical Volumes & Seasonal Factors	
Appendix D Intersections Traffic Volume	
Appendix E Intersection Analysis Worksheets	

LIST OF TABLES

Table 1 Roadway Segments Analyzed	1
Table 2 Trip Generation Analysis.....	3
Table 3 Segment Capacity Analysis	4
Table 4 Intersection Capacity Analysis	9

LIST OF FIGURES

Figure 1 Site Location Map	2
Figure 2 Existing AM Intersection Volumes	5
Figure 3 Existing PM Intersection Volumes	6
Figure 4 Recommended Access Improvements	8
Figure 5 Projected AM Intersection Volumes.....	10
Figure 6 Projected PM Intersection Volumes.....	11

1.0 INTRODUCTION

This traffic analysis was conducted to assess the traffic operations of the proposed RaceTrac gas station located in the northeast quadrant of the intersection of DeBary Boulevard and Deltona Avenue Boulevard in the City of Deltona. The proposed project is a 5,928 square foot convenience store with 20 vehicle fueling positions. **Figure 1** depicts the site location and the surrounding transportation network. The proposed site plan is included in **Appendix A**.

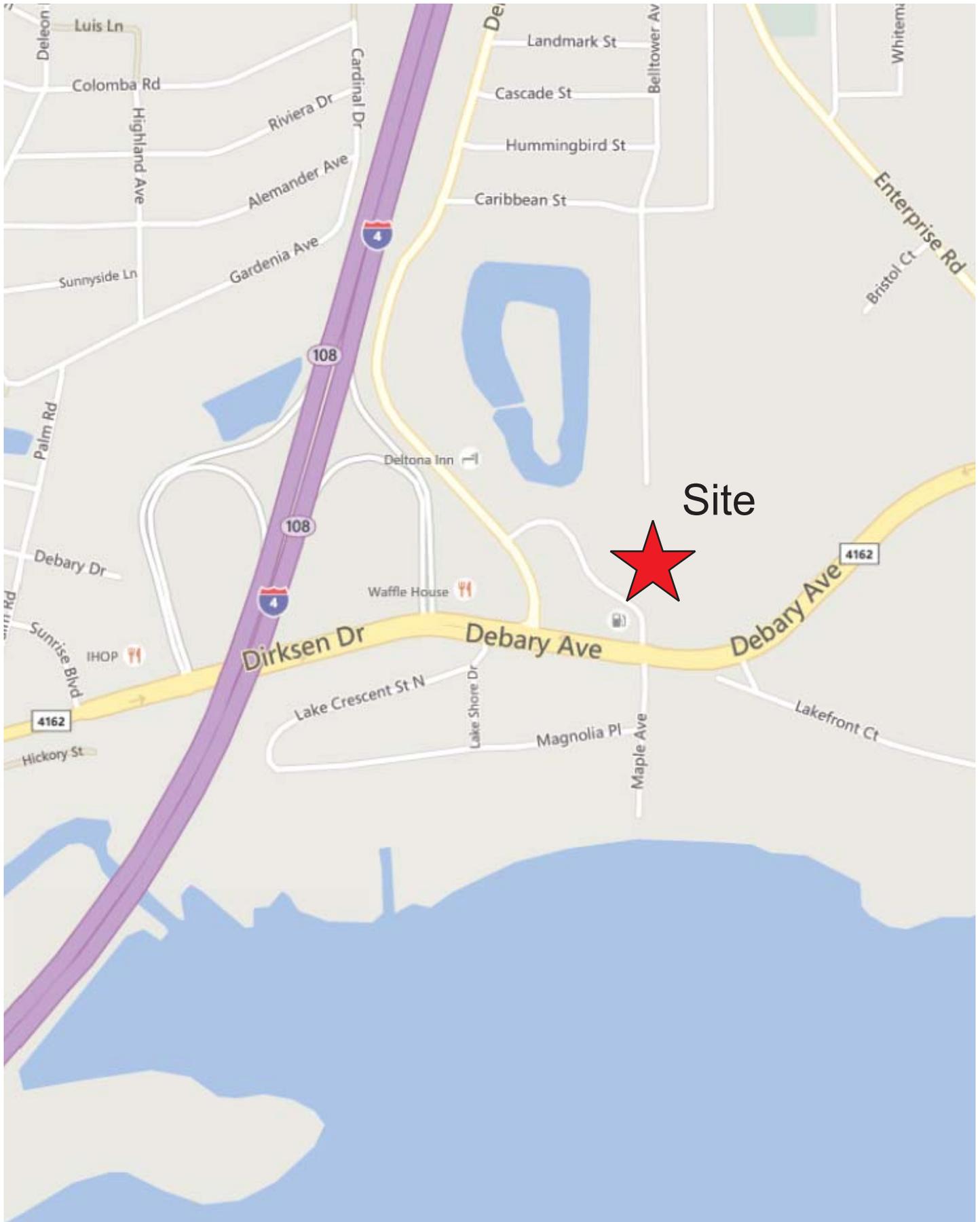
The analysis was conducted in accordance with City of Deltona requirements. The roadway segments considered in the analysis are listed in **Table 1**.

Table 1
Roadway Segments Analyzed

Roadway	Segment
DeBary Avenue	I-4 to Deltona Blvd
	Deltona Blvd to Enterprise Rd
Deltona Boulevard	DeBary Ave to Enterprise Rd

Additionally, the intersections within the project's influence area were analyzed:

1. DeBary Avenue & I-4 NB Ramps
2. DeBary Avenue & Deltona Boulevard
3. DeBary Avenue & Welcome Center Drive
4. Deltona Boulevard & Welcome Center Drive



Site



2.0 PROJECT TRAFFIC

2.1 Trip Generation

Information published by the Institute of Transportation Engineers (ITE) in the *Trip Generation Manual, 9th Edition* was used to determine the trip generation of the existing land use and the proposed development as summarized in **Table 2**. The ITE information sheets are included in **Appendix B**.

**Table 2
Trip Generation Analysis**

Description	LU Code	Quantity	Daily		AM Peak Hour Trips			PM Peak Hour Trips				
			Rate	Trips	Rate	Enter	Exit	Total	Rate	Enter	Exit	Total
Convenience w/Gas	853	5.928 KSF	845.60	5,013	40.92	122	121	243	50.92	151	151	302
<i>Convenience Store Pass-by (66%)</i>				3,309	--	81	80	161	--	100	100	200
Net New Trips				1,704	--	41	41	82	--	51	51	102

Based on this calculation, the proposed development will generate a total of 1,704 net new daily trips, of which 82 new trips will occur in the AM Peak hour and 102 new trips will occur during the PM peak hour.

2.2 Trip Distribution/Assignment

The distribution of primary project trips was developed using engineering judgment and is based on the prevailing traffic flow patterns in the vicinity of the site and on the location of related attractions and productions in the area.

The trip distribution is described as follows:

To/from West on DeBary Ave	45%
To/from East on DeBary Ave	30%
To/from North on Deltona Blvd	25%

Pass-by traffic is drawn from the existing traffic stream on DeBary Avenue and Deltona Boulevard.

3.0 CAPACITY ANALYSIS

A capacity analysis was conducted for the roadway segments and intersections within the project's influence area. The analysis was prepared for existing traffic, projected background traffic, and projected traffic with proposed development.

3.1 Existing and Projected Background Traffic

Existing traffic volume counts were obtained at the study intersections during the AM and PM peak hours. The FDOT seasonal adjustment factor is 1.0 for the time period of the count, therefore, the data did not require seasonal adjustment. The volume at the intersection of Welcome Center Drive and Deltona Boulevard was adjusted to balance the volume with the volume at the adjacent intersection. The existing volumes are illustrated in **Figures 2 and 3**. Existing PM peak hour segment volumes were calculated from the intersection volumes.

A review of historical traffic growth on DeBary Avenue and Deltona Boulevard indicates that traffic volumes have been decreasing consistently over the past few years and through the year 2015. Therefore, to project 2016 background traffic, a conservative 2% annual growth rate was applied to existing traffic volumes. Historical traffic volumes are included in **Appendix C**.

3.2 Roadway Segment Analysis

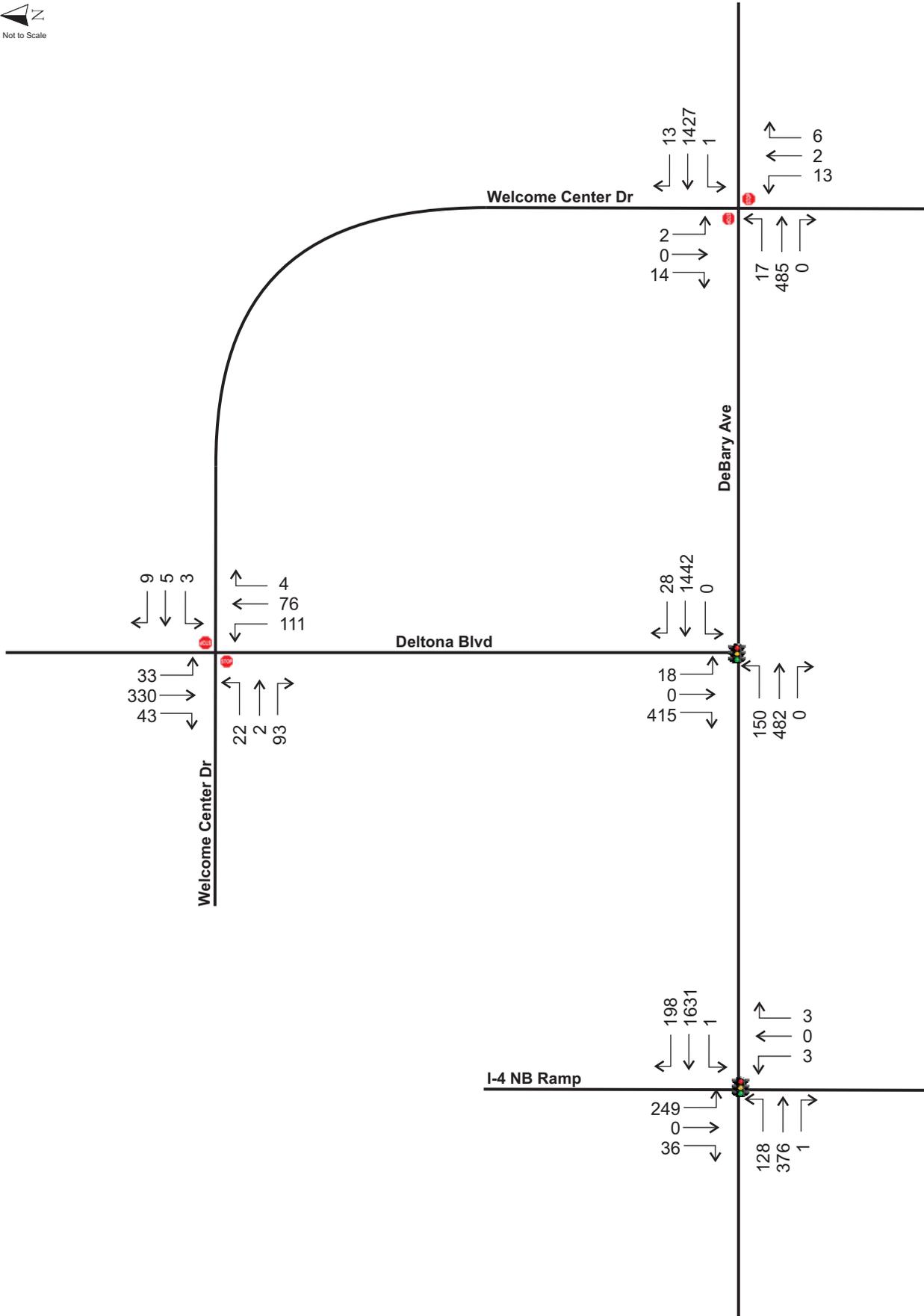
Roadway segment capacity was analyzed by comparing the traffic volumes on the study roadway segments to the service volumes at the adopted Level of Service (LOS) standard. The roadway segment analysis is summarized in **Table 3**.

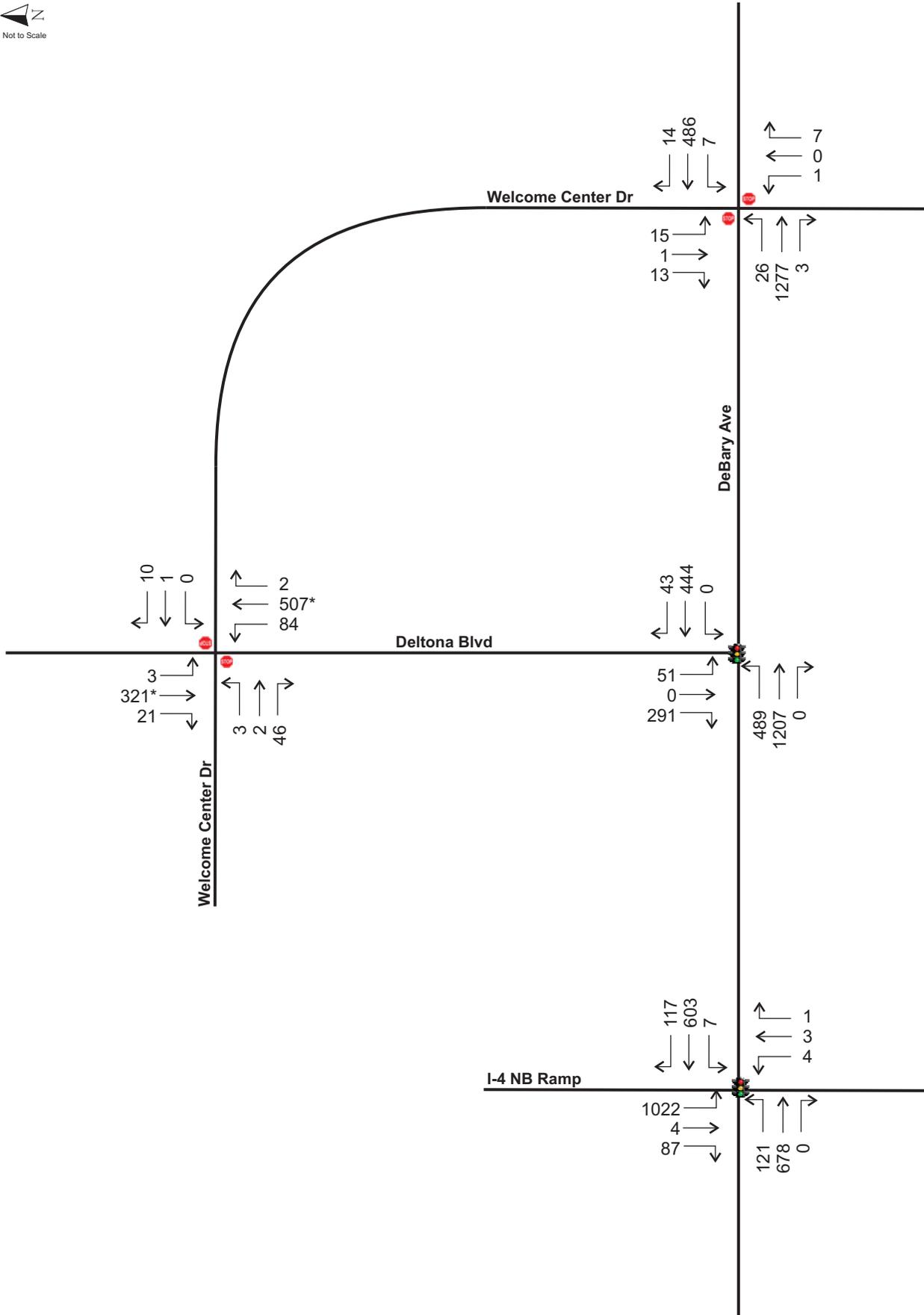
**Table 3
Segment Capacity Analysis**

Roadway	Segment	# of Lns	Max Service Volume	Existing		Projected Backg'd		Project Trips		Total Projected	
				Volume	Deficient (Yes/No)?	Peak Hr	Deficient (Yes/No)?	Distrib (%)	Volume	Volume	Deficient (Yes/No)?
DeBary Ave	I-4 to Deltona Blvd	4	2,740	2,431	No	2,480	No	45%	46	2,526	No
	Deltona Blvd to Enterprise Rd	4	2,740	1,813	No	1,849	No	30%	31	1,880	No
Deltona Blvd	DeBary Ave to Enterprise Rd	2	1,330	874	No	891	No	25%	26	917	No

Existing Volumes were obtained from intersection volume counts

The results of the analysis indicate that all the study roadway segments currently operate within their adopted capacity and are projected to continue to do so at project buildout.





* Volume was reduced to balance intersections

3.3 Proposed Access Plan

The proposed access plan includes two full access driveways, one on Welcome Center Drive and one on Deltona Boulevard. The site will not have direct access to the DeBary Avenue.

Welcome Center Drive Access

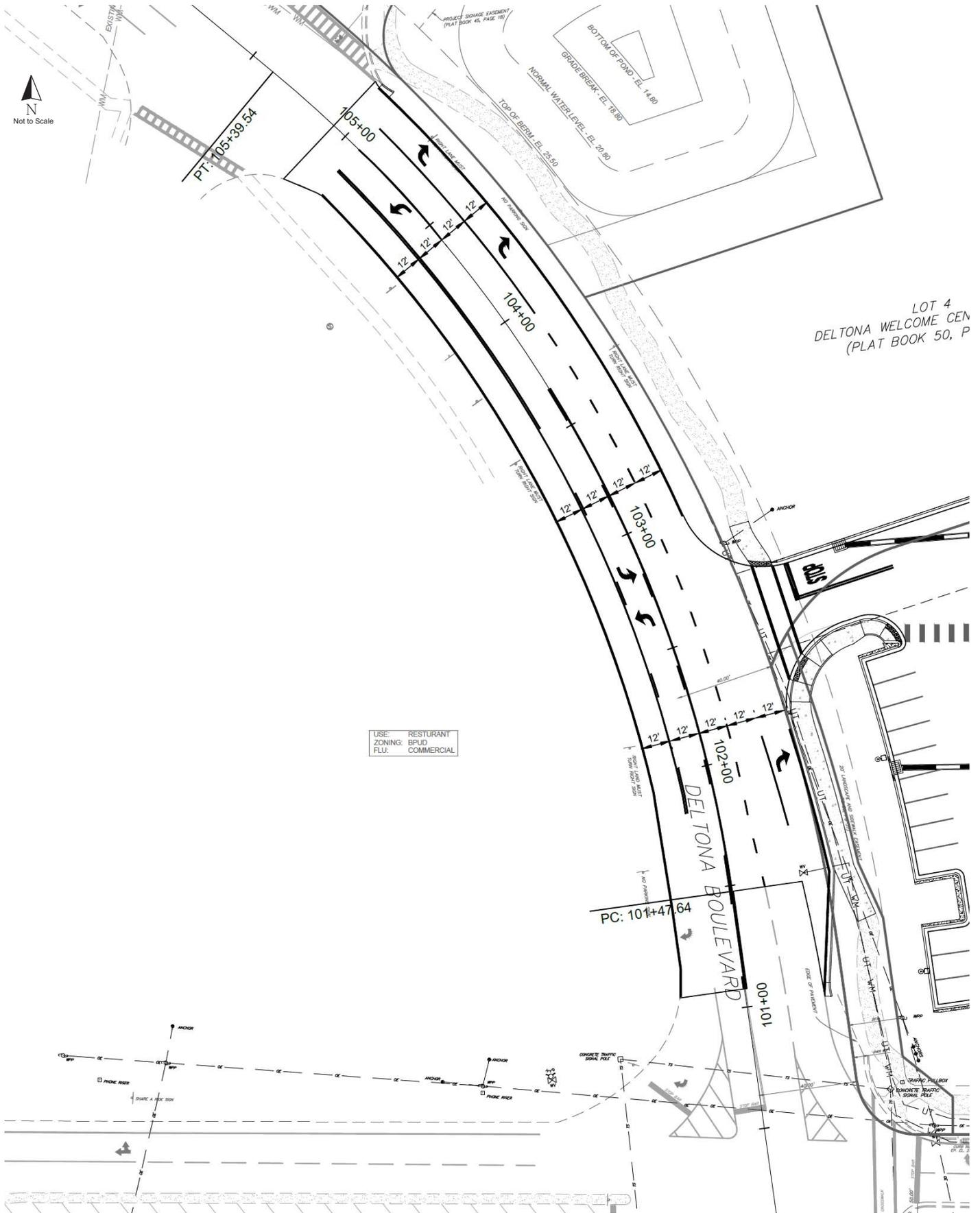
A driveway is proposed on Welcome Center Drive, which is a local access road located to the east of the site. The full access driveway will provide low volume/secondary access to DeBary Avenue and to Deltona Boulevard via Welcome Center Drive. Other than improvements associated with the driveway construction, no capacity improvements are anticipated or recommended at this driveway.

Deltona Boulevard Access

A full access driveway is proposed on Deltona Boulevard. The location of the driveway is approximately 250 feet north of the signal at DeBary Avenue. The driveway will serve as the primary point of ingress and egress to the site. It should be noted that the proposed driveway configuration/geometry will meet the City's requirements for a "Major Driveway Entrance".

Due to the proximity of the driveway to the signalized intersection at DeBary Boulevard, offsite improvements to the roadway adjacent to the site are recommended to minimize the influence of the access point on traffic operations. The recommended offsite improvements are outlined as follows and are depicted in **Figure 4**:

- Construct a northbound right turn deceleration lane at the project driveway. The right turn lane will remove project trips from the through and merge lane existing on Deltona Boulevard and reduce friction in traffic departing the intersection.
- Construct a Two-Way-Left-Turn-Lane (TWLTL) on Deltona Avenue between Welcome Center Drive and DeBary Avenue. The TWLTL will allow for variable queue management at the three intersections on the segment and will remove all left turning traffic from the path of the southbound right turning traffic. The improvement significantly increases the capacity and operational integrity of the southbound right turn movement. Additionally, the turn lane provides a refuge for traffic turning left out of the proposed RaceTrac site, which improves the safety and capacity of the exiting left turn movement.



LOT 4
DELTONA WELCOME CEN
(PLAT BOOK 50, P

USE: RESTURANT
ZONING: BPUD
FLU: COMMERCIAL

3.4 Intersection Analysis

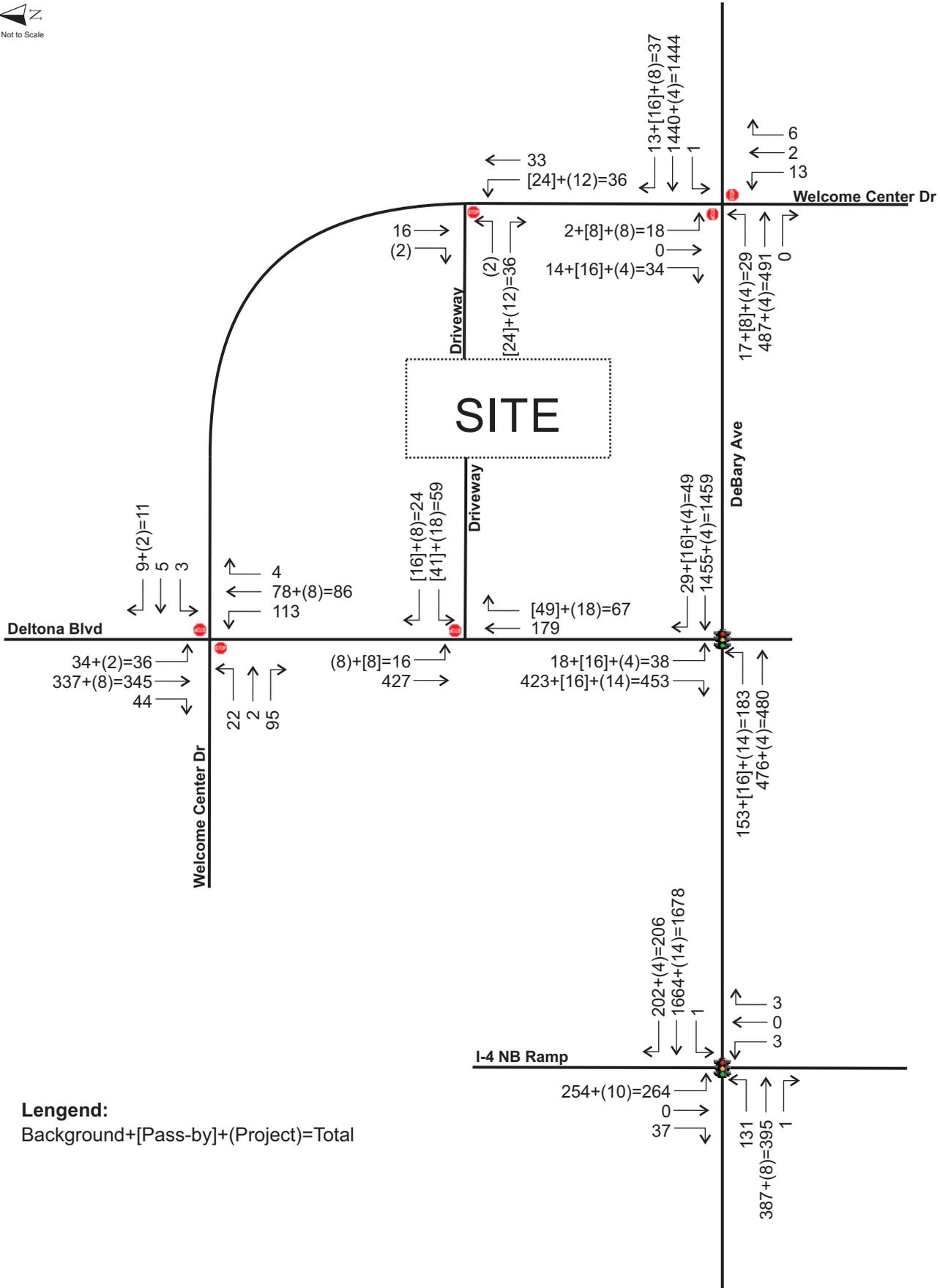
An intersection analysis was conducted using the *Synchro* software and the methods of the *Highway Capacity Manual (HCM) 2010*. The capacity analysis was performed using the existing and projected traffic volumes during the AM and PM peak hour. Existing turning movement counts were obtained at the study intersections and adjusted using an annual growth rate of 2%. **Figures 5 and 6** illustrate the projected AM and PM peak hour volumes, respectively.

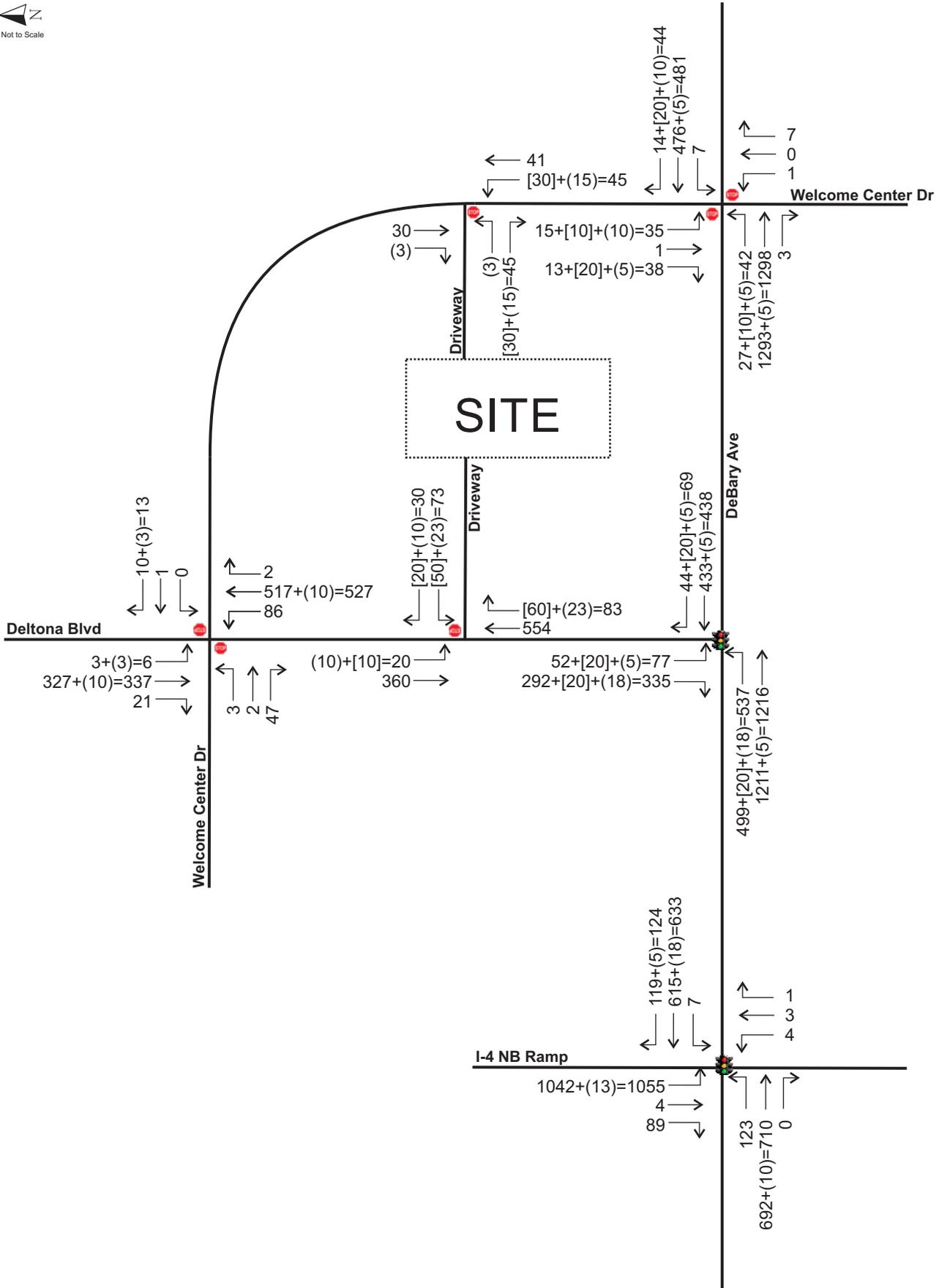
A summary of the intersection capacity analysis is provided in **Table 4**. This analysis indicates that all the study intersections and the project's access points operate at satisfactory LOS and are projected to continue to do so at project buildout. It is noted that the southbound approach to the intersection of DeBary Avenue and Deltona Boulevard operates at LOS F due to the delay experienced by the significant right turn volume toward I-4. The intersection counts are included in **Appendix D** and the detailed capacity analysis worksheets are included in **Appendix E**.

Table 4
Intersection Capacity Analysis

Intersection	Control	Analysis	EB		WB		NB		SB		Overall	
			Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
AM Peak Hour												
DeBary Ave & I4 NB Ramps	Signal	Existing	8.6	A	3.4	A	73.0	E	76.8	E	13.1	B
		Projected	8.7	A	3.9	A	73.0	E	79.6	E	13.3	B
DeBary Ave & Deltona Blvd	Signal	Existing	6.6	A	17.7	B	--	--	122.8	F	28.2	C
		Projected	8.9	A	18.3	B	--	--	149.7	F	34.3	C
DeBary Ave & Welcome Ctr	Stop	Existing	13.9	B	8.5	A	20.7	C	19.3	C	--	--
		Projected	14.6	B	8.5	A	22.9	C	30.6	D	--	--
Deltona Blvd & Welcome Ctr	Stop	Existing	12.3	B	12.8	B	8.3	A	7.4	A	--	--
		Projected	12.6	B	12.8	B	8.3	A	7.5	A	--	--
Deltona Blvd & Driveway	Stop	Projected	--	--	12.1	B	--	--	7.6	A	--	--
Welcome Center & Driveway	Stop	Projected	8.6	A	--	--	7.3	A	--	--	--	--
PM Peak Hour												
DeBary Ave & I4 NB Ramps	Signal	Existing	28.9	C	54.9	D	49.3	D	43.6	D	41.7	D
		Projected	29.8	C	57.0	E	49.6	D	47.1	D	44.0	D
DeBary Ave & Deltona Blvd	Signal	Existing	1.8	A	41.1	D	--	--	19.8	B	17.5	B
		Projected	9.6	A	44.3	D	--	--	23.2	C	18.1	B
DeBary Ave & Welcome Ctr	Stop	Existing	8.6	A	12.4	B	17.3	C	16.7	C	--	--
		Projected	8.9	A	12.3	B	18.0	C	31.9	D	--	--
Deltona Blvd & Welcome Ctr	Stop	Existing	11.6	B	12.5	B	8.1	A	8.4	A	--	--
		Projected	11.8	B	12.6	B	8.2	A	8.5	A	--	--
Deltona Blvd & Driveway	Stop	Projected	--	--	15.1	C	--	--	8.7	A	--	--
Welcome Center & Driveway	Stop	Projected	8.7	A	--	--	7.4	A	--	--	--	--

Average delay is expressed in Seconds/Vehicle





4.0 SIGNAL WARRANT EVALUATION

The intersection of Welcome Center Drive and Deltona Avenue provides access to multiple properties along Deltona Avenue. The Deltona Avenue approaches are fully improved with left turn and right turn deceleration lanes, with a single through lane in each direction. The minor approaches provide dedicated left/through lanes and right turn lanes at the intersection.

A signal warrant evaluation was performed for the intersection based on the observed and projected peak hour volumes. This review is intended to assess the likelihood that signal control would be warranted at this relatively low volume intersection in accordance with the requirements of the Manual on Uniform Traffic Control Devices (MUTCD).

Applicable volume warrants that would be assessed in full signal warrant analysis are described as follows:

4.1 Warrant 1 – 8-hour Volume Warrant (Conditions A & B)

Warrant 1, Condition A – “intended for application at locations where a large volume of intersecting traffic is the principal reason to consider installing a traffic control signal.” This warrant is not likely to be satisfied at this intersection since the minor street volumes are relatively low during day. For the 35 mph roadway, the required number of intersecting vehicles is:

Condition	Total Major Approaches	Highest Minor Approach
A	500 vph	200 vph

This minimum requirement would have to be met for 8 hours out of the typical day. At the subject intersection the highest intersecting volume is projected to be 628 vph on Deltona Avenue (major approaches) and 119 vph at the McDonald’s driveway (minor approach).

Since the peak hour volume does not meet the minimum required traffic volume threshold for Warrant 1, Condition A, it is likely that there are no hours during the day that would satisfy the minimum thresholds. Therefore, Warrant 1 - Condition A is **not met** at this intersection.

Warrant 1, Condition B – “intended for application at locations where Condition A is not satisfied and where the traffic volume on a major street is so heavy that traffic on a minor intersecting street suffers excessive delay or conflict in entering or crossing the major street.” This warrant is not likely to be satisfied at this intersection since the minor street volumes are relatively low during day. For the 35 mph roadway, the required number of intersecting vehicles is:

Condition	Total Major Approaches	Highest Minor Approach
B	900 vph	100 vph

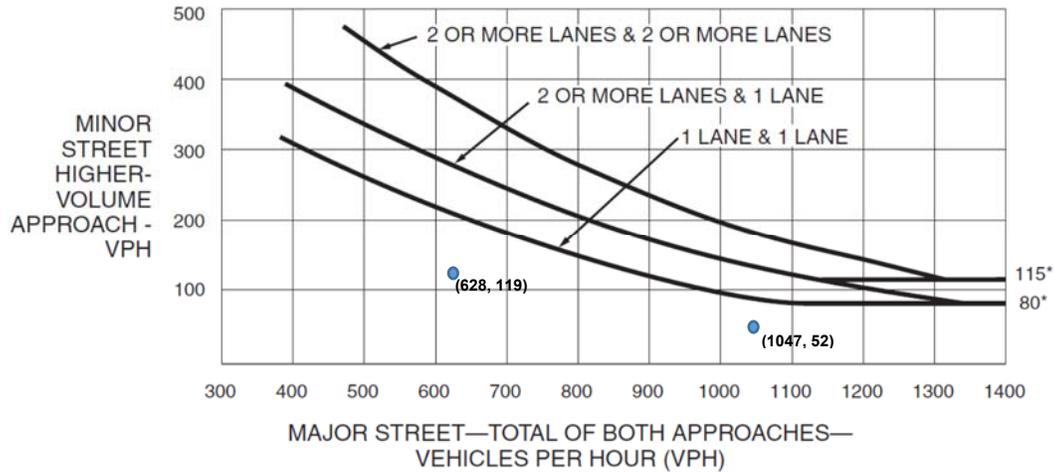
This minimum requirement would have to be met for 8 hours out of the typical day. As stated above, the peak hour volumes are projected to be 628 vph on Deltona Avenue and 119 vph at the McDonald’s driveway.

Since the peak hour volume does not meet the minimum required traffic volume threshold for Warrant 1, Condition B, it is likely that there are no hours during the day that would satisfy the minimum thresholds. Therefore, Warrant 1 - Condition B is **not met** at this intersection.

4.2 Warrant 2 – 4- hour Volume Warrant

Warrant 2 – “intended to be applied where the volume of intersecting traffic is the principal reason to consider installing a traffic control signal.” The warrant is met if for four hours during the typical day, the intersecting traffic volumes exceed the threshold graph illustrated below and obtained from **MUTCD Figure 4C-1**. The projected AM and PM peak hours were graphed on the chart for illustration of the highest two hours of the day as compared to the warrant thresholds, established as the middle curve “2 or more lanes & 1 lane”. It is clear from this illustration that the projected volumes at the intersection will not exceed the required thresholds, therefore, Warrant 2 is **not met**.

Warrant 2 - Thresholds Chart



4.3 Warrant 3 – Peak Hour Volume Warrant

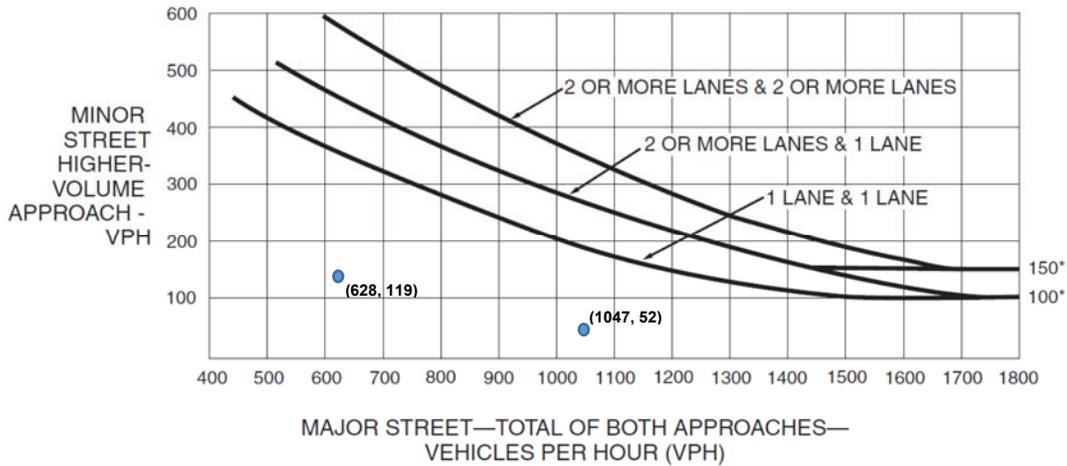
Warrant 3 – “intended for use at a location where traffic conditions are such that for a minimum of 1 hour of an average day, the minor-street traffic suffers undue delay when entering or crossing the major street.” In order to be met, this warrant requires that the location is a high peaking facility that “attract or discharge large numbers of vehicles over a short period of time”. Although this intersection does not qualify as an “unusual case”, the volumes were checked to understand if the traffic volumes would meet the warrant thresholds.

The warrant is met if the following three conditions are met for the peak hour:

- The intersection serves 800 vehicles per hour or more
- The minor approach experiences more than 5 vehicle-hours of delay
- The intersecting volumes exceed the threshold

The projected highest hour is graphed as compared to the warrant thresholds from **MUTCD Figure 4C-3**, established as the middle curve “2 or more lanes & 1 lane”. It is evident that the intersection does not meet all of these conditions during the peak hour. Therefore, Warrant 3 is **not met**.

Warrant 3 - Threshold Chart



4.4 Summary of Warrant Evaluation

The signal warrant evaluation based on the warrant thresholds of the MUTCD yields the following results:

- Warrant 1 – Not Met
- Warrant 2 – Not Met
- Warrant 3 – Not Met

Based on this assessment it is not likely that signal control will be warranted at the intersection of Deltona Avenue and Welcome Center Drive under the projected traffic volumes. Further growth and additional increases in traffic volumes or if a significant safety issue materialize at the intersection, a signal may become warranted and necessary.

Therefore, it is recommended that the intersection remain under two-way stop control and continue to be monitored for signal warrants as conditions change in the future.

5.0 STUDY CONCLUSIONS

This traffic analysis was conducted to assess the traffic operations of the proposed RaceTrac convenience market with gas located in the northeast quadrant of the intersection of DeBary Avenue and Deltona Boulevard in the City of Deltona, Florida. The proposed project is a 5,928 square foot convenience store with 20 vehicle fueling positions. The analysis included a determination of project trip generation, a review of existing and projected roadway and intersection capacity, and a review of the proposed site access plan.

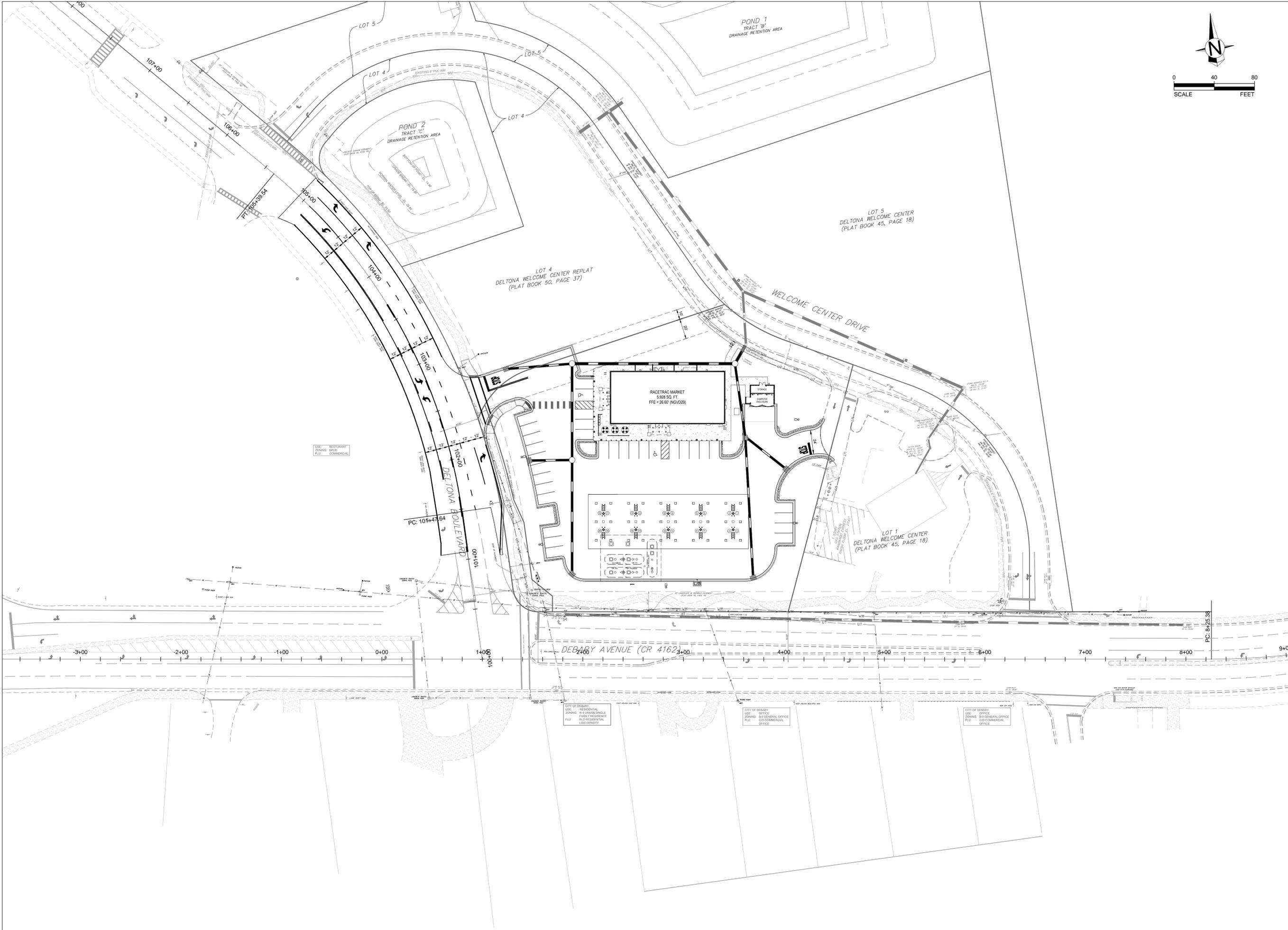
The results of the traffic analysis are summarized as follows:

- The proposed development will generate a total of 1,704 net new daily trips, of which 82 new trips will occur in the AM peak hour and 102 new trips will occur in the PM peak hour.
- A review of roadway capacity indicates that currently all roadway segments operate within their capacities and are projected to continue to do so at project buildout.
- An analysis of intersection capacity and operations reveals that the study intersections currently operate adequately. The intersections are projected to continue to operate adequately for the projected background and project buildout.
- A review of the project access plan reveals the following:
 - The proposed access plan adequately serves the site.
 - The proposed full access driveway on Deltona Boulevard is a “Major Driveway Entrance”
 - Roadway improvements are necessary to accommodate the proposed full access on Deltona Avenue. The improvements include the addition of:
 - Northbound right-turn deceleration lane
 - Two-Way-Left-Turn lane on the road adjacent to the driveway
- An evaluation of the warrants for signal control at the intersection of Deltona Avenue and Welcome Center Drive indicate that a signal is not likely to be warranted at the intersection per the MUTCD.
- If conditions change or if significant safety considerations arise, the intersection of Welcome Center Drive and Deltona Boulevard may continue to be monitored and evaluated for future signalization.

APPENDICES

Appendix A
Proposed Site Plan

Drawing name: Z:\2014 Projects\12725 (RaceTrac) - 8881 - DelRay Avenue\DelRay\Roadway Improvements - Final.dwg ROADWAY IMPROVEMENTS - FOR TRAFFIC STUDY Nov 19, 2015 1:46pm by Andy



USE: RESTAURANT
ZONING: R-4 URBAN SINGLE
FLL: COMMERCIAL

CITY OF DEBARY
USE: RESIDENTIAL
ZONING: R-4 URBAN SINGLE
FLL: PALM RESIDENCE
FLL: RESIDENTIAL
LOW DENSITY

CITY OF DEBARY
USE: OFFICE
ZONING: B-8 GENERAL OFFICE
FLL: C-2 COMMERCIAL
OFFICE

CITY OF DEBARY
USE: OFFICE
ZONING: B-8 GENERAL OFFICE
FLL: C-2 COMMERCIAL
OFFICE

POTENTIAL ROADWAY IMPROVEMENTS		RACETRAC MARKET	
SITE	RACETRAC #836	DATE	8/10/2015
SCALE	AS NOTED	JOB NO.	10730
DRAWN	TAS	REVISIONS	NO.
BY		DATE	



RACETRAC PETROLEUM, INC.
3225 CUMBERLAND BOULEVARD
SUITE 100 ATLANTA, GA 30339
(770) 431-7600



Know what's below.
Call before you dig.



PDS
TRAFFIC ENGINEERING DATA SOLUTIONS, INC.
Phone: 386.753.0558 80 Spring Vista Drive
DeBary, FL 32713
Fax: 386.753.0778
CERTIFICATE OF AUTHORIZATION NO. 27592

THESE PLANS ARE SUBJECT TO FEDERAL COPYRIGHT LAWS. ANY USE OF SAME WITHOUT THE EXPRESS WRITTEN PERMISSION OF RACETRAC PETROLEUM, INC. IS PROHIBITED.

Appendix B
ITE Information Sheets

Convenience Market with Gasoline Pumps (853)

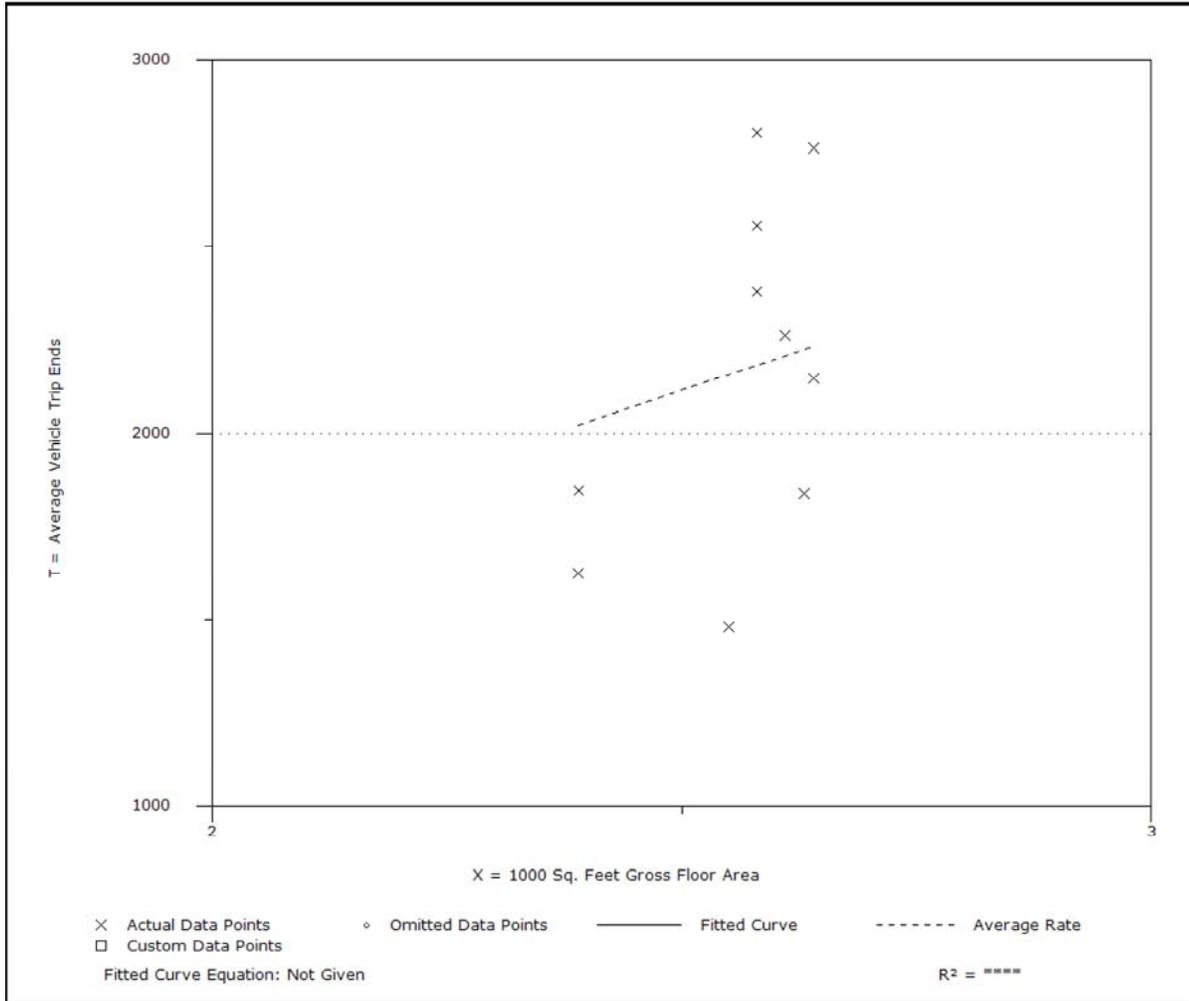
Average Vehicle Trip Ends vs: 1000 Sq. Feet Gross Floor Area
On a: Weekday

Number of Studies: 10
Average 1000 Sq. Feet GFA: 3
Directional Distribution: 50% entering, 50% exiting

Trip Generation per 1000 Sq. Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
845.60	578.52 - 1,084.72	163.67

Data Plot and Equation



Trip Generation, 9th Edition

Convenience Market with Gasoline Pumps (853)

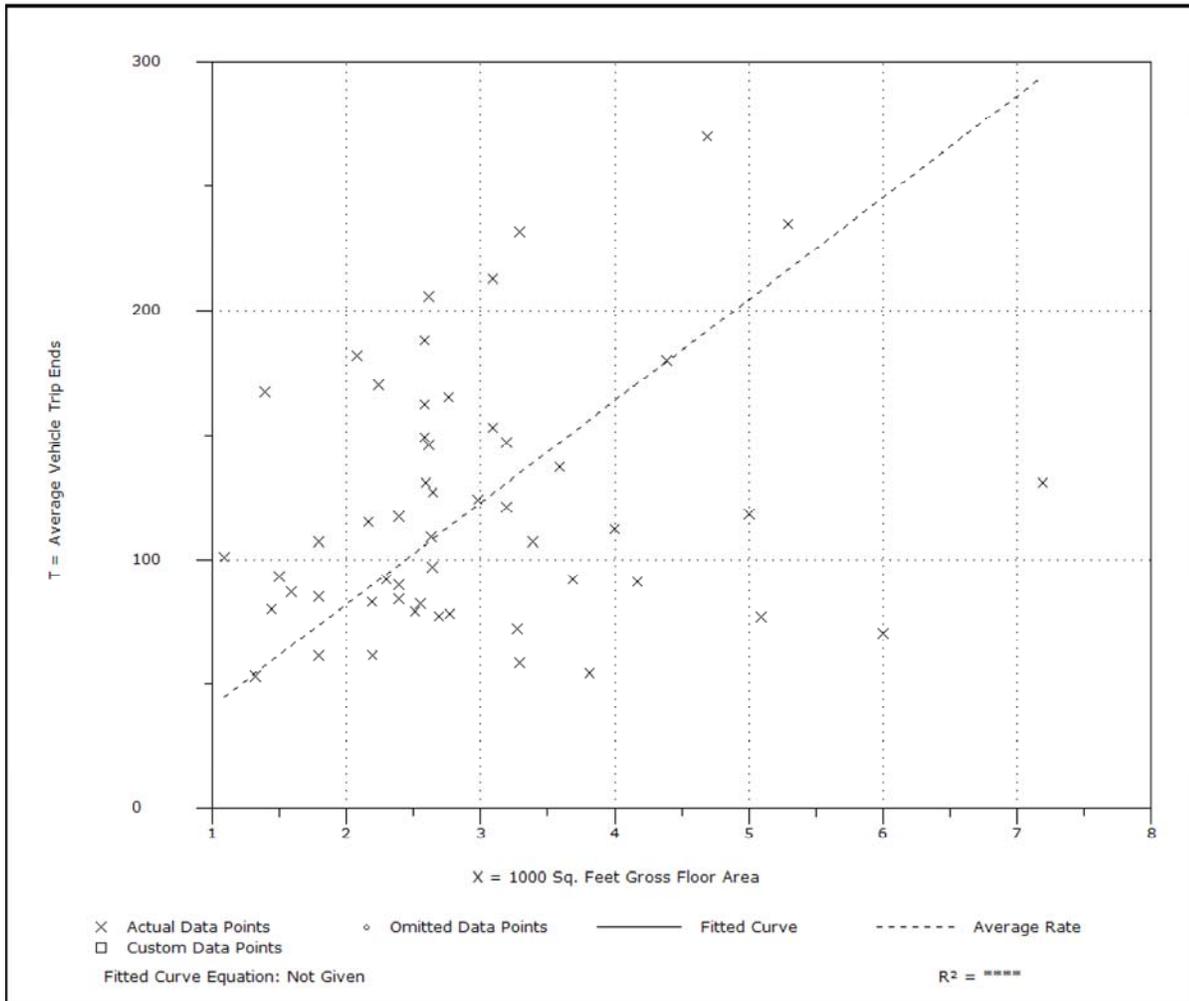
Average Vehicle Trip Ends vs: 1000 Sq. Feet Gross Floor Area
On a: Weekday
Peak Hour of Adjacent Street Traffic
One Hour Between 7 and 9 a.m.

Number of Studies: 53
 Average 1000 Sq. Feet GFA: 3
 Directional Distribution: 50% entering, 50% exiting

Trip Generation per 1000 Sq. Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
40.92	11.67 - 119.29	20.75

Data Plot and Equation



Trip Generation, 9th Edition

Convenience Market with Gasoline Pumps (853)

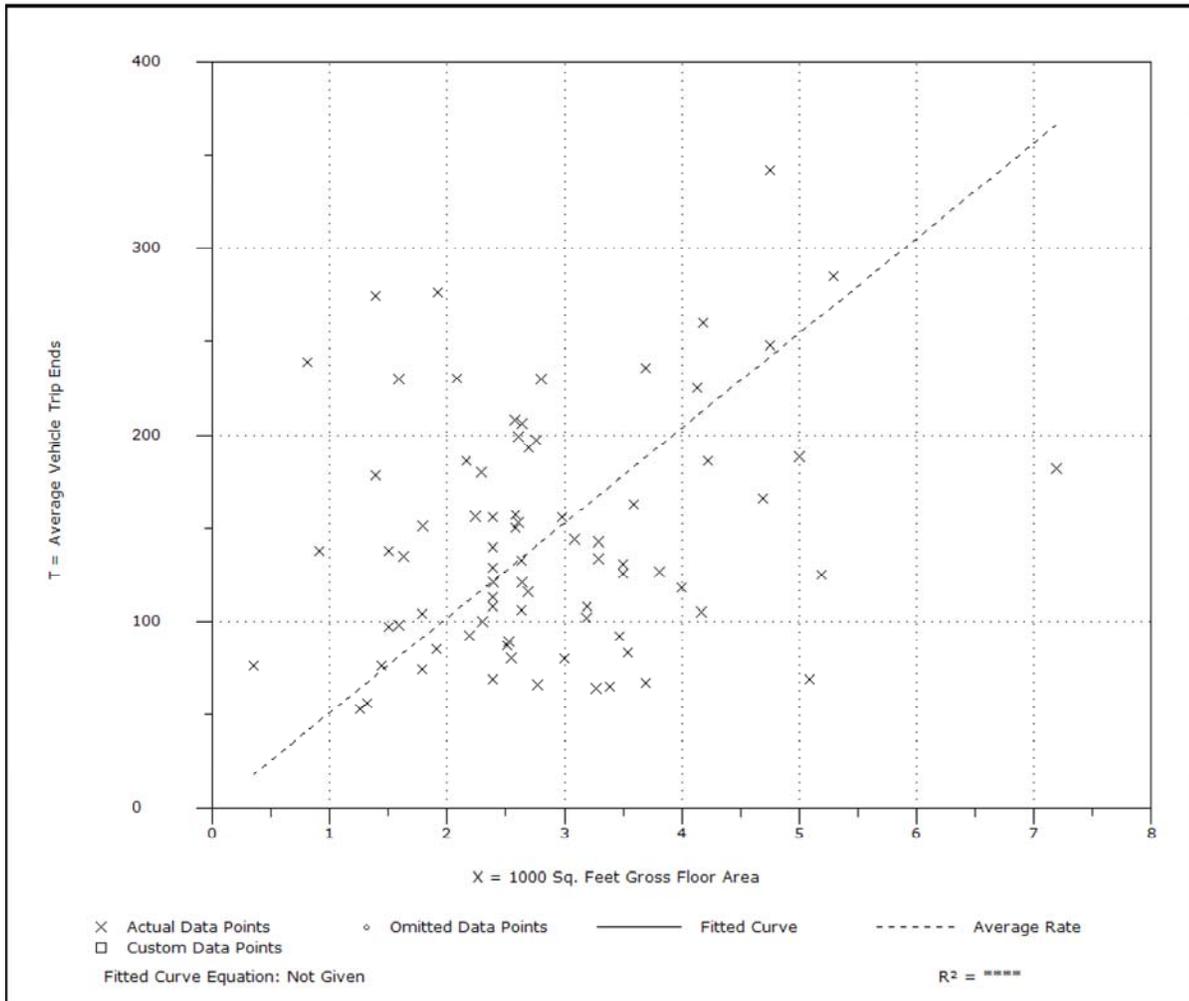
Average Vehicle Trip Ends vs: 1000 Sq. Feet Gross Floor Area
On a: Weekday
Peak Hour of Adjacent Street Traffic
One Hour Between 4 and 6 p.m.

Number of Studies: 78
 Average 1000 Sq. Feet GFA: 3
 Directional Distribution: 50% entering, 50% exiting

Trip Generation per 1000 Sq. Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
50.92	13.53 - 292.89	32.15

Data Plot and Equation



Trip Generation, 9th Edition

Appendix C
Historical Volumes & Seasonal Factors

2012 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL
 CATEGORY: 7900 VOLUSIA COUNTYWIDE

MOCF: 0.95

WEEK	DATES	SF	PSCF
1	01/01/2012 - 01/07/2012	1.01	1.07
2	01/08/2012 - 01/14/2012	1.00	1.06
3	01/15/2012 - 01/21/2012	1.00	1.06
4	01/22/2012 - 01/28/2012	0.98	1.04
* 5	01/29/2012 - 02/04/2012	0.97	1.03
* 6	02/05/2012 - 02/11/2012	0.95	1.00
* 7	02/12/2012 - 02/18/2012	0.94	0.99
* 8	02/19/2012 - 02/25/2012	0.93	0.98
* 9	02/26/2012 - 03/03/2012	0.93	0.98
*10	03/04/2012 - 03/10/2012	0.93	0.98
*11	03/11/2012 - 03/17/2012	0.92	0.97
*12	03/18/2012 - 03/24/2012	0.93	0.98
*13	03/25/2012 - 03/31/2012	0.94	0.99
*14	04/01/2012 - 04/07/2012	0.95	1.00
*15	04/08/2012 - 04/14/2012	0.96	1.01
*16	04/15/2012 - 04/21/2012	0.97	1.03
*17	04/22/2012 - 04/28/2012	0.98	1.04
18	04/29/2012 - 05/05/2012	0.99	1.05
19	05/06/2012 - 05/12/2012	1.00	1.06
20	05/13/2012 - 05/19/2012	1.01	1.07
21	05/20/2012 - 05/26/2012	1.02	1.08
22	05/27/2012 - 06/02/2012	1.02	1.08
23	06/03/2012 - 06/09/2012	1.02	1.08
24	06/10/2012 - 06/16/2012	1.03	1.09
25	06/17/2012 - 06/23/2012	1.03	1.09
26	06/24/2012 - 06/30/2012	1.04	1.10
27	07/01/2012 - 07/07/2012	1.04	1.10
28	07/08/2012 - 07/14/2012	1.04	1.10
29	07/15/2012 - 07/21/2012	1.05	1.11
30	07/22/2012 - 07/28/2012	1.05	1.11
31	07/29/2012 - 08/04/2012	1.05	1.11
32	08/05/2012 - 08/11/2012	1.05	1.11
33	08/12/2012 - 08/18/2012	1.05	1.11
34	08/19/2012 - 08/25/2012	1.05	1.11
35	08/26/2012 - 09/01/2012	1.04	1.10
36	09/02/2012 - 09/08/2012	1.04	1.10
37	09/09/2012 - 09/15/2012	1.04	1.10
38	09/16/2012 - 09/22/2012	1.03	1.09
39	09/23/2012 - 09/29/2012	1.02	1.08
40	09/30/2012 - 10/06/2012	1.01	1.07
41	10/07/2012 - 10/13/2012	1.00	1.06
42	10/14/2012 - 10/20/2012	0.99	1.05
43	10/21/2012 - 10/27/2012	1.00	1.06
44	10/28/2012 - 11/03/2012	1.00	1.06
45	11/04/2012 - 11/10/2012	1.00	1.06
46	11/11/2012 - 11/17/2012	1.00	1.06
47	11/18/2012 - 11/24/2012	1.01	1.07
48	11/25/2012 - 12/01/2012	1.01	1.07
49	12/02/2012 - 12/08/2012	1.01	1.07
50	12/09/2012 - 12/15/2012	1.01	1.07
51	12/16/2012 - 12/22/2012	1.01	1.07
52	12/23/2012 - 12/29/2012	1.00	1.06
53	12/30/2012 - 12/31/2012	1.00	1.06

* PEAK SEASON

08-FEB-2013 12:30:05

830UPD [1,0,0,1]

5_7900_PKSEASON.TXT

Site Information	
Feature	1
Site	792042
Description	I-4, RAMP FROM DIRKSON DR. TO I-4 EB
Section	79110007
Milepoint	0.1
AADT	2800
Site Type	Portable
Class Data	No
K Factor	8.4
D Factor	99.9
T Factor	4.4
TRAFFIC REPORTS (provided in  format)	
Volusia County	Annual Average Daily Traffic
	Historical AADT Data
	Synopsis 792042-20140716

Print this window.

Close this window.

Appendix D
Intersections Traffic Volume

TURNING MOVEMENT COUNT ANALYSIS
AUTOS & TRUCKS

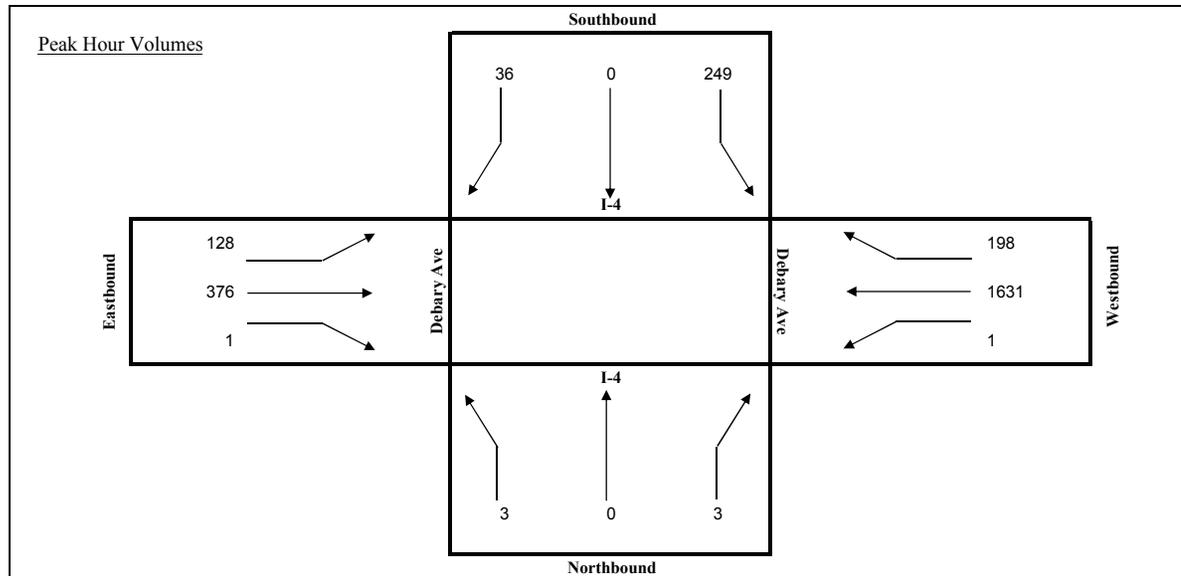
Intersection (N/S): I-4

Intersection (E/W): Debary Ave

Date: 5/7/2015

Start	End	I-4			I-4			Debary Ave			Debary Ave			TOTAL
		L	T	R	L	T	R	L	T	R	L	T	R	
7:00 AM	7:15 AM	3	0	2	37	0	2	28	59	0	1	422	37	591
7:15 AM	7:30 AM	1	0	0	61	0	8	25	96	0	0	444	40	675
7:30 AM	7:45 AM	1	0	1	55	0	6	33	88	1	1	389	51	626
7:45 AM	8:00 AM	0	0	0	70	0	12	29	105	0	0	420	48	684
8:00 AM	8:15 AM	1	0	2	63	0	10	41	87	0	0	378	59	641
8:15 AM	8:30 AM	0	0	1	59	0	9	30	66	1	1	359	47	573
8:30 AM	8:45 AM	1	0	1	72	0	17	33	49	0	1	303	36	513
8:45 AM	9:00 AM	1	0	0	51	0	11	36	51	1	2	275	32	460

Total for:	7:00 AM	8:00 AM	5	0	3	223	0	28	115	348	1	2	1675	176	2576
Total for:	8:00 AM	9:00 AM	3	0	4	245	0	47	140	253	2	4	1315	174	2187
Tota Peak Hour:	7:15 AM	8:15 AM	3	0	3	249	0	36	128	376	1	1	1631	198	2626
Overall PHF:			0.96												



TURNING MOVEMENT COUNT ANALYSIS
AUTOS & TRUCKS

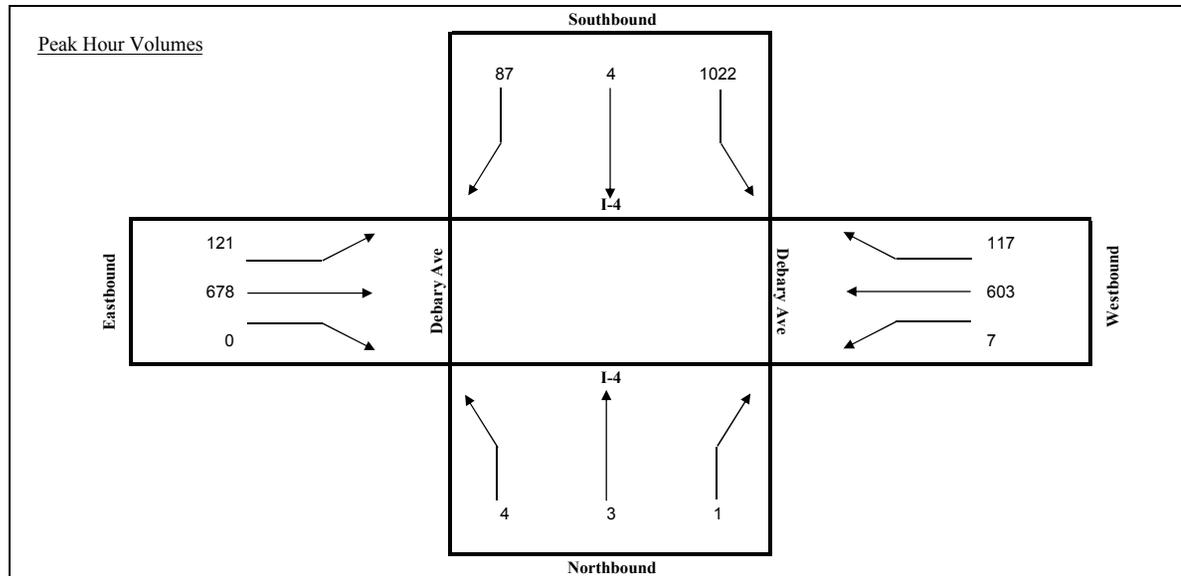
Intersection (N/S): I-4

Intersection (E/W): Debary Ave

Date: 5/7/2015

Start	End	I-4			I-4			Debary Ave			Debary Ave			TOTAL
		L	T	R	L	T	R	L	T	R	L	T	R	
4:00 PM	4:15 PM	1	1	0	259	2	23	24	103	0	2	130	37	582
4:15 PM	4:30 PM	1	0	1	268	0	28	27	108	0	2	122	29	586
4:30 PM	4:45 PM	2	1	1	246	1	33	25	111	0	6	137	31	594
4:45 PM	5:00 PM	0	0	0	222	1	25	30	133	0	1	155	30	597
5:00 PM	5:15 PM	1	2	0	243	2	22	25	175	0	3	141	28	642
5:15 PM	5:30 PM	2	1	1	291	0	22	36	169	0	1	163	32	718
5:30 PM	5:45 PM	1	0	0	266	1	18	30	201	0	2	144	27	690
5:45 PM	6:00 PM	0	1	1	205	0	10	27	166	0	3	137	36	586

Total for:	4:00 PM	5:00 PM	4	2	2	995	4	109	106	455	0	11	544	127	2359
Total for:	5:00 PM	6:00 PM	4	4	2	1005	3	72	118	711	0	9	585	123	2636
Tota Peak Hour:	4:45 PM	5:45 PM	4	3	1	1022	4	87	121	678	0	7	603	117	2647
Overall PHF:	0.92														

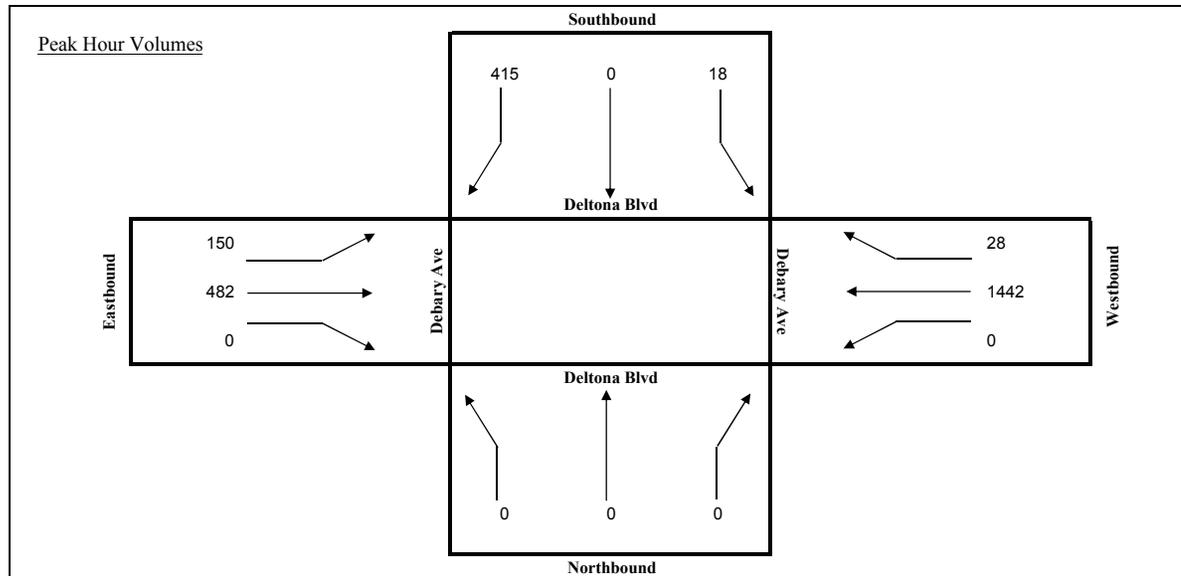


TURNING MOVEMENT COUNT ANALYSIS
AUTOS & TRUCKS

Intersection (N/S): Deltona Blvd
Intersection (E/W): Debary Ave
Date: 5/7/2015

Start	End	Deltona Blvd			Deltona Blvd			Debary Ave			Debary Ave			TOTAL
		L	T	R	L	T	R	L	T	R	L	T	R	
7:00 AM	7:15 AM	0	0	0	7	0	96	25	74	0	0	360	6	568
7:15 AM	7:30 AM	0	0	0	3	0	110	41	120	0	0	378	4	656
7:30 AM	7:45 AM	0	0	0	7	0	105	36	107	0	0	340	10	605
7:45 AM	8:00 AM	0	0	0	5	0	99	40	140	0	0	372	5	661
8:00 AM	8:15 AM	0	0	0	3	0	101	33	115	0	0	352	9	613
8:15 AM	8:30 AM	0	0	0	7	0	88	29	99	0	0	336	11	570
8:30 AM	8:45 AM	0	0	0	2	0	75	18	108	0	0	275	9	487
8:45 AM	9:00 AM	0	0	0	6	0	81	23	87	0	0	241	8	446

Total for:	7:00 AM	8:00 AM	0	0	0	22	0	410	142	441	0	0	1450	25	2490
Total for:	8:00 AM	9:00 AM	0	0	0	18	0	345	103	409	0	0	1204	37	2116
Tota Peak Hour:	7:15 AM	8:15 AM	0	0	0	18	0	415	150	482	0	0	1442	28	2535
Overall PHF:	0.96														

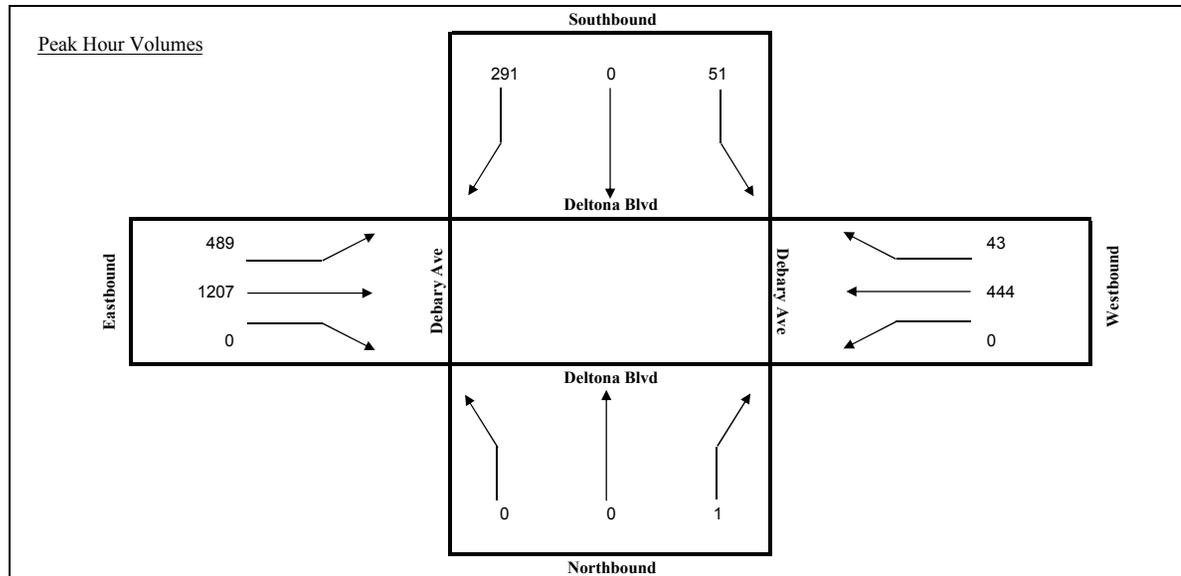


TURNING MOVEMENT COUNT ANALYSIS
AUTOS & TRUCKS

Intersection (N/S): Deltona Blvd
Intersection (E/W): Debary Ave
Date: 5/7/2015

Start	End	Deltona Blvd			Deltona Blvd			Debary Ave			Debary Ave			TOTAL
		L	T	R	L	T	R	L	T	R	L	T	R	
4:00 PM	4:15 PM	0	0	0	9	0	53	88	274	0	0	115	3	542
4:15 PM	4:30 PM	0	0	1	11	0	62	115	280	0	0	99	4	572
4:30 PM	4:45 PM	0	0	1	12	0	70	121	242	0	0	102	5	553
4:45 PM	5:00 PM	0	0	0	14	0	80	133	230	0	0	109	9	575
5:00 PM	5:15 PM	0	0	0	11	0	74	115	298	0	0	102	11	611
5:15 PM	5:30 PM	0	0	1	15	0	72	122	341	0	0	125	8	684
5:30 PM	5:45 PM	0	0	0	11	0	65	119	338	0	0	108	15	656
5:45 PM	6:00 PM	0	0	0	15	0	57	94	274	0	0	123	9	572

Total for:	4:00 PM	5:00 PM	0	0	2	46	0	265	457	1026	0	0	425	21	2242
Total for:	5:00 PM	6:00 PM	0	0	1	52	0	268	450	1251	0	0	458	43	2523
Tota Peak Hour:	4:45 PM	5:45 PM	0	0	1	51	0	291	489	1207	0	0	444	43	2526
Overall PHF:	0.92														



TURNING MOVEMENT COUNT ANALYSIS
AUTOS & TRUCKS

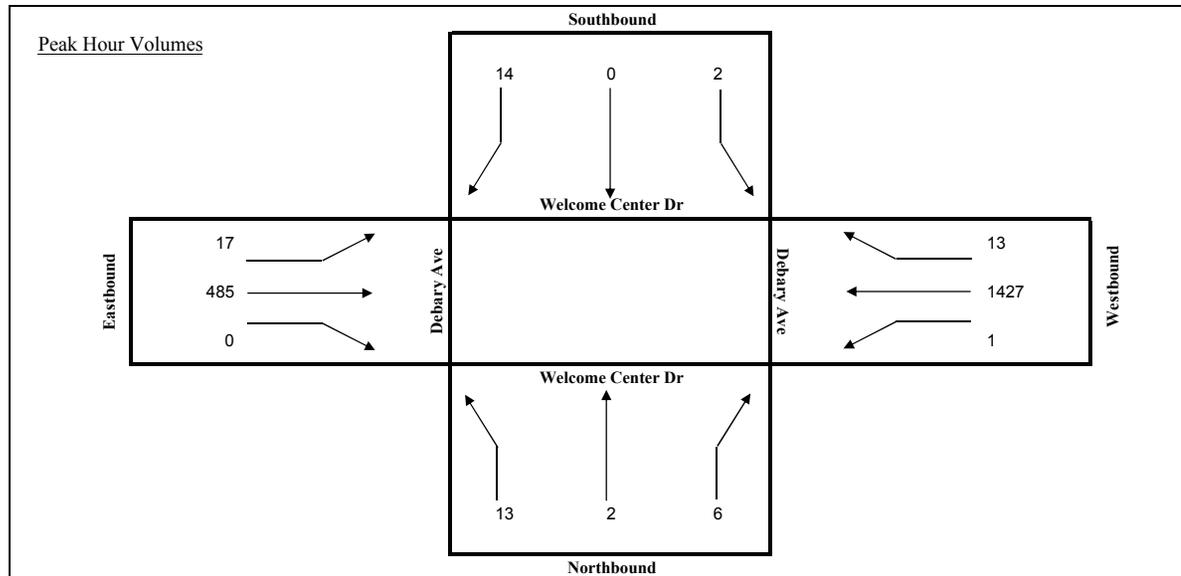
Intersection (N/S): Welcome Center Dr

Intersection (E/W): Debary Ave

Date: 5/7/2015

Start	End	Welcome Center Dr			Welcome Center Dr			Debary Ave			Debary Ave			TOTAL
		L	T	R	L	T	R	L	T	R	L	T	R	
7:00 AM	7:15 AM	2	0	0	2	0	2	2	78	0	0	357	2	445
7:15 AM	7:30 AM	1	1	3	0	0	5	2	120	0	0	370	1	503
7:30 AM	7:45 AM	5	0	1	1	0	3	5	108	0	0	337	3	463
7:45 AM	8:00 AM	4	0	0	0	0	0	3	146	0	0	375	4	532
8:00 AM	8:15 AM	3	1	2	1	0	6	7	111	0	1	345	5	482
8:15 AM	8:30 AM	3	0	0	2	0	6	6	98	2	1	328	4	450
8:30 AM	8:45 AM	2	1	1	4	0	2	5	103	1	0	270	6	395
8:45 AM	9:00 AM	4	0	3	3	0	4	6	84	0	0	246	5	355

Total for:	7:00 AM	8:00 AM	12	1	4	3	0	10	12	452	0	0	1439	10	1943
Total for:	8:00 AM	9:00 AM	12	2	6	10	0	18	24	396	3	2	1189	20	1682
Tota Peak Hour:	7:15 AM	8:15 AM	13	2	6	2	0	14	17	485	0	1	1427	13	1980
Overall PHF:	0.93														



**TURNING MOVEMENT COUNT ANALYSIS
AUTOS & TRUCKS**

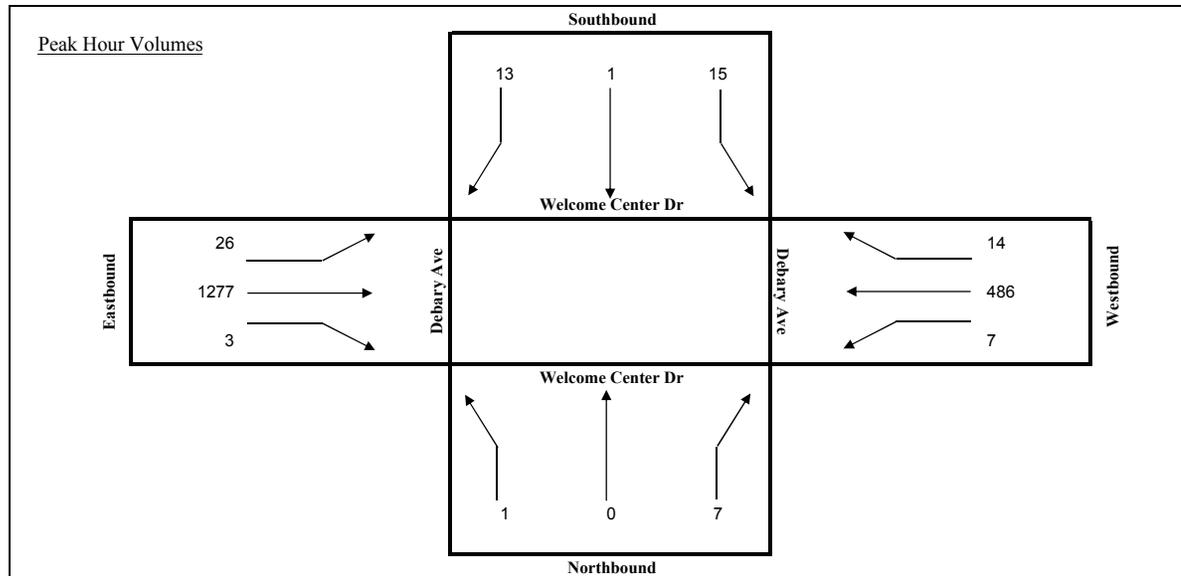
Intersection (N/S): Welcome Center Dr

Intersection (E/W): Debary Ave

Date: 5/7/2015

Start	End	Welcome Center Dr			Welcome Center Dr			Debary Ave			Debary Ave			TOTAL
		L	T	R	L	T	R	L	T	R	L	T	R	
4:00 PM	4:15 PM	1	0	2	2	0	3	2	250	0	1	116	1	378
4:15 PM	4:30 PM	0	0	1	3	1	5	5	287	2	2	101	2	409
4:30 PM	4:45 PM	1	0	0	2	0	2	6	260	0	0	103	5	379
4:45 PM	5:00 PM	2	0	3	4	0	6	3	235	4	3	116	3	379
5:00 PM	5:15 PM	0	0	0	5	1	3	8	302	0	0	107	7	433
5:15 PM	5:30 PM	0	0	2	3	0	1	5	351	1	1	130	2	496
5:30 PM	5:45 PM	1	0	2	5	0	3	6	343	1	4	121	2	488
5:45 PM	6:00 PM	0	0	3	2	0	6	7	281	1	2	128	3	433

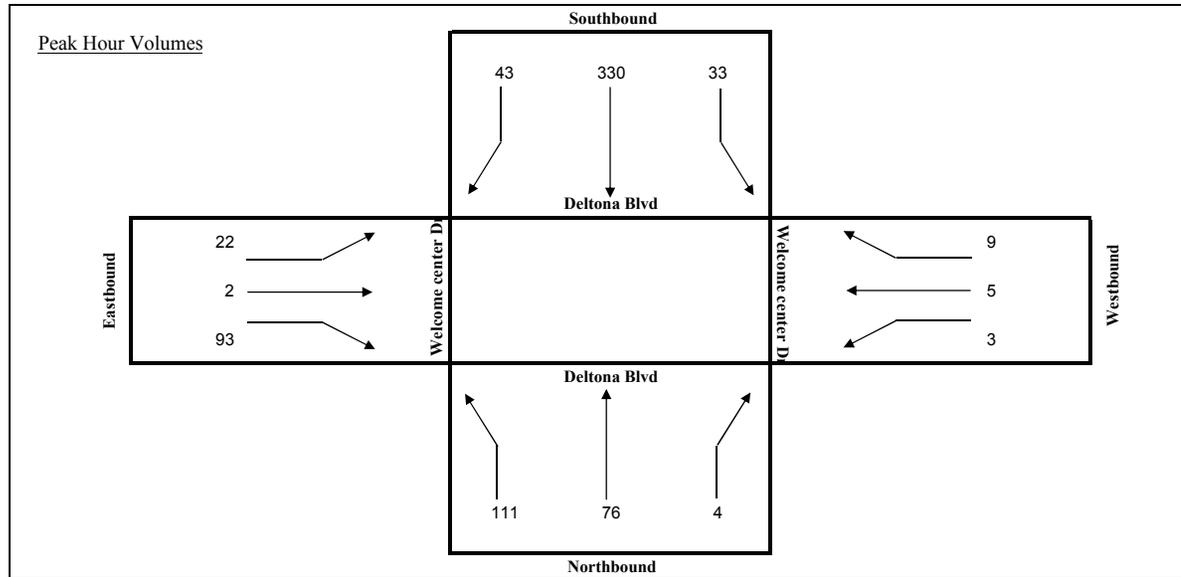
Total for:	4:00 PM	5:00 PM	4	0	6	11	1	16	16	1032	6	6	436	11	1545
Total for:	5:00 PM	6:00 PM	1	0	7	15	1	13	26	1277	3	7	486	14	1850
Tota Peak Hour:	5:00 PM	6:00 PM	1	0	7	15	1	13	26	1277	3	7	486	14	1850
Overall PHF:	0.93														



TURNING MOVEMENT COUNT ANALYSIS
AUTOS & TRUCKS

Intersection (N/S): Deltona Blvd
Intersection (E/W): Welcome center Dr
Date: 5/7/2015

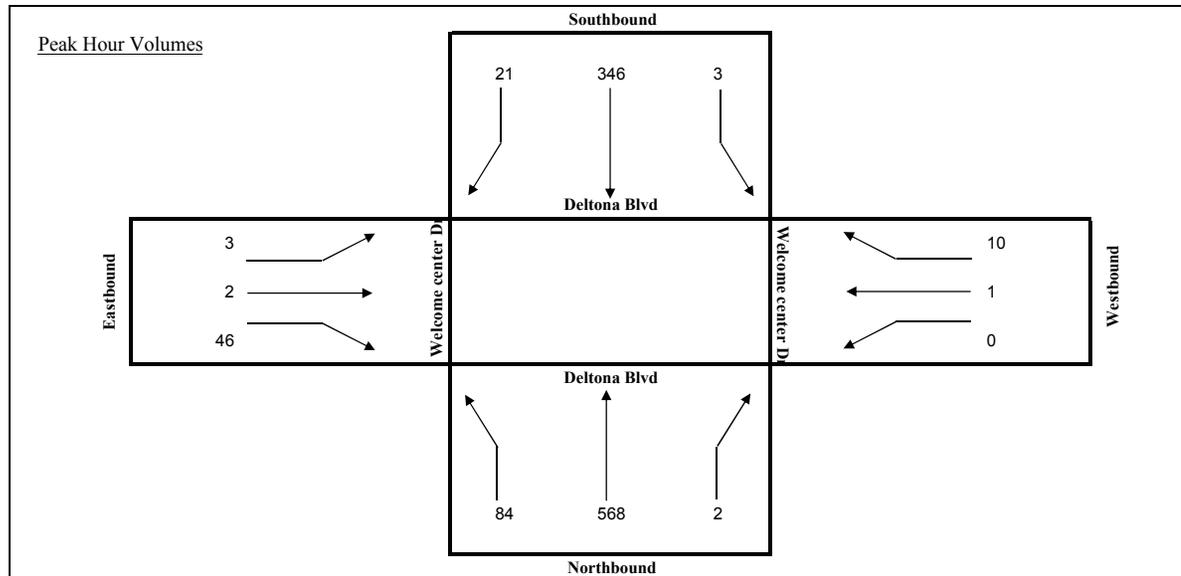
Start	End	Deltona Blvd			Deltona Blvd			Welcome center Dr			Welcome center Dr			TOTAL
		L	T	R	L	T	R	L	T	R	L	T	R	
7:00 AM	7:15 AM	15	18	1	3	85	7	1	1	20	3	1	1	156
7:15 AM	7:30 AM	24	21	0	8	90	8	2	0	27	0	0	0	180
7:30 AM	7:45 AM	33	18	2	7	81	10	7	0	24	2	2	2	188
7:45 AM	8:00 AM	29	16	2	7	75	14	7	2	24	1	3	7	187
8:00 AM	8:15 AM	25	21	0	11	84	11	6	0	18	0	0	0	176
8:15 AM	8:30 AM	28	12	1	8	70	15	5	0	30	1	2	2	174
8:30 AM	8:45 AM	18	15	0	3	59	9	7	1	22	2	1	3	140
8:45 AM	9:00 AM	20	14	1	5	73	10	2	0	17	2	3	1	148
Total for:	7:00 AM 8:00 AM	101	73	5	25	331	39	17	3	95	6	6	10	711
Total for:	8:00 AM 9:00 AM	91	62	2	27	286	45	20	1	87	5	6	6	638
Tota Peak Hour:	7:15 AM 8:15 AM	111	76	4	33	330	43	22	2	93	3	5	9	731
Overall PHF:		0.97												



TURNING MOVEMENT COUNT ANALYSIS
AUTOS & TRUCKS

Intersection (N/S): Deltona Blvd
Intersection (E/W): Welcome center Dr
Date: 5/7/2015

Start	End	Deltona Blvd			Deltona Blvd			Welcome center Dr			Welcome center Dr			TOTAL
		L	T	R	L	T	R	L	T	R	L	T	R	
4:00 PM	4:15 PM	10	91	1	0	65	2	1	0	5	0	2	1	178
4:15 PM	4:30 PM	15	119	0	0	72	5	0	1	9	0	0	2	223
4:30 PM	4:45 PM	20	126	2	1	86	7	2	0	11	0	1	1	257
4:45 PM	5:00 PM	22	142	0	0	97	6	0	1	10	0	0	0	278
5:00 PM	5:15 PM	24	122	1	1	86	7	2	0	15	0	1	6	265
5:15 PM	5:30 PM	18	150	0	0	88	3	1	0	12	0	0	3	275
5:30 PM	5:45 PM	20	154	1	2	75	5	0	1	9	0	0	1	268
5:45 PM	6:00 PM	21	103	0	0	74	4	1	0	12	0	1	3	219
Total for:	4:00 PM 5:00 PM	67	478	3	1	320	20	3	2	35	0	3	4	936
Total for:	5:00 PM 6:00 PM	83	529	2	3	323	19	4	1	48	0	2	13	1027
Tota Peak Hour:	4:45 PM 5:45 PM	84	568	2	3	346	21	3	2	46	0	1	10	1086
Overall PHF:	0.98													



COUNTY OF VOLUSIA TRAFFIC SIGNAL TIMING SHEET

LOCATION: Debary Ave/Dirksen Dr & I-4 EB Ramp
Deltona

ISOLATED:

DATE: 3/27/2015

SIGNAL #: 188

CO-ORD: X

Design By: M. Tobin

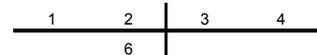
System #: 6

Controller Timing Chart

PHASE	1	2	3	4	5	6	7	8
DIRECTION	EBL	WB	NB	SB	-	EB	-	-
TURN TYPE	PERM/PROT	-	SPLIT LEAD	SPLIT LAG	-	-	-	-
MIN GREEN	5	12	5	6		12		
EXTENSION	3	3	3	4		3		
CLEARANCE	4.0	5.0	3.5	4.0		4.0		
ALL RED	2.5	2.0	2.5	2.5		2.0		
WALK	-	-	-	-		-		
FDW	-	-	-	-		-		
MAX 1	15	30	15	30		30		
MAX 2	-	-	-	-		-		
MAX 3	30	-	-	-		-		
ADJUST	10	-	-	-		-		
RECALL	-	MIN	-	-		MIN		
DETECTOR	NON-LOCK	LOCK	NON-LOCK	LOCK		LOCK		
FLASH	-	YELLOW	RED	RED		YELLOW		
SET	2	-	-	-		-		
CLEAR	2	-	-	-		-		
BASE DAY	1	2	3	4	5	6	7	
								Crosswalk Length
MON #1	TIME	00:01-06:00	06:00-09:00	09:00-14:00	14:00-19:00	19:00-00:00		
	PLAN	FREE	C301S1	C101S1	C201S1	FREE		P2
TUES#1	TIME	00:01-06:00	06:00-09:00	09:00-14:00	14:00-19:00	19:00-00:00		
	PLAN	FREE	C301S1	C101S1	C201S1	FREE		-
WED #1	TIME	00:01-06:00	06:00-09:00	09:00-14:00	14:00-19:00	19:00-00:00		
	PLAN	FREE	C301S1	C101S1	C201S1	FREE		P4
THU #1	TIME	00:01-06:00	06:00-09:00	09:00-14:00	14:00-19:00	19:00-00:00		
	PLAN	FREE	C301S1	C101S1	C201S1	FREE		-
FRI #1	TIME	00:01-06:00	06:00-09:00	09:00-14:00	14:00-19:00	19:00-00:00		
	PLAN	FREE	C301S1	C101S1	C201S1	FREE		P6
SAT #2	TIME	00:01-09:00	09:00-18:00	18:00-00:00				
	PLAN	FREE	C101S1	FREE				-
SUN #3	TIME	00:01-09:00	09:00-18:00	18:00-00:00				
	PLAN	FREE	C101S1	FREE				P8
CONTROLLER TYPE		CONDITION OF OVERHEAD			New		PROM NUMBER	
3000E		OVERHEAD STREET NAMES			NO			
PHASES:	8Φ	ILLUMINATED STREET NAMES			YES		8216A 3.7.3	
CABINET TYPE	V	PRE-EMPTION			NO		IP ADDRESS	
CABINET DATE	02/1997	PRE-EMPTION TYPE			N/A		10.77.8.34	
		LED		YES				

REMARKS:

Omit Phase 1 when Phase 2 is On



COUNTY OF VOLUSIA TRAFFIC SIGNAL TIMING SHEET

LOCATION: Debary Avenue & Deltona Blvd
Deltona

ISOLATED:

DATE: 1/15/2015

SIGNAL #: 258

CO-ORD:

Design By: M. Tobin

System #: 6

Controller Timing Chart

PHASE	1	2	3	4	5	6	7	8	
DIRECTION	EBL	WB	-	-	-	EB	-	SB	
TURN TYPE	PERM/PROT	-	-	-	-	-	-	-	
MIN GREEN	5	11				11		5	
EXTENSION	4	4				4		4	
CLEARANCE	4.5	4.5				4.5		3.5	
ALL RED	3.5	3.5				3.5		3.5	
WALK	-	-				-		7	
FDW	-	-				-		24	
MAX 1	20	35				35		20	
MAX 2						-		-	
MAX 3	-	-				-		-	
ADJUST	-	-				-		-	
RECALL	-	MIN				MIN		-	
DETECTOR	NON-LOCK	LOCK				LOCK		NON-LOCK	
FLASH	-	YELLOW				YELLOW		RED	
SET	-	-				-		-	
CLEAR	-	-				-		-	
BASE DAY	1	2	3	4	5	6	7		
MON #1	TIME	00:01-06:00	06:00-09:00	09:00-14:00	14:00-19:00	19:00-00:00			Crosswalk Length
	PLAN	FREE	C301S1	C101S1	C201S1	FREE			
TUES#1	TIME	00:01-06:00	06:00-09:00	09:00-14:00	14:00-19:00	19:00-00:00			-
	PLAN	FREE	C301S1	C101S1	C201S1	FREE			
WED #1	TIME	00:01-06:00	06:00-09:00	09:00-14:00	14:00-19:00	19:00-00:00			P4
	PLAN	FREE	C301S1	C101S1	C201S1	FREE			
THU #1	TIME	00:01-06:00	06:00-09:00	09:00-14:00	14:00-19:00	19:00-00:00			-
	PLAN	FREE	C301S1	C101S1	C201S1	FREE			
FRI #1	TIME	00:01-06:00	06:00-09:00	09:00-14:00	14:00-19:00	19:00-00:00			P6
	PLAN	FREE	C301S1	C101S1	C201S1	FREE			
SAT #2	TIME	00:01-09:00	09:00-18:00	18:00-00:00					-
	PLAN	FREE	C101S1	FREE					
SUN #3	TIME	00:01-09:00	09:00-18:00	18:00-00:00					P8
	PLAN	FREE	C101S1	FREE					
CONTROLLER TYPE		CONDITION OF OVERHEAD			New - 2010		PROM NUMBER		
3000E		OVERHEAD STREET NAMES			NO		84		
PHASES:	8Φ	ILLUMINATED STREET NAMES			YES		8216A 3.7.3		SIGNAL OWNER ⁴
CABINET TYPE	V	PRE-EMPTION			NO		IP ADDRESS		County
CABINET DATE	09/2008	PRE-EMPTION TYPE			N/A		10.77.8.35		LED -

REMARKS:

No Uturn on EB Left.

1 & 8R	2
6	8

Appendix E
Intersection Analysis Worksheets

HCM 2010 Signalized Intersection Summary

7: DeBary Ave & I4 NB Ramp

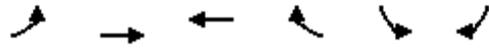
												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	128	376	1	1	1631	198	3	0	3	249	0	36
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1900	1900	1863	1900	1863	1863	1863
Adj Flow Rate, veh/h	133	392	1	1	1699	0	3	0	0	259	0	35
Adj No. of Lanes	1	2	0	1	2	0	0	1	0	2	0	1
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	354	2587	7	633	2110	0	94	0	0	386	0	172
Arrive On Green	0.08	0.71	0.71	1.00	1.00	0.00	0.05	0.00	0.00	0.11	0.00	0.11
Sat Flow, veh/h	1774	3621	9	987	3632	0	1774	0	0	3548	0	1583
Grp Volume(v), veh/h	133	192	201	1	1699	0	3	0	0	259	0	35
Grp Sat Flow(s),veh/h/ln	1774	1770	1861	987	1770	0	1774	0	0	1774	0	1583
Q Serve(g_s), s	4.1	5.6	5.6	0.0	0.0	0.0	0.3	0.0	0.0	11.3	0.0	3.2
Cycle Q Clear(g_c), s	4.1	5.6	5.6	0.0	0.0	0.0	0.3	0.0	0.0	11.3	0.0	3.2
Prop In Lane	1.00		0.00	1.00		0.00	1.00		0.00	1.00		1.00
Lane Grp Cap(c), veh/h	354	1264	1329	633	2110	0	94	0	0	386	0	172
V/C Ratio(X)	0.38	0.15	0.15	0.00	0.81	0.00	0.03	0.00	0.00	0.67	0.00	0.20
Avail Cap(c_a), veh/h	354	1264	1329	633	2110	0	94	0	0	386	0	172
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	8.6	7.4	7.4	0.0	0.0	0.0	72.3	0.0	0.0	69.0	0.0	65.4
Incr Delay (d2), s/veh	3.0	0.3	0.2	0.0	3.4	0.0	0.6	0.0	0.0	9.0	0.0	2.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.3	2.8	2.9	0.0	1.0	0.0	0.1	0.0	0.0	6.0	0.0	1.6
LnGrp Delay(d),s/veh	11.6	7.6	7.6	0.0	3.4	0.0	73.0	0.0	0.0	78.0	0.0	68.0
LnGrp LOS	B	A	A	A	A		E			E		E
Approach Vol, veh/h		526			1700			3				294
Approach Delay, s/veh		8.6			3.4			73.0				76.8
Approach LOS		A			A			E				E
Timer	1	2	3	4	5	6	7	8				
Assigned Phs		2		4		6	7	8				
Phs Duration (G+Y+Rc), s		15.0		122.0		24.0	19.0	103.0				
Change Period (Y+Rc), s		6.5		* 7		6.5	6.5	7.0				
Max Green Setting (Gmax), s		8.5		* 1.2E2		17.5	12.5	95.0				
Max Q Clear Time (g_c+I1), s		2.3		7.6		13.3	6.1	2.0				
Green Ext Time (p_c), s		0.0		30.5		0.4	0.1	29.7				
Intersection Summary												
HCM 2010 Ctrl Delay				13.1								
HCM 2010 LOS				B								
Notes												
User approved volume balancing among the lanes for turning movement.												

HCM 2010 Signalized Intersection Summary

7: DeBary Ave & I4 NB Ramp

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	131	395	1	1	1678	206	3	0	3	264	0	37
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1900	1900	1863	1900	1863	1863	1863
Adj Flow Rate, veh/h	136	411	1	1	1748	0	3	0	0	275	0	8
Adj No. of Lanes	1	2	0	1	2	0	0	1	0	2	0	1
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	346	2587	6	623	2110	0	94	0	0	386	0	172
Arrive On Green	0.08	0.71	0.71	1.00	1.00	0.00	0.05	0.00	0.00	0.11	0.00	0.11
Sat Flow, veh/h	1774	3622	9	970	3632	0	1774	0	0	3548	0	1583
Grp Volume(v), veh/h	136	201	211	1	1748	0	3	0	0	275	0	8
Grp Sat Flow(s),veh/h/ln	1774	1770	1861	970	1770	0	1774	0	0	1774	0	1583
Q Serve(g_s), s	4.2	5.9	5.9	0.0	0.0	0.0	0.3	0.0	0.0	12.1	0.0	0.7
Cycle Q Clear(g_c), s	4.2	5.9	5.9	0.0	0.0	0.0	0.3	0.0	0.0	12.1	0.0	0.7
Prop In Lane	1.00		0.00	1.00		0.00	1.00		0.00	1.00		1.00
Lane Grp Cap(c), veh/h	346	1264	1329	623	2110	0	94	0	0	386	0	172
V/C Ratio(X)	0.39	0.16	0.16	0.00	0.83	0.00	0.03	0.00	0.00	0.71	0.00	0.05
Avail Cap(c_a), veh/h	346	1264	1329	623	2110	0	94	0	0	386	0	172
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	8.6	7.4	7.4	0.0	0.0	0.0	72.3	0.0	0.0	69.3	0.0	64.3
Incr Delay (d2), s/veh	3.3	0.3	0.3	0.0	3.9	0.0	0.6	0.0	0.0	10.7	0.0	0.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.3	2.9	3.1	0.0	1.1	0.0	0.1	0.0	0.0	6.5	0.0	0.3
LnGrp Delay(d),s/veh	11.9	7.7	7.7	0.0	3.9	0.0	73.0	0.0	0.0	80.0	0.0	64.8
LnGrp LOS	B	A	A	A	A		E			F		E
Approach Vol, veh/h		548			1749			3				283
Approach Delay, s/veh		8.7			3.9			73.0				79.6
Approach LOS		A			A			E				E
Timer	1	2	3	4	5	6	7	8				
Assigned Phs		2		4		6	7	8				
Phs Duration (G+Y+Rc), s		15.0		122.0		24.0	19.0	103.0				
Change Period (Y+Rc), s		6.5		* 7		6.5	6.5	7.0				
Max Green Setting (Gmax), s		8.5		* 1.2E2		17.5	12.5	95.0				
Max Q Clear Time (g_c+I1), s		2.3		7.9		14.1	6.2	2.0				
Green Ext Time (p_c), s		0.0		32.9		0.3	0.2	32.0				
Intersection Summary												
HCM 2010 Ctrl Delay			13.3									
HCM 2010 LOS			B									
Notes												
User approved pedestrian interval to be less than phase max green.												

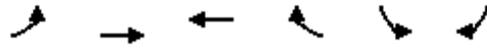
HCM 2010 Signalized Intersection Summary 3: DeBary Ave & Deltona Blvd



Movement	EBL	EBT	WBT	WBR	SBL	SBR		
Lane Configurations								
Volume (veh/h)	150	482	1442	28	18	415		
Number	7	4	8	18	1	16		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1863	1863	1900	1863	1863		
Adj Flow Rate, veh/h	156	502	1502	29	19	301		
Adj No. of Lanes	1	2	2	0	1	1		
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96		
Percent Heavy Veh, %	2	2	2	2	2	2		
Cap, veh/h	366	2898	2375	46	150	292		
Arrive On Green	0.10	0.82	0.67	0.67	0.08	0.08		
Sat Flow, veh/h	1774	3632	3645	69	1774	1583		
Grp Volume(v), veh/h	156	502	748	783	19	301		
Grp Sat Flow(s),veh/h/ln	1774	1770	1770	1851	1774	1583		
Q Serve(g_s), s	3.4	4.8	38.8	38.9	1.6	13.5		
Cycle Q Clear(g_c), s	3.4	4.8	38.8	38.9	1.6	13.5		
Prop In Lane	1.00			0.04	1.00	1.00		
Lane Grp Cap(c), veh/h	366	2898	1183	1238	150	292		
V/C Ratio(X)	0.43	0.17	0.63	0.63	0.13	1.03		
Avail Cap(c_a), veh/h	366	2898	1183	1238	150	292		
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00		
Uniform Delay (d), s/veh	13.9	3.1	15.2	15.2	67.8	65.3		
Incr Delay (d2), s/veh	3.6	0.1	2.6	2.5	1.7	60.9		
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		
%ile BackOfQ(50%),veh/ln	3.6	2.4	19.7	20.7	0.9	28.4		
LnGrp Delay(d),s/veh	17.5	3.2	17.8	17.7	69.5	126.2		
LnGrp LOS	B	A	B	B	E	F		
Approach Vol, veh/h		658	1531		320			
Approach Delay, s/veh		6.6	17.7		122.8			
Approach LOS		A	B		F			
Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				139.0		21.0	24.0	115.0
Change Period (Y+Rc), s				8.0		7.5	8.0	8.0
Max Green Setting (Gmax), s				131.0		13.5	16.0	107.0
Max Q Clear Time (g_c+I1), s				6.8		15.5	5.4	40.9
Green Ext Time (p_c), s				25.7		0.0	0.3	23.5
Intersection Summary								
HCM 2010 Ctrl Delay			28.2					
HCM 2010 LOS			C					

HCM 2010 Signalized Intersection Summary

3: DeBary Ave & Deltona Blvd



Movement	EBL	EBT	WBT	WBR	SBL	SBR		
Lane Configurations								
Volume (veh/h)	183	480	1459	49	38	453		
Number	7	4	8	18	1	16		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1863	1863	1900	1863	1863		
Adj Flow Rate, veh/h	191	500	1520	51	40	331		
Adj No. of Lanes	1	2	2	0	1	1		
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96		
Percent Heavy Veh, %	2	2	2	2	2	2		
Cap, veh/h	357	2898	2337	78	150	292		
Arrive On Green	0.10	0.82	0.67	0.67	0.08	0.08		
Sat Flow, veh/h	1774	3632	3588	117	1774	1583		
Grp Volume(v), veh/h	191	500	768	803	40	331		
Grp Sat Flow(s),veh/h/ln	1774	1770	1770	1842	1774	1583		
Q Serve(g_s), s	4.2	4.8	40.6	40.9	3.4	13.5		
Cycle Q Clear(g_c), s	4.2	4.8	40.6	40.9	3.4	13.5		
Prop In Lane	1.00			0.06	1.00	1.00		
Lane Grp Cap(c), veh/h	357	2898	1183	1232	150	292		
V/C Ratio(X)	0.54	0.17	0.65	0.65	0.27	1.13		
Avail Cap(c_a), veh/h	357	2898	1183	1232	150	292		
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00		
Uniform Delay (d), s/veh	18.2	3.1	15.5	15.6	68.6	65.3		
Incr Delay (d2), s/veh	5.7	0.1	2.8	2.7	4.3	93.8		
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		
%ile BackOfQ(50%),veh/ln	6.0	2.3	20.5	21.7	1.8	31.1		
LnGrp Delay(d),s/veh	23.9	3.2	18.3	18.2	72.9	159.0		
LnGrp LOS	C	A	B	B	E	F		
Approach Vol, veh/h		691	1571		371			
Approach Delay, s/veh		8.9	18.3		149.7			
Approach LOS		A	B		F			
Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				139.0		21.0	24.0	115.0
Change Period (Y+Rc), s				8.0		7.5	8.0	8.0
Max Green Setting (Gmax), s				131.0		13.5	16.0	107.0
Max Q Clear Time (g_c+I1), s				6.8		15.5	6.2	42.9
Green Ext Time (p_c), s				27.2		0.0	0.3	24.3
Intersection Summary								
HCM 2010 Ctrl Delay			34.3					
HCM 2010 LOS			C					

HCM 2010 TWSC
 5: DeBary Ave & Welcome Center

Intersection												
Int Delay, s/veh	0.5											

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	17	485	0	1	1427	13	13	2	6	2	0	14
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None									
Storage Length	300	-	-	0	-	-	-	-	-	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	1	-	-	1	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	18	522	0	1	1534	14	14	2	6	2	0	15

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1548	0	0	522	0	0	1327	2109	261	1842	2102	774
Stage 1	-	-	-	-	-	-	558	558	-	1544	1544	-
Stage 2	-	-	-	-	-	-	769	1551	-	298	558	-
Critical Hdwy	4.14	-	-	4.14	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	424	-	-	1041	-	-	113	51	738	47	51	341
Stage 1	-	-	-	-	-	-	482	510	-	120	175	-
Stage 2	-	-	-	-	-	-	360	173	-	686	510	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	424	-	-	1041	-	-	104	49	738	44	49	341
Mov Cap-2 Maneuver	-	-	-	-	-	-	220	123	-	98	134	-
Stage 1	-	-	-	-	-	-	462	488	-	115	175	-
Stage 2	-	-	-	-	-	-	344	173	-	648	488	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.5	0	20.7	19.3
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	252	424	-	-	1041	-	-	98	341
HCM Lane V/C Ratio	0.09	0.043	-	-	0.001	-	-	0.022	0.044
HCM Control Delay (s)	20.7	13.9	-	-	8.5	-	-	42.6	16
HCM Lane LOS	C	B	-	-	A	-	-	E	C
HCM 95th %tile Q(veh)	0.3	0.1	-	-	0	-	-	0.1	0.1

HCM 2010 TWSC
 5: DeBary Ave & Welcome Center

Intersection												
Int Delay, s/veh	1.2											

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	29	491	0	1	1444	37	13	2	6	18	0	34
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None									
Storage Length	300	-	-	0	-	-	-	-	-	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	1	-	-	1	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	31	528	0	1	1553	40	14	2	6	19	0	37

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1592	0	0	528	0	0	1368	2185	264	1902	2165	796
Stage 1	-	-	-	-	-	-	590	590	-	1575	1575	-
Stage 2	-	-	-	-	-	-	778	1595	-	327	590	-
Critical Hdwy	4.14	-	-	4.14	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	408	-	-	1035	-	-	106	45	734	42	47	330
Stage 1	-	-	-	-	-	-	461	493	-	115	169	-
Stage 2	-	-	-	-	-	-	355	165	-	660	493	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	408	-	-	1035	-	-	89	42	734	39	43	330
Mov Cap-2 Maneuver	-	-	-	-	-	-	194	107	-	90	127	-
Stage 1	-	-	-	-	-	-	426	456	-	106	169	-
Stage 2	-	-	-	-	-	-	315	165	-	602	456	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.8	0	22.9	30.6
HCM LOS			C	D

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	224	408	-	-	1035	-	-	90	330
HCM Lane V/C Ratio	0.101	0.076	-	-	0.001	-	-	0.215	0.111
HCM Control Delay (s)	22.9	14.6	-	-	8.5	-	-	55.6	17.3
HCM Lane LOS	C	B	-	-	A	-	-	F	C
HCM 95th %tile Q(veh)	0.3	0.2	-	-	0	-	-	0.8	0.4

HCM 2010 TWSC
 10: Deltona Blvd & Welcome Center

Intersection												
Int Delay, s/veh	3.9											

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	22	2	93	3	5	9	111	76	4	33	330	43
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	0	-	-	0	100	-	0	0	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	97	97	97	97	97	97	97	97	97	97	97	97
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	23	2	96	3	5	9	114	78	4	34	340	44

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	718	715	340	716	715	78	340	0	0	78	0	0
Stage 1	408	408	-	307	307	-	-	-	-	-	-	-
Stage 2	310	307	-	409	408	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	344	356	702	345	356	983	1219	-	-	1520	-	-
Stage 1	620	597	-	703	661	-	-	-	-	-	-	-
Stage 2	700	661	-	619	597	-	-	-	-	-	-	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	307	315	702	271	315	983	1219	-	-	1520	-	-
Mov Cap-2 Maneuver	307	315	-	271	315	-	-	-	-	-	-	-
Stage 1	562	584	-	637	599	-	-	-	-	-	-	-
Stage 2	623	599	-	521	584	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	12.3	12.8	4.8	0.6
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1219	-	-	308	702	297	983	1520	-	-
HCM Lane V/C Ratio	0.094	-	-	0.08	0.137	0.028	0.009	0.022	-	-
HCM Control Delay (s)	8.3	-	-	17.7	10.9	17.5	8.7	7.4	-	-
HCM Lane LOS	A	-	-	C	B	C	A	A	-	-
HCM 95th %tile Q(veh)	0.3	-	-	0.3	0.5	0.1	0	0.1	-	-

HCM 2010 TWSC
 10: Deltona Blvd & Welcome Center

Intersection												
Int Delay, s/veh	3.8											

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	22	2	95	3	5	11	113	86	4	36	345	44
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	0	-	-	0	75	-	0	0	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	97	97	97	97	97	97	97	97	97	97	97	97
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	23	2	98	3	5	11	116	89	4	37	356	45

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	754	752	356	753	752	89	356	0	0	89	0	0
Stage 1	430	430	-	322	322	-	-	-	-	-	-	-
Stage 2	324	322	-	431	430	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	326	339	688	326	339	969	1203	-	-	1506	-	-
Stage 1	603	583	-	690	651	-	-	-	-	-	-	-
Stage 2	688	651	-	603	583	-	-	-	-	-	-	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	289	299	688	253	299	969	1203	-	-	1506	-	-
Mov Cap-2 Maneuver	289	299	-	253	299	-	-	-	-	-	-	-
Stage 1	545	569	-	623	588	-	-	-	-	-	-	-
Stage 2	609	588	-	503	569	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	12.6	12.8	4.6	0.6
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1203	-	-	290	688	280	969	1506	-	-
HCM Lane V/C Ratio	0.097	-	-	0.085	0.142	0.029	0.012	0.025	-	-
HCM Control Delay (s)	8.3	-	-	18.6	11.1	18.2	8.8	7.5	-	-
HCM Lane LOS	A	-	-	C	B	C	A	A	-	-
HCM 95th %tile Q(veh)	0.3	-	-	0.3	0.5	0.1	0	0.1	-	-

HCM 2010 TWSC
13: Deltona Blvd & Dvwy

Intersection

Int Delay, s/veh 1.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Vol, veh/h	59	24	179	67	16	427
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	175	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	62	25	188	71	17	449

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	671	94	0	0	188	0
Stage 1	188	-	-	-	-	-
Stage 2	483	-	-	-	-	-
Critical Hdwy	6.63	6.93	-	-	4.14	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.319	-	-	2.22	-
Pot Cap-1 Maneuver	405	945	-	-	1384	-
Stage 1	826	-	-	-	-	-
Stage 2	619	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	399	945	-	-	1384	-
Mov Cap-2 Maneuver	493	-	-	-	-	-
Stage 1	826	-	-	-	-	-
Stage 2	609	-	-	-	-	-

Approach	WB		NB		SB
HCM Control Delay, s	12.1		0		0.3
HCM LOS	B				

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	493	945	1384	-
HCM Lane V/C Ratio	-	-	0.126	0.027	0.012	-
HCM Control Delay (s)	-	-	13.4	8.9	7.6	0
HCM Lane LOS	-	-	B	A	A	A
HCM 95th %tile Q(veh)	-	-	0.4	0.1	0	-

HCM 2010 TWSC
 17: Welcome Center & Dvwy

Intersection

Int Delay, s/veh 4.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Vol, veh/h	2	36	36	33	16	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	38	38	35	17	2

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	129	18	19	0	-	0
Stage 1	18	-	-	-	-	-
Stage 2	111	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	865	1061	1597	-	-	-
Stage 1	1005	-	-	-	-	-
Stage 2	914	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	844	1061	1597	-	-	-
Mov Cap-2 Maneuver	844	-	-	-	-	-
Stage 1	1005	-	-	-	-	-
Stage 2	892	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	8.6	3.8	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1597	-	1047	-	-
HCM Lane V/C Ratio	0.024	-	0.038	-	-
HCM Control Delay (s)	7.3	0	8.6	-	-
HCM Lane LOS	A	A	A	-	-
HCM 95th %tile Q(veh)	0.1	-	0.1	-	-

HCM 2010 Signalized Intersection Summary
 7: DeBary Ave & I4 NB Ramp

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		 			 			 			 	
Volume (veh/h)	121	678	0	7	603	117	4	3	1	1022	4	87
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1900	1900	1863	1900	1863	1863	1863
Adj Flow Rate, veh/h	132	737	0	8	655	0	4	3	1	1114	0	95
Adj No. of Lanes	1	2	0	1	2	0	0	1	0	2	0	1
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	276	1400	0	233	877	0	73	55	18	1250	0	558
Arrive On Green	0.09	0.40	0.00	0.08	0.08	0.00	0.08	0.08	0.08	0.35	0.00	0.35
Sat Flow, veh/h	1774	3632	0	718	3632	0	890	667	222	3548	0	1583
Grp Volume(v), veh/h	132	737	0	8	655	0	8	0	0	1114	0	95
Grp Sat Flow(s),veh/h/ln	1774	1770	0	718	1770	0	1779	0	0	1774	0	1583
Q Serve(g_s), s	5.9	18.3	0.0	1.2	20.8	0.0	0.5	0.0	0.0	34.1	0.0	4.8
Cycle Q Clear(g_c), s	5.9	18.3	0.0	2.5	20.8	0.0	0.5	0.0	0.0	34.1	0.0	4.8
Prop In Lane	1.00		0.00	1.00		0.00	0.50		0.12	1.00		1.00
Lane Grp Cap(c), veh/h	276	1400	0	233	877	0	147	0	0	1250	0	558
V/C Ratio(X)	0.48	0.53	0.00	0.03	0.75	0.00	0.05	0.00	0.00	0.89	0.00	0.17
Avail Cap(c_a), veh/h	276	1400	0	233	877	0	147	0	0	1250	0	558
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	28.5	26.5	0.0	41.4	49.3	0.0	48.6	0.0	0.0	35.2	0.0	25.7
Incr Delay (d2), s/veh	5.8	1.4	0.0	0.3	5.8	0.0	0.7	0.0	0.0	9.9	0.0	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.3	9.2	0.0	0.3	10.9	0.0	0.3	0.0	0.0	18.4	0.0	2.2
LnGrp Delay(d),s/veh	34.3	27.9	0.0	41.7	55.0	0.0	49.3	0.0	0.0	45.0	0.0	26.3
LnGrp LOS	C	C		D	E		D			D		C
Approach Vol, veh/h		869			663			8			1209	
Approach Delay, s/veh		28.9			54.9			49.3			43.6	
Approach LOS		C			D			D			D	
Timer	1	2	3	4	5	6	7	8				
Assigned Phs		2		4		6	7	8				
Phs Duration (G+Y+Rc), s		16.0		52.0		47.0	17.0	35.0				
Change Period (Y+Rc), s		6.5		6.5		6.5	6.5	6.5				
Max Green Setting (Gmax), s		9.5		45.5		40.5	10.5	28.5				
Max Q Clear Time (g_c+I1), s		2.5		20.3		36.1	7.9	22.8				
Green Ext Time (p_c), s		0.0		9.9		2.2	0.1	3.8				
Intersection Summary												
HCM 2010 Ctrl Delay				41.7								
HCM 2010 LOS				D								
Notes												
User approved volume balancing among the lanes for turning movement.												

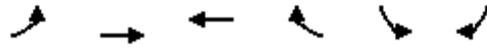
HCM 2010 Signalized Intersection Summary

7: DeBary Ave & I4 NB Ramp

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	123	710	0	7	633	124	4	3	1	1055	4	89
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1900	1900	1863	1900	1863	1863	1863
Adj Flow Rate, veh/h	134	772	0	8	688	0	4	3	1	1150	0	97
Adj No. of Lanes	1	2	0	1	2	0	0	1	0	2	0	1
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	266	1394	0	219	873	0	73	55	18	1244	0	555
Arrive On Green	0.09	0.39	0.00	0.08	0.08	0.00	0.08	0.08	0.08	0.35	0.00	0.35
Sat Flow, veh/h	1774	3632	0	695	3632	0	890	667	222	3548	0	1583
Grp Volume(v), veh/h	134	772	0	8	688	0	8	0	0	1150	0	97
Grp Sat Flow(s),veh/h/ln	1774	1770	0	695	1770	0	1779	0	0	1774	0	1583
Q Serve(g_s), s	6.1	19.5	0.0	1.2	22.0	0.0	0.5	0.0	0.0	36.0	0.0	4.9
Cycle Q Clear(g_c), s	6.1	19.5	0.0	3.8	22.0	0.0	0.5	0.0	0.0	36.0	0.0	4.9
Prop In Lane	1.00		0.00	1.00		0.00	0.50		0.12	1.00		1.00
Lane Grp Cap(c), veh/h	266	1394	0	219	873	0	146	0	0	1244	0	555
V/C Ratio(X)	0.50	0.55	0.00	0.04	0.79	0.00	0.05	0.00	0.00	0.92	0.00	0.17
Avail Cap(c_a), veh/h	266	1394	0	219	873	0	146	0	0	1244	0	555
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	29.0	27.1	0.0	42.9	50.1	0.0	48.9	0.0	0.0	36.0	0.0	25.9
Incr Delay (d2), s/veh	6.7	1.6	0.0	0.3	7.1	0.0	0.7	0.0	0.0	12.8	0.0	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.4	9.9	0.0	0.3	11.7	0.0	0.3	0.0	0.0	19.8	0.0	2.2
LnGrp Delay(d),s/veh	35.7	28.7	0.0	43.2	57.2	0.0	49.6	0.0	0.0	48.9	0.0	26.6
LnGrp LOS	D	C		D	E		D			D		C
Approach Vol, veh/h		906			696			8				1247
Approach Delay, s/veh		29.8			57.0			49.6				47.1
Approach LOS		C			E			D				D
Timer	1	2	3	4	5	6	7	8				
Assigned Phs		2		4		6	7	8				
Phs Duration (G+Y+Rc), s		16.0		52.5		47.0	17.0	35.5				
Change Period (Y+Rc), s		6.5		* 7		6.5	6.5	7.0				
Max Green Setting (Gmax), s		9.5		* 46		40.5	10.5	28.0				
Max Q Clear Time (g_c+I1), s		2.5		21.5		38.0	8.1	24.0				
Green Ext Time (p_c), s		0.0		10.3		1.4	0.1	2.8				
Intersection Summary												
HCM 2010 Ctrl Delay				44.0								
HCM 2010 LOS				D								
Notes												
User approved volume balancing among the lanes for turning movement.												

HCM 2010 Signalized Intersection Summary

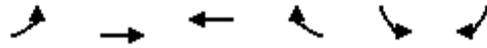
3: DeBary Ave & Deltona Blvd



Movement	EBL	EBT	WBT	WBR	SBL	SBR		
Lane Configurations								
Volume (veh/h)	489	1207	444	43	51	291		
Number	7	4	8	18	1	16		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1863	1863	1900	1863	1863		
Adj Flow Rate, veh/h	532	1312	483	47	55	216		
Adj No. of Lanes	1	2	2	0	1	1		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92		
Percent Heavy Veh, %	2	2	2	2	2	2		
Cap, veh/h	930	2631	865	84	255	895		
Arrive On Green	0.84	1.00	0.27	0.27	0.14	0.14		
Sat Flow, veh/h	1774	3632	3353	316	1774	1583		
Grp Volume(v), veh/h	532	1312	261	269	55	216		
Grp Sat Flow(s),veh/h/ln	1774	1770	1770	1807	1774	1583		
Q Serve(g_s), s	6.9	0.0	14.6	14.8	3.2	7.9		
Cycle Q Clear(g_c), s	6.9	0.0	14.6	14.8	3.2	7.9		
Prop In Lane	1.00			0.17	1.00	1.00		
Lane Grp Cap(c), veh/h	930	2631	469	479	255	895		
V/C Ratio(X)	0.57	0.50	0.56	0.56	0.22	0.24		
Avail Cap(c_a), veh/h	930	2631	469	479	255	895		
HCM Platoon Ratio	2.00	2.00	1.00	1.00	1.00	1.00		
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00		
Uniform Delay (d), s/veh	2.0	0.0	36.4	36.5	43.5	12.6		
Incr Delay (d2), s/veh	2.6	0.7	4.7	4.7	1.9	0.6		
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		
%ile BackOfQ(50%),veh/ln	3.3	0.2	7.7	8.0	1.7	10.0		
LnGrp Delay(d),s/veh	4.6	0.7	41.1	41.1	45.5	13.2		
LnGrp LOS	A	A	D	D	D	B		
Approach Vol, veh/h		1844	530		271			
Approach Delay, s/veh		1.8	41.1		19.8			
Approach LOS		A	D		B			
Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				92.0		23.0	55.0	37.0
Change Period (Y+Rc), s				6.5		6.5	6.5	6.5
Max Green Setting (Gmax), s				85.5		16.5	48.5	30.5
Max Q Clear Time (g_c+I1), s				2.0		9.9	8.9	16.8
Green Ext Time (p_c), s				20.5		0.5	1.7	9.3
Intersection Summary								
HCM 2010 Ctrl Delay			11.5					
HCM 2010 LOS			B					

HCM 2010 Signalized Intersection Summary

3: DeBary Ave & Deltona Blvd



Movement	EBL	EBT	WBT	WBR	SBL	SBR		
Lane Configurations								
Volume (veh/h)	537	1216	438	69	77	335		
Number	7	4	8	18	1	16		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1863	1863	1900	1863	1863		
Adj Flow Rate, veh/h	584	1322	476	75	84	264		
Adj No. of Lanes	1	2	2	0	1	1		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92		
Percent Heavy Veh, %	2	2	2	2	2	2		
Cap, veh/h	908	2585	773	121	231	874		
Arrive On Green	0.42	0.73	0.25	0.25	0.13	0.13		
Sat Flow, veh/h	1774	3632	3160	481	1774	1583		
Grp Volume(v), veh/h	584	1322	274	277	84	264		
Grp Sat Flow(s),veh/h/ln	1774	1770	1770	1778	1774	1583		
Q Serve(g_s), s	17.4	18.5	15.7	15.9	5.0	10.3		
Cycle Q Clear(g_c), s	17.4	18.5	15.7	15.9	5.0	10.3		
Prop In Lane	1.00			0.27	1.00	1.00		
Lane Grp Cap(c), veh/h	908	2585	446	448	231	874		
V/C Ratio(X)	0.64	0.51	0.61	0.62	0.36	0.30		
Avail Cap(c_a), veh/h	908	2585	446	448	231	874		
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00		
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00		
Uniform Delay (d), s/veh	11.3	6.7	38.0	38.1	45.6	13.8		
Incr Delay (d2), s/veh	3.5	0.7	6.2	6.3	4.4	0.9		
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0		
%ile BackOfQ(50%),veh/ln	9.2	9.1	8.4	8.6	2.7	12.4		
LnGrp Delay(d),s/veh	14.8	7.4	44.2	44.4	50.0	14.7		
LnGrp LOS	B	A	D	D	D	B		
Approach Vol, veh/h		1906	551		348			
Approach Delay, s/veh		9.6	44.3		23.2			
Approach LOS		A	D		C			
Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				92.0		23.0	55.0	37.0
Change Period (Y+Rc), s				8.0		8.0	6.5	8.0
Max Green Setting (Gmax), s				84.0		15.0	48.5	29.0
Max Q Clear Time (g_c+I1), s				20.5		12.3	19.4	17.9
Green Ext Time (p_c), s				20.3		0.3	1.9	8.0
Intersection Summary								
HCM 2010 Ctrl Delay			18.1					
HCM 2010 LOS			B					
Notes								
User approved pedestrian interval to be less than phase max green.								

HCM 2010 TWSC
 5: DeBary Ave & Welcome Center

Intersection												
Int Delay, s/veh	0.5											

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	26	1277	3	7	486	14	1	0	7	15	1	13
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None									
Storage Length	300	-	-	0	-	-	-	-	-	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	1	-	-	1	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	28	1373	3	8	523	15	1	0	8	16	1	14

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	538	0	0	1376	0	0	1708	1984	688	1287	1977	269
Stage 1	-	-	-	-	-	-	1431	1431	-	545	545	-
Stage 2	-	-	-	-	-	-	277	553	-	742	1432	-
Critical Hdwy	4.14	-	-	4.14	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1026	-	-	494	-	-	59	61	389	121	61	729
Stage 1	-	-	-	-	-	-	141	198	-	490	517	-
Stage 2	-	-	-	-	-	-	706	513	-	374	198	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1026	-	-	494	-	-	56	58	389	115	58	729
Mov Cap-2 Maneuver	-	-	-	-	-	-	116	146	-	235	143	-
Stage 1	-	-	-	-	-	-	137	193	-	477	509	-
Stage 2	-	-	-	-	-	-	680	505	-	357	193	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.2	0.2	17.3	16.7
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	301	1026	-	-	494	-	-	226	729
HCM Lane V/C Ratio	0.029	0.027	-	-	0.015	-	-	0.076	0.019
HCM Control Delay (s)	17.3	8.6	-	-	12.4	-	-	22.2	10
HCM Lane LOS	C	A	-	-	B	-	-	C	B
HCM 95th %tile Q(veh)	0.1	0.1	-	-	0	-	-	0.2	0.1

HCM 2010 TWSC
 5: DeBary Ave & Welcome Center

Intersection												
Int Delay, s/veh	1.5											

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	72	1263	3	7	496	19	1	0	7	60	1	13
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None									
Storage Length	300	-	-	0	-	-	-	-	-	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	1	-	-	1	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	77	1358	3	8	533	20	1	0	8	65	1	14

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	554	0	0	1361	0	0	1797	2084	681	1393	2075	277
Stage 1	-	-	-	-	-	-	1515	1515	-	559	559	-
Stage 2	-	-	-	-	-	-	282	569	-	834	1516	-
Critical Hdwy	4.14	-	-	4.14	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1012	-	-	501	-	-	50	52	393	101	53	720
Stage 1	-	-	-	-	-	-	125	180	-	481	509	-
Stage 2	-	-	-	-	-	-	701	504	-	329	180	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1012	-	-	501	-	-	45	47	393	92	48	720
Mov Cap-2 Maneuver	-	-	-	-	-	-	98	125	-	200	125	-
Stage 1	-	-	-	-	-	-	115	166	-	444	501	-
Stage 2	-	-	-	-	-	-	675	496	-	298	166	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.5	0.2	18	28.1
HCM LOS			C	D

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	286	1012	-	-	501	-	-	198	720
HCM Lane V/C Ratio	0.03	0.077	-	-	0.015	-	-	0.331	0.019
HCM Control Delay (s)	18	8.9	-	-	12.3	-	-	31.9	10.1
HCM Lane LOS	C	A	-	-	B	-	-	D	B
HCM 95th %tile Q(veh)	0.1	0.2	-	-	0	-	-	1.4	0.1

HCM 2010 TWSC
 10: Deltona Blvd & Welcome Center

Intersection												
Int Delay, s/veh	1.5											

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	3	2	46	0	1	10	84	507	2	3	321	21
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	0	-	-	0	100	-	0	0	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	98	98	98	98	98	98	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	3	2	47	0	1	10	86	517	2	3	328	21

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1023	1023	328	1024	1023	517	328	0	0	517	0	0
Stage 1	334	334	-	689	689	-	-	-	-	-	-	-
Stage 2	689	689	-	335	334	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	214	236	713	214	236	558	1232	-	-	1049	-	-
Stage 1	680	643	-	436	446	-	-	-	-	-	-	-
Stage 2	436	446	-	679	643	-	-	-	-	-	-	-
Platoon blocked, %												
Mov Cap-1 Maneuver	198	219	713	188	219	558	1232	-	-	1049	-	-
Mov Cap-2 Maneuver	198	219	-	188	219	-	-	-	-	-	-	-
Stage 1	633	641	-	406	415	-	-	-	-	-	-	-
Stage 2	397	415	-	630	641	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.6	12.5	1.2	0.1
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1232	-	-	206	713	219	558	1049	-	-
HCM Lane V/C Ratio	0.07	-	-	0.025	0.066	0.005	0.018	0.003	-	-
HCM Control Delay (s)	8.1	-	-	22.9	10.4	21.5	11.6	8.4	-	-
HCM Lane LOS	A	-	-	C	B	C	B	A	-	-
HCM 95th %tile Q(veh)	0.2	-	-	0.1	0.2	0	0.1	0	-	-

HCM 2010 TWSC
 10: Deltona Blvd & Welcome Center

Intersection												
Int Delay, s/veh	1.4											

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	3	2	47	0	1	13	86	527	2	6	337	21
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	0	-	-	0	75	-	0	0	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	98	98	98	98	98	98	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	3	2	48	0	1	13	88	538	2	6	344	21

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1070	1069	344	1070	1069	538	344	0	0	538	0	0
Stage 1	356	356	-	713	713	-	-	-	-	-	-	-
Stage 2	714	713	-	357	356	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	199	221	699	199	221	543	1215	-	-	1030	-	-
Stage 1	661	629	-	423	435	-	-	-	-	-	-	-
Stage 2	422	435	-	661	629	-	-	-	-	-	-	-
Platoon blocked, %												
Mov Cap-1 Maneuver	182	204	699	173	204	543	1215	-	-	1030	-	-
Mov Cap-2 Maneuver	182	204	-	173	204	-	-	-	-	-	-	-
Stage 1	613	625	-	392	403	-	-	-	-	-	-	-
Stage 2	381	403	-	610	625	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.8	12.6	1.1	0.1
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1215	-	-	190	699	204	543	1030	-	-
HCM Lane V/C Ratio	0.072	-	-	0.027	0.069	0.005	0.024	0.006	-	-
HCM Control Delay (s)	8.2	-	-	24.5	10.5	22.7	11.8	8.5	-	-
HCM Lane LOS	A	-	-	C	B	C	B	A	-	-
HCM 95th %tile Q(veh)	0.2	-	-	0.1	0.2	0	0.1	0	-	-

HCM 2010 TWSC
13: Deltona Blvd & Dvwy

Intersection

Int Delay, s/veh 1.6

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Vol, veh/h	73	30	554	83	20	360
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	175	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	77	32	583	87	21	379

Major/Minor	Minor1	Minor2	Major1	Major2	Major3	Major4
Conflicting Flow All	1004	292	0	0	583	0
Stage 1	583	-	-	-	-	-
Stage 2	421	-	-	-	-	-
Critical Hdwy	6.63	6.93	-	-	4.14	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.319	-	-	2.22	-
Pot Cap-1 Maneuver	253	705	-	-	987	-
Stage 1	522	-	-	-	-	-
Stage 2	661	-	-	-	-	-
Platoon blocked, %			-	-	-	-
Mov Cap-1 Maneuver	246	705	-	-	987	-
Mov Cap-2 Maneuver	373	-	-	-	-	-
Stage 1	522	-	-	-	-	-
Stage 2	643	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	15.1	0	0.5
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	373	705	987	-
HCM Lane V/C Ratio	-	-	0.206	0.045	0.021	-
HCM Control Delay (s)	-	-	17.1	10.3	8.7	0
HCM Lane LOS	-	-	C	B	A	A
HCM 95th %tile Q(veh)	-	-	0.8	0.1	0.1	-

HCM 2010 TWSC
 17: Welcome Center & Dvwy

Intersection

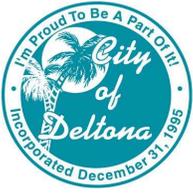
Int Delay, s/veh 4.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Vol, veh/h	3	45	45	41	30	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	3	47	47	43	32	3

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	171	33	35	0	-	0
Stage 1	33	-	-	-	-	-
Stage 2	138	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	819	1041	1576	-	-	-
Stage 1	989	-	-	-	-	-
Stage 2	889	-	-	-	-	-
Platoon blocked, %						
Mov Cap-1 Maneuver	794	1041	1576	-	-	-
Mov Cap-2 Maneuver	794	-	-	-	-	-
Stage 1	989	-	-	-	-	-
Stage 2	861	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	8.7	3.8	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1576	-	1021	-	-
HCM Lane V/C Ratio	0.03	-	0.049	-	-
HCM Control Delay (s)	7.4	0	8.7	-	-
HCM Lane LOS	A	A	A	-	-
HCM 95th %tile Q(veh)	0.1	-	0.2	-	-



Agenda Memo

AGENDA ITEM:B.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 9 - B

SUBJECT:

Public Hearing - Ordinance No. 03-2016, to update Chapter 68, Water, Wastewater and Utilities, at first reading and to schedule second reading for March 21, 2016 - Becky Vose, Legal Department, (407) 448-0111.

Strategic Goal: City infrastructure improvements and related funding.

LOCATION:

City-wide

BACKGROUND:

The ordinance is merely to make clerical changes to update the ordinance to reflect current practices and procedures.

COST:

N/A

SOURCE OF FUNDS:

N/A

ORIGINATING DEPARTMENT:

Legal Department

STAFF RECOMMENDATION PRESENTED BY:

Gerald Chancellor, Public Works (386-878-8998) - Staff recommends approval on first reading of Ordinance No. 03-2016, updating Chapter 68, Water, Wastewater and Utilities, and to schedule second and final reading for March 21, 2016.

POTENTIAL MOTION:

"I move to adopt on first reading Ordinance No. 03-2016, updating Chapter 68, Water, Wastewater and Utilities, and to schedule second and final reading for March 21, 2016."

ORDINANCE NO. 03-2016

**AN ORDINANCE OF THE CITY OF DELTONA, FLORIDA,
PERTAINING TO WATER, WASTEWATER AND
UTILITIES, AMENDING CHAPTER 68 OF THE CODE OF
ORDINANCES OF THE CITY OF DELTONA, FLORIDA
TO MAKE CLERICAL REVISIONS TO COINCIDE WITH
CURRENT PRACTICES AND PROCEDURES; PROVIDING
FOR CONFLICTS, CODIFICATION, SEVERABILITY AND
AN EFFECTIVE DATE**

BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF DELTONA,

FLORIDA:

SECTION 1: Chapter 68, "*Water, Wastewater and Utilities*" of the City's Code of Ordinances is hereby amended to read as follows:

Chapter 68 - WATER, WASTEWATER AND UTILITIES

ARTICLE I. - IN GENERAL

Secs. 68-1—68-29. - Reserved.

Sec. 68-30. - Water use restrictions.

- (a) Each of the provisions established by the St. Johns River Water Management District set forth in Rule 40C-2.042(2)(a), F.A.C. as may be amended from time to time are hereby adopted and shall be subject to enforcement action pursuant to this section. Any violation of the provisions established by the District in Rule 40C-2.042(2)(a) shall be a violation of this section.
- (b) A variance from the specific landscape irrigation day(s) set forth in Rule 40C-2.042(2)(a)1. and 2., F.A.C., may be granted if strict application of the scheduled day(s) would lead to unreasonable or unfair results in particular instances, provided that the applicant demonstrates with particularity that compliance with the scheduled day(s) will result in a substantial economic, health or other hardship on the applicant requesting the variance or those served by the applicant. Where a contiguous property is divided into different zones, a variance may be granted hereunder so that each zone may be irrigated on different day(s) than other zones of the property. However, in no event shall a variance allow a single zone to be irrigated more than two days per week during Daylight Savings Time or more than one day per week during Eastern Standard Time.
- (c) The code enforcement officials of the City of Deltona are hereby empowered to enforce the provisions of this section through the issuance of citations.
- (d) Violation of any provisions of this section shall be subject to the following penalties:

First violation	Written Warning
Second violation	\$50.00
Subsequent violations	Increased by \$50.00 for each violation, with the fine per violation not to exceed \$500.00.

Each day in violation of this section shall constitute a separate offense. The issuance of a citation pursuant to this section in no way prohibits the enforcement of this section through all other legal means, including an injunction against the violator.

Secs. 68-31—68-50. - Reserved.

ARTICLE II. - WATER AND WASTEWATER UTILITY RATE ORDINANCE

Sec. 68-51. - Title.

The Deltona City Code adopted by the City Commissioners of the City of Deltona, Florida (the "~~e~~ityCity"), is hereby amended by adding thereto a new article which may be cited as the "water and wastewater utility rate ordinance," or the "rate ordinance."

Sec. 68-52. - Findings.

In adopting this article and the rates, fees, and charges incorporated herein, the commission hereby makes and expresses the following findings, purposes and intent:

- (1) The ~~C~~eity ~~has intends to~~ issued ~~—~~revenue bonds to pay for, among other things, the acquisition, operation, maintenance, and expansion of the utility system (system). In the future the City may issue additional revenue bonds for the same or similar purposes.
- (2) In order to comply with bond covenants, the ~~e~~ityCity must set rates, fees, and charges necessary to insure that the ~~e~~ityCity will generate sufficient revenues to meet the bond covenant requirements as set forth in the Bond Resolution No. 2003-22.
- (3) The objective of the ~~C~~eity is to adopt rates and charges, which will adequately generate the revenues necessary to meet the projected fiscal requirements of the ~~e~~ityCity on an equitable basis to all classes of users.
- (4) The ~~e~~City wishes to expand the system.
- (5) The ~~e~~City is authorized to adopt water and wastewater rates, fees, and charges pursuant to ch. 180, Florida Statutes.

- (6) The eCity has provided the required public notice and held the necessary public hearing(s) in order to adopt said water, ~~and~~ wastewater and reclaimed rates, fees, and other charges.
- (7) It is just and reasonable that the cost of system should be borne by those existing and new users in accordance with applicable law.

Sec. 68-53. - Definitions.

When used in this rate ordinance, the following terms shall be defined to mean:

Applicant means the owner of real property or the person or legal entity which has the legal right to utilize real property by means of any form of ownership which real property the applicant desires to be served by water service or wastewater service. The terms "applicant," "developer" and "property owner" are synonymous and may be used interchangeably herein.

Application means a written request from an applicant requesting that, pursuant to a utility agreement, specific water service and/or wastewater service be provided to and for certain real property.

Biochemical oxygen demand or BOD means the quantity of oxygen in the biochemical oxidation of the organic matter in wastewater under standard laboratory procedures in five days at 20 degrees Centigrade, expressed in milligrams per liter. The BOD shall be determined in accordance with procedures set forth in the standard methods for the examination of water and wastewater, and as recommended by the eCity'sCity's consulting engineer.

Commission means the City Commission of Deltona, Florida.

Complete water distribution system means all component parts of a water distribution system, including all distribution mains, valves, fitting, hydrants, and services to the point of connection with the customer meter, and all other appurtenances as shown on such water distribution system.

Complete wastewater collection system means all component parts of a wastewater collection system, including all collection mains, laterals to the point of cleanout within the right-of-way or easement, force mains, lift or pumping stations, including the site for lift or pumping stations, and all other appurtenances as shown on such wastewater collection system.

Contribution-in-aid-of-construction means a sum of money as determined to be necessary by the utilities director or designee, not to exceed the eCity'sCity's cost of new construction and/or modification of the existing eCityCity water and wastewater system, necessary to provide the requested service by the developer to the subject property. Property, in lieu of money or a combination thereof, may be acceptable upon approval by the utilities director. Parties agree that the value of the property shall be determined by either the actual cost to the developer or its assessed value as determined by the utilities director or designee, whichever is lower. Water distribution and/or wastewater collection systems constructed by developer, along with the land on which it is located, shall be considered property, provided

developer covenants and agrees to transfer it in fee simple to the ~~city~~City, at no cost to the ~~city~~City, as a contribution-in-aid-of-construction.

City means City of Deltona, Florida, a municipal corporation organized under the laws of the State of Florida.

Collection facilities means the lines, pipes, and appurtenant equipment and all other related equipment or facility, of whatever type or nature, used to collect sewage from sewer facilities, buildings, structures or facilities and to transmit it to wastewater transmission facilities.

Consulting engineer means ~~Hartman and Associates or any other nationally recognized firm of consulting engineers.~~ any engineering firm in which the City has entered into an agreement for such services.

Cross connection means any physical arrangement whereby a public water supply is connected directly or indirectly with any other water supply system, sewer, drain, conduit, pool, storage reservoir, plumbing fixture, or any other device, facility or system which contains or may contain contaminated water, sewage, waste material or other material or substance of unknown or potentially unsafe quality which may be capable of imparting contamination to the public water supply as a result of backflow. Bypass arrangements, jumper connections, changeable devices or other devices through which or because of which backflow could occur are deemed to constitute cross connections.

Customer means any person, firm or corporation who has entered into an agreement to receive any combination of the following services: water, ~~or~~ wastewater, or reclaim services from the ~~C~~city and who is liable for the payment of ~~that water and wastewater~~those services provided.

Customer installations means all water and wastewater facilities which ordinarily and customarily exist on the consumers' side of the point of delivery, such as, by way or example and not limitation, curb stops and lateral connections.

Development regulations means the City of Deltona's Land Development Code.

Distribution facilities means the lines, pipes, meters, and appurtenant equipment and any other related equipment or facility, of whatever type or nature, used to distribute water from the utility to the customer for usage.

Dwelling unit means one or more rooms in a residential or commercial building which are used or intended for use as a living facility for no more than one family and generally including provisions for living, sleeping, eating, cooking, and sanitation. A hotel or motel room is not considered as a dwelling unit.

Easement means an acquired legal right for the specific use of land owned by others.

Effluent disposal facilities means those wastewater facilities necessary to detain, transmit, store, and dispose of wastewater previously treated at wastewater treatment facilities.

Engineering News-Record or ENR is a publication recognized in the construction industry worldwide for its news, analysis and data.

Equivalent residential connection or ERC means a factor used to convert a given average daily flow (ADF) to the equivalent number of residential connections. For this purpose, the ADF of one ERC is deemed to be 300 gallons per day (GPD) for wastewater service and 350 GPD for water service. The number of ERCs contained for a given ADF is initially determined hereunder by dividing that ADF by 300 GPD for wastewater or 350 GPD for water. Adjustments to these ADF calculations may be made by the eCity pursuant to recommendations by the consulting engineer.

FDEP means The Florida Department of Environmental Protection, or its successor agency.

Gallons per day or GPD means gallons per day on an annual average basis.

Hazardous waste means any substance, waste, or product that is potentially damaging to environmental health because of its toxicity, ignitability, corrosivity, chemical reactivity, radioactivity, infectious characteristics, or for any other reason.

Mains refers to a pipe, conduit or other facilities installed to convey water service to individual service lines or to other mains, or in the case of sewer lines, to convey sewer service from individual service lines to other mains.

Master meter means a single meter serving a multifamily residential or a multi-unit non-residential facility. This term includes, but is not limited to, master meters serving condominiums, apartments, mobile home parks, hotels, motels, travel trailer parks, shopping centers, and office buildings.

Meter means a device used to measure water delivered to "point of delivery" by the eCity.

Month or monthly with respect to rates and charges means the billing cycle, which approximates 30 days between meter readings.

Point of delivery or collection means the point where pipes or meters of the eCity's utility are connected to the pipes from the subject property as approved by the city utilities director or designee.

Private fire protection means the existence of separate fire connections, standpipes with hose attachments and automatic fire sprinkler systems which serve a customer.

Property means the real property owned or controlled by an applicant for which water service capacity allocation, wastewater service capacity allocation, or both, is requested.

Reclaimed water means water, treated wastewater or sewer effluent that has been appropriately treated and which, as a result of the treatment of wastes, is suitable and usable for direct beneficial uses or a controlled use by and for public agricultural, commercial, residential or industrial developments, projects or purposes including, but not limited to, irrigation purposes in green areas of developments or other appropriate uses.

Septic tank means a subsurface impervious tank designed to temporarily return wastewater or similar waterborne wastes together with:

- (1) A sewer line constructed of solid pipe, with the joints sealed, connecting the impervious tank with a plumbing stub out; and
- (2) A subsurface system of trenches, piping and other materials constructed to drain the clarified discharge from the tank and distribute it underground to be absorbed or filtered.

Service means water and/or wastewater service to a subject property and providing adequate water pressure at the point of delivery.

Service lines means the pipes of the ~~e~~City which are connected from the mains to the "point of delivery."

Service rates or rates means the ~~city's~~City's- applicable schedules of rates and charges for water, ~~and~~-wastewater and reclaim services, including, by way of illustration and not limitation, connection fees, capital charges, meter installation charges, and any and all other fees or charges which may be in effect from time-to-time adopted by the ~~city~~City. The schedules of services rates shall be of general and uniform application within the ~~city's~~City's water and wastewater utility system.

Sewage or wastewater means a combination of any type of the water-carried wastes from residences, business buildings, institutions, industrial establishments, any and all other customers facilities, together with such ground, surface and storm waters as may be present.

System means the Deltona Water and Wastewater System.

Transmission lines means those lines and appurtenance facilities used to either transmit wastewater from the collection system to wastewater treatment facilities or transmit treated wastewater to a final effluent disposal site or transmit water from water treatment and production facilities to the distribution system. Transmission lines are generally six inches or greater in size and serve or are intended to serve more than one parcel of property.

Utility agreement means a written agreement between the ~~city~~City and property owner which establishes the terms and conditions pursuant to which the ~~city~~City will provide water and/or wastewater service.

Utility facilities, facilities or installations means by way of illustration and not limitation, all equipment, fixtures, pumps, lines, mains, manholes, lift stations, pumping stations, laterals, service connections, and all appurtenances thereto together with all real property, easements and rights-of-way necessary to provide water and wastewater service to property whether located on-site or off-site.

Water and/or Wastewater capital charge also referred to as impact fees, means a fee or charge paid to the ~~city~~City by an applicant for the purpose of obtaining water or wastewater service capacity. Capital charges are utilized for the acquisition, improvements, expansion and construction of facilities deemed necessary by the ~~city~~City to furnish water and/or wastewater service capacity and related service to the property and to adequately fund capital improvements in the system.

Wastewater treatment facilities means those facilities used to treat and filter sewage prior to effluent disposal. Wastewater treatment facilities do not include any portions of the collection facilities, wastewater transmission facilities, or effluent disposal facilities.

Water service capacity means the amount of potable water which can be pumped, treated, transmitted and distributed, on an average daily basis, where such amount is measured in gallons per day and includes fire flows.

Water treatment facilities means any treatment and production facilities, including wells, plants, pumps and necessary appurtenant equipment necessary to withdraw and treat raw water in order to produce potable water.

Sec. 68-54. - Abbreviations.

The following abbreviations shall have the designated meanings:

BOD	-	Biochemical Oxygen Demand
CFR	-	Code of Federal Regulations
COD	-	Chemical Oxygen Demand
EPA	-	U.S. Environmental Protection Agency
FDEP	-	Florida Department of Environmental Protection
l	-	Liter
mg	-	Milligrams
mg/l	-	Milligrams Per Liter
NPDES	-	National Pollutant Discharge Elimination System
POTW	-	Publicly Owned Treatment Works
SIC	-	Standard Industrial Classification
USC	-	United States Code
TSS	-	Total Suspended Solids

Sec. 68-55. - General terms and conditions regarding water, ~~and~~ wastewater and reclaim service.

- (a) Policy dispute. Any dispute between the eityCity and a customer or prospective customer regarding the meaning or application of any provision of this ordinance shall, upon written request by either party, be resolved by the city manager, or his or her designee.
- (b) Signed application required. Water and wastewater service capacity may be furnished only after a signed application or agreement and payment of the applicable water and wastewater capital charges are accepted by the eityCity. The conditions of such application or agreement are binding upon the customer as well as upon the eityCity. A copy of the application or agreement for water and wastewater service accepted by the eityCity will be furnished to the applicant on request. The applicant shall furnish to the eityCity the correct name and street address and lot and block number at which water and wastewater service is to be rendered. Applications for service shall be tendered only by duly authorized parties.
- (c) Withholding service. The eityCity may withhold or discontinue water and/or wastewater service until all outstanding indebtedness to the eityCity of such household, organization, or business, for water and wastewater services, has been settled in full in accordance with eityCity policy. Service may also be discontinued for any violation of any rule or regulation set forth in Chapter 68 of the City Code of Ordinances.
- (d) Extension. Extensions will be made to the eity'sCity's facilities in compliance with utility service availability as established herein, and by any utility service availability and extension rules established hereafter. The City will make such extensions to its existing facilities as may be required by one or more customers provided the revenues to be derived there from shall be sufficient to afford a fair and reasonable return on the cost of providing and rendering the water or wastewater service. Otherwise, the eityCity will require from the customer prepayments, cash advances, minimum guarantees, service guarantees, contributions-in-aid-of-construction, or other arrangements with the customers, whereby the eityCity will be enabled to provide and render the required service.
- (e) Limitation of use. Water, ~~and~~ wastewater and/or reclaim service purchased from the eCity shall be used by the customer only for the purposes specified in the application for water and wastewater service unless otherwise agreed upon by both parties.
- (f) Continuity of service. The eCity will at all times use reasonable diligence to provide continuous water and wastewater service and, having used reasonable diligence, shall not be liable to the customer for failure or interruption of continuous water and wastewater service. The eCity shall not be liable for any act or omission caused directly or indirectly by strikes, labor trouble, accidents, litigation, breakdowns, shutdowns for emergency repairs or adjustments, acts of sabotage, enemies of the United States, wars, United States, state, municipal or other governmental interferences, acts of God, or other causes beyond its control.
- (g) Type and maintenance. The customer's pipes, apparatus and equipment shall be selected, installed, used and maintained in accordance with standard practice and shall conform with

the rules and regulations of the eCity. The eCity shall not be responsible for the maintenance and operation of the customer's pipes and facilities. The customer expressly agrees not to utilize any appliance or device which is not properly constructed, controlled and protected, or which may adversely affect water or wastewater service provided by the eCity. The eCity reserves the right to discontinue or withhold water and wastewater service until ~~to~~ such apparatus or device is corrected.

- (h) Change of customer's installation. No changes or increases in the customer's installation, which will materially affect the proper operation of the pipes, mains, or stations of the eCity, shall be made without written consent of the eCity. The customer shall be liable for any change resulting from a violation of this rule.
- (i) Inspection of customer's installation. All customer's water or wastewater services installations or changes shall be inspected upon completion by competent authority to insure that customers' piping, equipment, and devices have been installed in accordance with accepted standard practice and such local governmental or other rules as may be in effect. Where other governmental inspection is required by local rules or ordinances, the eCity cannot render water or wastewater service until such inspection has been made and a formal notice of approval from the inspecting authority has been received by the eCity. The eCity reserves the right to inspect customer's installation prior to rendering water or wastewater service and from time to time thereafter, but assumes no responsibility whatsoever for any portion thereof.
- (j) Protection of eCity's property. The customer shall exercise reasonable diligence to protect the eCity's property on the customer's premises and shall knowingly permit no one but the eCity's agent or persons authorized by law to have access to the eCity's pipes and appurtenances. In the event of any loss or damage to property of the eCity caused by or arising out of carelessness, neglect, or misuse by the customer, the cost of making good such loss or repairing such damage shall be paid by the customer.
- (k) Access to premises. The duly authorized agents and utilities staff of the eCity shall have access to the premises of the customer for the purpose of installing, maintaining, inspecting, or removing the eCity's property or the performance under or termination of the eCity's agreement with the customer and under such performance shall not be liable for trespass.
- (l) Right-of-way or easements. The customer shall grant or cause to be granted to the eCity, without cost to the eCity, all rights, easements, permits, and privileges which are necessary for the rendering of water or wastewater service.

As a prerequisite to the construction of any water distribution and/or wastewater collection facilities proposed to be connected to the existing eCity system, the developer shall agree to grant to the eCity such easements or rights-of-way required for the installation of the proposed facilities. Such grant or conveyance shall be in a form satisfactory to the eCity attorney. Such conveyances shall be made without cost to the eCity. The eCity reserves the right to require such easements or rights-of-way to extend to the point of delivery of service. Such easements and rights-of-way shall be conveyed upon completion of the work done by the developer, and approval and acceptance by the eCity utilities director or designee.

- (m) Billing periods. Bills for water and/or wastewater service will be rendered monthly as stated in the rate schedule and shall become due when rendered and be considered as received by the customer when delivered or mailed to the water service address or some other place mutually agreed upon. Non-receipt of bills by the customer shall not release or diminish the obligation of the customer with respect to payment thereof.
- (n) Delinquent bills. Bills are due when rendered, and if not paid within 20 days thereafter become delinquent and water or wastewater service may then, after five days written notice, be discontinued. Water and wastewater service shall be restored only after the cityCity has received payment for all past-due bills, together with a ~~reconnection charge~~non-payment fee as may be specifically set forth by resolution from time to time. There shall be no liability of any kind against the cityCity for the discontinuance of water and wastewater service to a customer for that customer's failure to pay the bills on time. Partial payment of a bill of the water and wastewater service rendered will not be accepted by the cityCity for continued service, except by the city'sCity's agreement thereof.
- (o) Reimbursement for extra expenses. Except as provided for in subsection 68-55(i), the customer shall reimburse the City for all extra expenses (such as for special trips, inspections, additional clerical expenses, etc.) incurred by the cityCity on account of the customer's violation of the contract for service or of the city'sCity's rules and regulations as set forth and established within the water and wastewater service rate resolution.
- (p) Payment of water and wastewater service bills concurrently. When both water and wastewater service are provided by the cityCity, payment of any wastewater service bill rendered by the cityCity to a customer shall not be accepted by the cityCity without the simultaneous or concurrent payment of any water service bill rendered by the cityCity. The cityCity may discontinue both water service and wastewater service to the customer's premises for non-payment of the wastewater service bill or water service bill or if payment is not made concurrently. The cityCity shall not reestablish or reconnect wastewater service and/or water service until such time as all wastewater and water service bills and all charges are paid.
- (q) Temporary discontinuance of service. At any time that water and wastewater service is not being furnished to the premises, as confirmed by the cityCity furnishing said water or wastewater service, upon application to the cityCity by the customer for a temporary shutoff, billing for service to the premises will be continued at the base facility charge. It is hereby determined the said base facility charge provides a direct benefit to both the owner and, if applicable, current occupant of the premises.
- (r) Change of occupancy. When a change of occupancy takes place on any premises supplied by the cityCity with water and/or wastewater service, written notice thereof shall be given ~~to~~ the office in the form of a completed application ~~to~~ the cityCity not less than one~~three~~ business days prior to the date of change by the outgoing customer. The outgoing customer shall be held responsible for all water, wastewater and service rendered on such premises until such written notice is so received by the cityCity and the cityCity has had reasonable time to discontinue the water and wastewater service. However, if such written notice has been received, the application of such a succeeding occupant for water and wastewater

service will automatically terminate the prior account. The ~~City may elect customer's deposit may be to~~ transferred a customer's deposit from one service location to another, if both locations are supplied water and/or wastewater service by the cityCity. If the transferred deposit amount does not meet the required amount for the new location, as set forth by Resolution, the customer will be required to pay the difference at the time the request is made to transfer services. Any outstanding balance from the previous account will be transferred to the new account. The customer's deposit may not be transferred from one name to another, except in the case of marriage, divorce, or death. Notwithstanding the above, the City will accept telephone orders, for the convenience of its customers, to discontinue or transfer water and wastewater service from one service address to another and will use all reasonable diligence in the execution thereof. However, oral orders or advice shall not be deemed binding or be considered formal notification to the cityCity. A completed application is still required.

- (s) Unauthorized connections. Connections to the city'sCity's water and wastewater system for any purpose whatsoever shall be made only by employees or agents of the cityCity. Any unauthorized connections to the customer's water and wastewater service shall be subject to immediate discontinuance without notice, in addition to other enforcement provisions deemed necessary and appropriate by the cityCity. Water and wastewater service shall not be restored until such unauthorized connections have been removed and until settlement is made in full to the cityCity for all water and wastewater service estimated by the cityCity to have been used by reason of such unauthorized connection. If a water and wastewater customer disconnects the previously active cityCity water connection and replaces the same with another source, such shall be an unauthorized connection, a Code violation, a cross connection as defined in this section, and shall be remedied as soon as possible to protect the integrity and potable quality of the water system.
- (t) Adjustment of bills. When a customer has been overcharged or undercharged as a result of incorrect application of the rate schedule, incorrect reading of a water meter, or other similar reasons, the amount may be credited or billed to the customer in accordance with the policies of the cityCity.
- (u) Meters. All water meters shall be furnished by and remain the property of the cityCity and shall be accessible and subject to its control unless otherwise agreed upon by the City. The customer shall provide meter space to the cityCity at a suitable and readily accessible location, within the premises to be served, and the same should be of adequate and proper space for the installation of meters and other similar devices.
- (v) All water through meter. That portion of the customer's installation for water service shall be so arranged that all water service shall pass through the meter. No temporary pipes, nipples, or spacers are permitted and under no circumstances are connections allowed which may permit water to bypass the meter or metering equipment.
- (w) Fire protection. Fire protection facilities and service shall be provided as depicted in the Development Regulations as amended. Service rates and charges shall be set forth in a separate resolution.

- (x) Cross connection. Connection of any facility other than potable water to potable water, raw wastewater to raw wastewater or reclaimed water to reclaimed water for reuse is strictly prohibited. Violations shall be subject to such penalties as established by the commission.
- (y) Backflow protection. Backflow protection shall be provided by each customer as applicable and in accordance with the City Land Development Regulations and the rules and regulations of the Florida Department of Environmental Protection, as amended or as set forth by City resolution. Said resolution shall meet the intent of all regulatory requirements or may be more restrictive in the protection of public health.

Sec. 68-55.1. - Developer agreement required.

Prior to the execution or submittal of a water and wastewater main extension application to appropriate state agencies by the cityCity, the builder or developer shall be required to execute a developer agreement. The developer agreement shall be binding on the developer, its successors or assigns, and all subsequent owners of the subject property. The agreement shall set forth reasonable restrictions and provisions for the installation of service lines; the interconnection of plumbers' lines with the city'sCity's service lines; the manner and method of payment for required contributions, fees, and charges; guaranteed revenue provisions; standards of construction or specifications; regulations, policies, practices, and procedures of the cityCity; prohibitions against improper use of any cityCity utility facility or parts thereof; and other matters as required by the city utilities director or designee. Developer agreements shall only apply to the specified parcels of property listed in the agreement, and are not assignable or transferable in any manner to any other parcel of property.

Sec. 68-55.2. - Developer extension.

- (a) Whenever any person desires to secure water and/or wastewater utility service and has constructed water lines or otherwise extended water and/or wastewater pipes but are not within the present limits of the existing cityCity utility system, such person shall make written application to the cityCity stating the kind and purpose of the service desired; shall give the location and a legal description of the property where such services are to be rendered; and provide additional information as may be required by the cityCity.
- (b) When the cityCity requires contributions-in-aid-of-construction through the installation of water distribution and/or wastewater collection facilities by the developer, title to such facilities must be transferred to the cityCity immediately after installation and final operational testing, and the cityCity utilities director or designee has inspected and approved the facilities. Transferring the facilities to the cityCity is a condition precedent to the rendering of any utilities service by the cityCity. Such contributions are for the purpose of defraying the cost of the water distribution and/or wastewater collection systems required to service the developer's utility needs and to partially defray the cost of the hydraulic share of the additional utility service to be provided. Any required cash contribution payments to be paid by the developer, pursuant to the developer agreement, shall be a condition precedent to the execution of the permitting application by the cityCity to the applicable state agency for any construction of a water and wastewater system.

Sec. 68-55.3. - Developer onsite facilities.

Each developer shall be solely responsible for the design, installation, inspection, cost, and testing of the complete water distribution and/or wastewater collection facilities located in the streets adjoining and within the boundaries of the developer's property. Developer or landowner of non-residential properties shall be solely responsible for the operation and maintenance of all onsite facilities.

Sec. 68-55.4. - Extension permit required.

A permit shall be required whenever a developer or landowner desires to construct a water and/or wastewater facility or extend a water and/or wastewater line for the purpose of connecting to the eityCity system. Any construction of such facilities or extension of water or wastewater lines shall be designed and constructed to meet the eityCity utilities standards as it relates to the depth and location of such lines, the size and dimension of all pipes, the quality and quantity of materials, and the method of construction.

Sec. 68-55.5. - Installation of lines and additional requirements.

- (a) The developer or landowner, after approval of all required permits from the eityCity and all other appropriate agencies, shall install all permitted distribution lines, collection lines, service lines, water or wastewater lines and meter boxes within the development area to the eityCity system and shall solely bear the entire cost of all work described herein. Upon approval and acceptance by the eityCity of such installation, all transmission, distribution, collection and service lines, and meter boxes shall have title transferred to and become the property of the eityCity.
- (b) If the utilities director or designee determines that it is necessary for the public health, safety, and welfare that oversized lines are required for water or wastewater lines which are greater than the size required to serve the developer or landowner needs, then the eityCity shall credit the developer only for the difference of the additional cost for the oversized larger pipe beyond the cost of the pipe required to serve the developer or landowner.
- (c) If the utilities director or designee determines that it is necessary for the public health, safety, and welfare to require fittings and hydrants beyond those required to serve the developer or landowners, the eityCity shall credit the developer for only the cost of such additional fittings and hydrants.

Sec. 68-55.6. - Extension system designer.

The eityCity shall require and recognize that the design of water and wastewater facilities be prepared by a registered professional engineer regularly engaged in the field of sanitary engineering, covering the design of the developer's onsite water distribution and wastewater collection facilities; provided, however, that each such design shall be fully subject to the approval of the utilities director or designee and shall conform in all respects to all eityCity criteria for such facilities which must ultimately be acceptable by the eityCity.

Sec. 68-55.7. - Testing of developer's system.

Representatives of the cityCity must be present whenever final testing of all component parts of a water distribution and/or wastewater collection facilities are performed for the purpose of determining that the facilities, as constructed, conforms to the city'sCity's criteria for pressure testing, exfiltration, infiltration, line and grade. Such tests will be performed by the developer or the developer's contractor, but only under the direct supervision of the engineer of record or his authorized inspector. The results of such testing shall be certified by the engineer of record. The utilities director or designee shall be notified at least three working days prior to any inspections or testing performed in accordance with this article.

Sec. 68-56. - Water meter installation charge.

Each applicant shall be charged for the meter, meter service box and for installation of the water meter. The schedule for such charges shall be set forth in a separate resolution.

Sec. 68-57. - Meter testing.

Meter testing shall be done at the customer's request, and in accordance with the following guidelines and schedules:

- (1) Meter test request. If any customer requests a test of the water meter, the cityCity ~~will~~may require a deposit to defray the cost of testing; such deposit shall not exceed the schedule of fees which shall be specifically set forth in a separate resolution.
- (2) Adjustment of bills for meter error. In meter tests made by the cityCity, the accuracy of registration of the meter and its performance in service shall be judged by its average error. The average meter error shall be considered to be the average of the errors at the test rate flows.
 - a. Fast meters. Whenever a meter tested is found to register fast, in excess of the tolerance provided in the meter accuracy requirements provision herein, the cityCity shall refund to the customer the amount billed in error for one-half the period since the last test; said one-half period not to exceed six months except that if it can be shown that the error was due to some cause, the date of which can be fixed, the overcharge shall be computed back to but not beyond such date. The refund shall not include any part of any minimum charge.
 - b. Slow meters. Whenever a meter tested is found to register slow, in excess of the tolerance provided in the meter accuracy requirements provision herein, the cityCity may bill the customer an amount equal to the unbilled error for one-half the period since the last test; said one-half period not to exceed six months, except that if it can be shown that the error was due to some cause, the date of which can be fixed, the charge may be computed back to but not beyond such date and provided further that if the utility has required a deposit, the customer may be billed only for their portion of the unbilled error which is in excess of the deposit retained by the cityCity. In the event of a non-registering meter, customer may be billed on an estimate based on previous bills for similar usage, such estimate to apply only to the current billing. In the event of unauthorized use, the customer may be billed on a reasonable estimate, in the sole discretion of the cityCity, of the service taken.

- c. Meter accuracy requirements. All meters used for measuring quantity of water delivered to a customer shall be in good mechanical condition and shall be adequate in size and design for the type of service which they measure. Before being installed for the use of any customer, every meter, whether new, repaired, or removed from service for any cause, shall be adjusted to register within the accuracy limits of the American Water Works Association standards, or as set forth in the following table:

	Accuracy Limits in Percent			
	Maximum Rate	Intermediate Rate	New	Repaired
Meter Type				
Displacement	98.5—101.5	98.5—101.5	95—101.5	90—101.5
Current	97.0—102.0	None	95—102.0	90—102.0
Compound	97.0—103.0	97.0—103.0	95—103.0	90—103.0

The minimum required accuracy for compound meters at any rate within the "changeover" range of flows shall be 85 percent.

Sec. 68-58. - Customer deposits.

- (a) Establishment of credit. Before rendering water or wastewater service, the City may require an applicant for service to satisfactorily establish credit, but such establishment of credit shall not relieve the customer from complying with the City's rules for prompt payment. Credit will be deemed so established if:

- (1) The applicant for service furnishes a satisfactory guarantor to secure payment of bills for service requested.
- (2) The applicant pays a cash deposit.
- (3) The applicant for service furnishes an irrevocable letter of credit from bank or a surety bond.

An such deposit received by the City shall be held in a non-interest bearing account. Deposits shall not be refunded until any and all outstanding charges for water and wastewater service against the account for which it is deposited has been paid. The deposits required under this section shall be applied against the final bill prepared for

termination of the account. If the deposit exceeds the final bill, the balance of the deposit shall be refunded.

- (b) Amount of deposit. The amount of initial deposit shall be as determined by the resolution that establishes water and wastewater system rate schedules, according to customer class and meter size. ~~Deposits for meter sizes exceeding one inch shall be determined on a case-by-case basis by the city.~~
- (c) Additional deposit. The Ccity may require a new deposit, where previously waived or returned, or an additional deposit in order to secure payment of current bills provided. The Ccity shall provide the customer with reasonable written notice of not less than 30 days where such request or notice is separate and apart from any bill for service. The total amount of the required water deposit shall not exceed an amount equal to the average actual charge for water service for two monthly billing periods for the 12-month period immediately prior to the date of notice. The total amount of the required wastewater deposit shall not exceed an amount equal to the average actual charge for wastewater service for two monthly billing periods for the 12-month period immediately prior to the date of notice. In the event the customer has had service less than 12 months, the eCity shall base it's new or additional deposit upon the average actual monthly billing available.

Sec. 68-59. - Returned ~~payment~~check charge.

There shall be a charge for each ~~check~~payment returned to the Ccity as a result of insufficient or non-collected funds. The amount for this charge will be set forth in a separate resolution.

Sec. 68-60. - Late payment fees.

There shall be a charge incurred on those customers delinquent in the payment of the monthly utility bills. The amount for this charge will be set forth in a separate resolution.

Sec. 68-61. - ~~Reconnection charge~~Service Initiation Fee.

There shall be a charge for eCity service connections and for transferring of cityCity accounts from the name of one person to the name of another. This fee will be billed on the customer's first bill, which shall be paid before the service connection is made or accounts changed; provided, however, that there shall be no service connection charge when the original service connection is made for which a meter installation and/or service installation fee is paid. The charge for the transfer of service to a new customer account at a previously served location or reconnection of service subsequent to a customer requested disconnection, shall be set forth in the water and wastewater service rate resolution.

Sec. 68-62. - Annual fire line charges.

A capacity cost recovery charge is assessed to customers which have fire lines or standpipes located within the premises of the building or privately owned hydrants served by the eCity. The cityCity shall bill the rates for this specific service as set forth by resolution, ~~at the beginning of each fiscal year and shall be due and payable in 30 days upon invoice by the city.~~

Sec. 68-63. - Water and wastewater capital charges; option; calculating application; and time of payment.

- (a) Adoption. The cityCity hereby adopts and establishes pursuant to general law, a water capital charge and a wastewater capital charge, the purpose of which will be to finance capital expenditures and the payment of cityCity indebtedness associated with the expansion (through construction, acquisition, or otherwise) of the city'sCity's water supply, treatment and transmission system and the wastewater transmission, treatment, and effluent disposal system. The capital charges for water and wastewater shall be set forth in the resolution that establishes water and wastewater system rate schedules.
- (b) Applicability. The cityCity may exempt any customer from the payment of all or a portion of the water and wastewater capital charges to the extent that the cityCity accepts a permanent contribution in aid of construction related to the water supply, treatment or transmission facilities or the wastewater transmission, treatment, or effluent facilities having a value of not less than the portion of the water or wastewater capital charges being exempted.
- (c) Time of payment. All water and wastewater capital charges shall be paid prior to connection of a structure or structures to be served by the cityCity, or such other time as may be specifically provided by cityCity resolution, ordinance, agreement, or permit; provided, however, that the cityCity may permit installation payments of any water or wastewater capital charges upon such terms and conditions as the cityCity deems appropriate.
- (d) Determination of equivalent residential unit factors for water and wastewater services.
 - (1) For purposes of calculating and imposing the wastewater capital charge provided for in this section 68-63, the ERUC factor for any particular connection shall be calculated and imposed in the manner provided as follows:

Establishment	ERC Unit	Factor
<u>Residential</u>		
<u>Single Family</u>		
	<u>Per Dwelling</u>	<u>1.00</u>
Residential Multi-Family	Per Dwelling Unit	0.800
Commercial		
Auditorium/Meeting Rooms	Per Seat	0.019
Barber/Beauty Shop	Per Opr. Sta.	0.340

Food Service		
Restaurant/Cafeteria	Per Seat	0.113
Restaurant (24 hours)	Per Seat	0.189
Restaurant ("Fast Food")	Per Seat	0.057
Bar/Cocktail Lounge	Per Seat	0.075
Hotel/Motel	Per Room	0.800
Office Building (not including food service and retail space to be calculated separately)	Per 100 Sq. Ft.	0.038
Service Station	Per Bay	1.132
Add	Per Wash Bay	3.663
Add	Per Toilet	1.132
Theater	Per Seat	0.012
Diner Theater	Per Seat	0.075
Trailer & RV Park (Overnight)	Per Space	0.377
Dentist Office	Per Dentist	0.943
	Per Wet Chair	0.755
Doctor Office	Per Doctor	0.943
Church	Per Seat	0.011
Schools (Middle & High)	Per Student	0.075

Schools (Elementary, Day Care, and Nursery)	Per Student	0.028
Schools (Boarding)	Per Student	0.472
Laundry (Self-Service)	Per Student <u>Machine</u>	1.510
Retail <u>Convenience</u> Store/w Self Service Gas pumps	Per Restroom	1.500
(Add remaining fixture units)		
(Without pumps use fixture units)		
<u>Retail Store</u>	<u>Per 100 sq. ft</u>	<u>.025</u>
<u>Irrigation</u>	<u>Per 1,000 sq. ft</u>	<u>.125</u>
Automotive Repair & Maintenance Stores	Per Bay	0.500

- (2) One equivalent residential unit (ERC) shall, for purposes of this section, have an assigned value of \$1.00. For wastewater service capacity, one ERC is hereby established and determined to be equal to a flow of 300 gallons per day (GPD), average annual basis, or such other value as may be later approved or determined by the Florida Department of Environmental Protection. For water service capacity, one ERC is hereby established and determined to be equal to a flow of 350 GPD, average annual basis.
- (3) The "total equivalent residential unit value" for an establishment shall be calculated by multiplying the ERC factor listed above by the number of units.
- (4) For all establishments not listed above, the total wastewater equivalent residential unit (ERC) value for wastewater service capacity shall be determined by multiplying the number of fixture units, as published in the Standard Plumbing Code, by 30 GPD, and then dividing that numerator by 300 GPD per ERC.

For example:

$$\text{Total Wastewater ERC Value} = \text{Number of Fixture Units} \times 30 \text{ GPD} / 300 \text{ GPD/ERC}$$

The wastewater capital charge shall be determined by using the following formula:

Total ERC Value x Wastewater Capital Charge = total wastewater capital charge

- (5) For all establishments not listed above, the total water equivalent residential unit (ERC) value for water service capacity shall be determined by multiplying the number of fixture units, as published in the Standard Plumbing Code, by 30 GPD, and then dividing that numerator by 350 GPD per ERC.

For example:

$$\text{Total ERC Value} = \frac{\text{Number of Fixture Units} \times 30 \text{ GPD}}{350 \text{ GPD/ERC}}$$

The water capital charge shall be determined by using the following formula:

Total ERC Value x Water Capital Charge = Total Water Capital Charge

- (6) The above ERC schedule applies to establishments being connected to the Deltona Water and Wastewater System.
- (e) Capital improvement funds; establishment; expenditures guidelines; application and pledge to revenue bonds.
- (1) The water capital charges collected pursuant to this article shall be ~~deposited into a fund called the "City of Deltona, Florida Utility System Water Connection Fees Fund accounted for separately"~~ and the wastewater capital charges shall be handled in the same manner, likewise be deposited into the fund called the "City of Deltona, Florida Utility System Sewer Connection Fees Fund." The water capital charges so deposited shall be used only for the acquisition of the city's City's water system and all components thereof and additions thereto, and the construction and acquisition of additions and extensions to the city's City's water system and all components thereof including raw water supply facilities, transmission facilities, mains, ground storage facilities, new pumping facilities, water treatment plants, and distribution facilities in order to provide additional water treatment capacity or water service capacity to those new customers who connect to the city's City's water system. The wastewater capital charges so deposited ~~in the above mentioned fund~~ shall be used only for the acquisition of the city's City's wastewater system and all components thereof and additions thereto, and the construction and acquisition of additions and extensions to the city's City's wastewater system and all components thereof, including collection facilities, transmission facilities, treatment facilities, and effluent disposal capacity reclaimed water facilities, or wastewater or reclaimed water service capacity to those new customers who connect to the city's City's wastewater system.
- (2) The city City may by resolution provide for the application of some or all of the water and/or wastewater capital charges to the payment or security for the payment of revenue bonds issued in whole or in part for the purpose set out in subsection 68-63(a) hereof, provided that the amount of water and/or wastewater capital charges applied to the payment of such bonds shall not exceed the amount of bond proceeds actually expended for such purpose with interest at the average rate borne, by said bonds. Such application

or pledge may be made directly in the proceedings authorizing such bonds or in an agreement with an insurer of bonds to assure such insurer of additional security therefor.

(3)

- (f) Application: Allocation of water and/or wastewater service capacity. No water and or wastewater services capacity shall be sold pursuant to the water and/or wastewater permit, nor shall any such permit be issued until application therefor is received by the ~~city~~City. The ~~city~~City may require all information on said application that it deems reasonable and necessary, and may reject applications it determines are incomplete. Any application for a water and/or a wastewater permit shall contain legal description of the land constituting the service area for which the said permit is to be issued. The legal description shall include only those lands owned by the applicant for which the water and/or wastewater permit is to serve. If any such person described hereinabove fails to apply for and purchase water and/or wastewater service capacity under these rules, the ~~city~~City may consider said failure in determining whether or not to grant or deny any development or construction permit or approval or rezoning application filed by said person. The ~~city~~City shall by separate ordinance establish rules for the allocation of water and/or wastewater service capacity, and may by resolution establish a fee for application review payable by applicants.

Sec. 68-64. - Annual index adjustments.

The commission may authorize and approve an automatic annual rate adjustment applicable to all water/wastewater rates, fees and charges for utility service as necessary to provide for increases in expenses due to inflation or other such factors, so as to always ensure adequate net revenues from existing ~~ERCERU~~'s that will pay for inflationary increases in operation and maintenance of the system and to provide all utility-related debt service coverage requirements of the ~~city~~City. The automatic index adjustment shall be determined on an annual basis based on the Engineering News-Record or another price index factor adopted by the commission, and shall become effective the first billing period after October 1st of each fiscal year. ~~The index adjustment shall not exceed 2.5 percent during any fiscal year. Subsequent annual index adjustments shall not exceed the index as published by the Florida Public Services Commission (FPSC) or another price index factor adopted by the commission.~~

Sec. 68-65. - Establishment of a water system rate schedule.

The commission shall establish and adopt by separate resolution a water system rate schedule. The commission may modify the water system rate schedule from time to time by like action.

Sec. 68-66. - Establishment of a wastewater and reclaimed water system rate schedule.

The commission shall establish and adopt by separate resolution a wastewater system rate schedule. The commission may modify the wastewater system rate schedule from time to time by like action.

Sec. 68-67. - Reclaimed water.

The commission hereby establishes the reclaimed water policy for the purpose of determining allocation and use of treated ~~sewage-wastewater~~ effluent (hereinafter referred to as "reclaimed water") for landscape irrigation of appropriate green areas within the service area of the ~~city~~City.

- (1) Intent. The ~~city~~City owns, operates and maintains wastewater treatment facilities, pursuant to and under operating permits from the Florida Department of Environmental Protection, which produce reclaimed water of a quality suitable for the irrigation of grasses, woodlands and certain vegetation. Compliance with water management district policies coupled with demands of a growing population have increased the need for water conservation measures and reuse of wastewater. The highest priority for use of potable water is for human consumption. The substitution of irrigation quality wastewater effluent for non-potable purposes offers the potential for economic benefits allowed by the addition of a new resource into the ~~city's~~City's water ~~supply~~resources. The irrigation of turf grasses, such as golf courses and lawns, appears to be the foremost prospect for large-scale water reuse within the ~~city's~~City's service area. Replacing existing potable water withdrawal with reclaimed water allows an increased population to be served from present water supply. This policy represents a long-term beneficial use of a valuable and limited resource by recycling water currently being lost to the ~~fresh-water-system~~environment.
- (2) Availability. The ~~e~~City shall make reclaimed water available to ~~consumers~~residential and commercial customers, within the service area of the ~~city~~City, that own ~~large tracts of green areas~~properties requiring landscape irrigation (the foregoing consumer shall hereafter be referred to as a "user"). Reclaimed water will be provided to users in accordance with approved reclaimed water agreements. The ~~city~~City will allocate the ~~effluent reclaimed water~~ as fairly as possible. Determination of the quantity of ~~effluent reclaimed water~~ to be provided shall be at the ~~sole~~ discretion of the ~~commission~~utility director ~~except for those users requiring more than 100,000 GPD would be at the discretion of the city commission~~.
- (3) Type of treated sewage reclaimed water. The irrigation water provided will be reclaimed water from a tertiary treatment process which involves secondary wastewater treatment, filtration and high-level disinfection meeting or exceeding the requirements of Florida Administrative Code Chapter 62-610, Florida Department of Environmental Protection. The reclaimed water shall be in accord with all requirements of permits issued by local, state and federal regulatory agencies having jurisdiction over such activities.
- (4) ~~Disposal~~Infrastructure.
 - a. The ~~city~~City shall provide the user with ~~bulk~~appropriate quantities of reclaimed water from its ~~wastewater treatment~~reclamation facilities. The user shall be responsible for the construction and installation, at its sole cost and expense of utility lines and facilities needed to connect into the ~~city's~~City's reclaimed water system. Prior to receiving reclaimed water, the user shall convey ownership to the ~~city~~City of all lines and facilities from authorized ~~treatment facilities~~connection

points on the City's reclaimed water system to the point of delivery of effluent reclaimed water to the user by bill of sale in a form satisfactory to the cityCity, it being understood that lines and facilities must be constructed to the satisfaction of the cityCity in accordance with the guidelines and specifications of the cityCity. Acceptance of said lines and facilities shall be within the sole discretion of the commission.

- b. The user shall be responsible for obtaining information and preparing all necessary environmental planning, hydrogeologic monitoring studies and property as a site for reclaimed water reuse. The user shall be responsible for any and all costs relative to the maintenance of any water management tract constructed upon the user's land and the user shall be responsible, at the user's sole cost and expense, for the construction and maintenance of any reclaimed water spray irrigation device or other system which draws from the water management tract. The user shall incur the cost of securing licenses and permits from applicable governmental agencies relative to the reuse of the city'sCity's reclaimed water upon the user's property, including any costs incurred by the cityCity to secure same.
- c. As a prerequisite to the city'sCity's acceptance of reclaimed water mains, discharge and delivery lines, facilities and appurtenances thereof, the user shall grant its successors and assigns, all easements and rights of ingress and egress, necessary for the discharge and delivery of reclaimed water upon the user's property, including but not limited to easements covering lines and facilities. The easements shall allow the cityCity to own, maintain, construct and operated within the user's property or parts thereof, effluent discharge lines and other facilities required for the effluent delivery.

d. All residential developments and commercial properties shall construct reclaimed water mains for their projects as part of the underground utilities at their sole cost and expense. Construction of such mains may be waived by the city commission as may be recommended by the utility director.

- (5) Reclaimed water agreement. The user will be required to execute a reclaimed water agreement setting forth such reasonable provisions governing the user and the cityCity responsibilities pertaining to the discharge and disposal of reclaimed water effluent. The user shall pay a fee to defray the cost of the preparation of reclaimed water agreements by the city eounsel.commission. This A reclaimed water agreement willshall establish the user's allotment of reclaimed water, the cost per 1,000 gallons of reclaimed water delivered to the user's property and a minimum charge as set forth in the reclaimed rate schedule.appropriate.
- (6) Assignment. The user shall not assign, transfer, release or encumber its reclaimed water allotment without prior approval by cityCity. In the event there is a bonafide sale of the user's property, the cityCity must be notified of the sale in writing and cityCity shall, at its sole discretion, decide whether to permit the assignment of the reclaimed water.

(7) Reclaimed water usage by the user shall be in accordance with all local, state and federal regulations, specifically including those of the Florida Department of Environmental Protection governing such use.

(87) Economic feasibility. The cityCity agrees to provide reclaimed water on a uniform and nondiscriminatory basis to users who seek such service and are entitled to same within city'sCity's service area subject only to priority considerations, as long as it is economically feasible for the cityCity to do so. The cityCity may be relieved of its obligation to provide reclaimed water where to do so would cause extraordinary capital expenditures in the future due to changes in environmental, health, safety, economic, aesthetic or other considerations of public law or policy, or if prohibited by the bond resolution. If the cityCity knows that a major change in public law or policy is likely to occur in the immediate future which would require cityCity to expend additional amounts of money to provide reclaimed water to an individual user, the cityCity may require such user to pay the actual costs of such additional expenditure prior to agreeing to provide reclaimed water notwithstanding any other term or condition of this reclaimed water policy.

Sec. 68-68. - Abnormal strength waste surcharge factor.

For those customers which the cityCity has agreed to serve and either the customer or the utility has determined that the strength of the sewage is greater than 350 parts per million (ppm) biochemical oxygen demand (BOD), 800 ppm chemical oxygen demand (COD), 350 ppm total suspended solids (TSS) or 50 ppm total nitrogen (TN), then an abnormal strength surcharge will be applied to the quarterly bill. Biochemical oxygen demand or BOD means the quantity of oxygen in the biochemical oxidation of the organic matter in the wastewater under standard laboratory procedures in five days at 20 degrees Centigrade, as expressed in milligrams per liter. Chemical oxygen demand or COD means the quantity of oxygen in the chemical oxidation of the organic matter in the wastewater. Total suspended solids or TSS means the quantity of filterable solids in the wastewater. Total nitrogen means the total of organic nitrogen, ammonia, nitrite and nitrate. Organic nitrogen is to be determined by the Kjeldahl method. The concentration of BOD, COD, TSS and TN shall be determined in accordance with procedures set forth in the Standard Methods for Examination of Water and Wastewater, 18th Edition. The surcharge factor is calculated in the following manner:

Concentration of BOD less 350 ppm divided by 350 ppm. Concentration of COD less 800 ppm divided by 800 ppm. The BOD and COD ratios will then be averaged to determine one BOD/COD ratio. Concentrations of TSS less 350 ppm divided by 350 ppm. Concentration of TN less 50 ppm divided by 50 ppm. The surcharge factor will be the average of the BOD/COD, TSS and TN ratios. The total bill will be calculated by multiplying the surcharge factor by the metered wastewater usage times the rate per 1,000 gallons plus the base facility charge (BFC).

Sec. 68-69. - Pretreatment requirements.

The cityCity may require pretreatment of industrial wastewater whenever necessary to reduce, modify, or eliminate the user's wastewater discharge to achieve compliance with

applicable national pretreatment standards, or to meet any other wastewater condition or limitation. If required by the cityCity, plans, specifications, and operating procedures for such wastewater pretreatment facilities shall be prepared by a registered professional engineer, and shall be submitted to the cityCity for review. Prior to beginning construction of said pretreatment facilities, the user shall submit a set of final construction plans and specifications to the cityCity. Prior to beginning construction, the user shall also secure such building, plumbing or other permits that may be required. Following completion of construction, the user shall provide the cityCity with "as built" drawings. Neither filing of the plans nor the issuance of permit(s) shall be construed to indicate that the cityCity in any way vouches for or warrants the performance capabilities of any facilities constructed pursuant to such plans, specifications, or data. Subsequent alterations or additions to such pretreatment of flow-control facilities shall not be made without prior notice to the cityCity.

Sec. 68-70. - Responsibility for collection, distribution and transmission costs.

In addition to the water and wastewater capital charges, the applicant or customer shall either provide, or pay the capital costs (including land costs) of the required capital improvements for:

- (1) The collection of raw sewage within the boundaries of the property owned by the developer or customer to which the cityCity intends to provide wastewater service capacity;
- (2) The transmission of sewage from those boundaries to the city'sCity's collection and transmission facilities prior to connection to treatment facilities; and
- (3) The transmission and distribution of water from the city'sCity's water treatment facilities to the applicant's or customer's property.

The cityCity shall allow the developer or customer to connect to the nearest feasible point as determined by the cityCity.

Sec. 68-71. - Transfer of contributed property; bills of sale.

The cityCity reserves the right to construct all facilities for providing water and wastewater service to the point of connection. If the cityCity determines that it will accept such facilities constructed by others, in addition to the standard terms of a developer agreement, the following rules will apply:

- (1) Each contributor or developer who has constructed portions of a water distribution and/or sewage collection system shall convey such component parts of the water distribution and/or sewage collection system to cityCity by bill of sale, in a form satisfactory to the city'sCity's attorney, together with such evidence as may be required by the cityCity that the water and/or wastewater systems proposed to be transferred to cityCity are free of all liens and encumbrances.
- (2) Any facilities in the category of consumer's connections on the customer's side of the connection point shall not be transferred to cityCity and shall remain the property of individual customers, their successor or assigns.

- (3) Utility shall not be required to accept title to any component part of the water distribution or sewage collection system until the city's engineer has approved the construction of said lines, accepted the tests to determine that such construction is in accordance with the criteria established by the cityCity and thereafter evidenced its acceptance of such lines for city'sCity's ownership, operation, and maintenance.
- (4) Contributor shall maintain accurate cost records establishing the construction costs of all utility facilities constructed by contributor. Such cost information shall be furnished to cityCity concurrently with the bill of sale, and such cost information shall be a prerequisite for the acceptance by cityCity of the portion of the water distribution and sewage collection system constructed by the contributor.
- (5) City reserves the right to refuse connection and to deny the commencement of service to any contributor seeking to be connected to portions of the water distribution and sewage collection system until such time as the provisions of this section have been fully met.
- (6) With respect to a development which constitutes a "single unit" such as a mobile home park, a shopping center, or apartment complex, city'sCity's obligation for service and maintenance of city-owned lines and facilities located wholly within such developments, and not in public right-of-way, shall extend solely to repair and/or replacement of the lines or facilities, and the city will not be liable in any manner for damages, replacement or repairs to surface areas.

Sec. 68-72. - Adjustment provisions.

All of the rates, fees, charges, rules and regulations of the cityCity are subject to adjustment by appropriate action of the cityCity and the same will apply to any developer, consumer, customer or contributor as amended.

Sec. 68-73. - Construction of distribution and collection systems.

If any on-site distribution and collection systems are constructed by the contributor as set forth in sections 68-71 and 68-72 herein, the cityCity shall establish specifications based upon good engineering and utility practices, and the contributor shall, not less than 30 days prior to commencing construction, furnish cityCity with a complete copy of the plans and specifications of the proposed on-site collection and distribution system. The cityCity shall have 20 days in which to determine the acceptability of the plans and specifications furnished to it by the contributor. If the cityCity shall object to the plans and specifications or any part thereof, the contributor shall defer the commencement of construction pending the resolution of city'sCity's objections.

Sec. 68-74. - Inspections.

The cityCity shall have, at all times during the construction, the right to inspect the construction of the on-site distribution and/or collection systems being built by the contributor, or his agents or employees, as set forth in sections 68-71 and 68-72 of this article and receive payment of any fees referred to herein.

Sec. 68-75. - Inspection fees.

Any engineering plans or designs for construction of facilities by a contributor or developer which are to become a part of the city's City's system, will be subject to review and inspection by the cityCity. For this service, cityCity may charge an inspection fee as set forth by separate resolution. Such inspection fee shall be paid by the contributor in addition to all other charges stated or established herein as a condition precedent to service.

Sec. 68-76. - Guaranteed revenue charge.

City may require, as a condition precedent to service, that the contributor/developer enter into a guaranteed revenue agreement. All such agreements will be approved by the cityCity prior to becoming effective. In addition, the cityCity may establish a guaranteed revenue charge, on a case-by-case basis, by resolution.

Sec. 68-77. - Preparation of developer agreements.

The cityCity may require that the applicant, in addition to the fees and charges set forth herein and by resolution, bear the cost of preparation of any developer agreement or contract by independent counsel or persons qualified to draft and prepare such agreements or contracts. Said charges shall be as set forth by resolution.

Sec. 68-78. - Plan review.

The cityCity shall charge a reasonable fee for plan review in accordance with the applicable resolution.

Sec. 68-79. - Annual hydrant maintenance fee.

An annual hydrant maintenance fee may be collected from commercial, multi-family, institution, interlocal or other service conditions. The annual hydrant maintenance fee shall be set by cityCity resolution.

Sec. 68-80. - Construction water, temporary use meter, tanker refill and other interim use customers.

Fee and charges for the above shall be set forth by cityCity resolution.

Sec. 68-81. - Enforcement; violations; penalties.

Violations of the provisions of this article of failure to comply with any of the requirements set forth therein, including violation of conditions of any wastewater disposal permit shall be prosecuted as provided by law. Each day such violation continues shall be considered as separate events. Nothing herein contained shall prevent the cityCity from taking such other lawful actions as is necessary to prevent or remedy any violations, including seeking injunctive relief in a court of competent jurisdiction, or terminating service as permitted by law.

Secs. 68-82—68-100. - Reserved.

ARTICLE III. - CHAPTER 180 SERVICE AREA

Sec. 68-101. - Creation.

There is hereby created pursuant to F.S. § 180.02, an area defined as the "City of Deltona Chapter 180 Service Area" (the "Service Area") for the purpose of delivering to that area, when available, services from any sewerage system or alternative water supply system, including, but not limited to, reclaimed water, aquifer storage and recovery, and desalination system, and exercising within that area the powers allowed by law.

Secs. 68-102—68-104. - Reserved.

Sec. 68-105. - Service area description.

The City of Deltona Chapter 180 Service Area is described as that area lying within the following described boundaries:

Township 17 South, Range 31 East, Volusia County, Florida

All of Sections 21, 22, 23, 24, 25, 26, 27, 28, 33, 34, 35 and 36

Those portions of Sections 13, 14, 15 and 16 lying Southerly of the right-of-way of State Road 44

Township 17 South, Range 32 East, Volusia County, Florida

All of Sections 19, 29, 30, 31, and 32, and the West ½ of section 33

Township 18, South Range 30 East, Volusia County, Florida

Those portions of Sections 13, 24, 25, 35 and 36 lying Easterly of the right-of-way of Interstate 4

Township 18 South, Range 31 East, Volusia County, Florida

All of Sections 1, 2, 3, 11, 12, 13, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 and 36

Section 8

The Southeast ¼ of said Section 8 and the Southeast ¼ of the Southwest ¼ of said Section 8.

Section 10

The East ½ of the Northeast ¼ and the Northwest ¼ of the Northeast ¼ of said Section 10 and that portion of the Northwest ¼ of said Section 10, which is more particularly described as follows: Begin at the Northeast corner of the Northwest ¼ of said Section 10; thence run North 88°49'22" West along the North boundary of the Northwest ¼ of

said Section 10 to the Northwest corner of said Section 10; thence run South 00°24'01" East along the West boundary of said Section 10, 2350.93 feet; thence run North 89°56'04" East; 658.92 feet; thence run South 00°20'21" East, 333.80 feet; thence run North 89°43'08" East 500.05 feet to a point which is also the Southeastern Boundary of the Florida Power & Light Company 110 foot right-of-way; thence run North 47°52'27" East, along said Florida Power & Light Company boundary, 2022 feet, more or less, to a point on the East boundary of the Northwest ¼ of said Section 10; thence run northerly along the East boundary of the Northwest ¼ of said Section 10 to the Northeast corner of the Northwest ¼ of said Section 10 which is also the Point of Beginning.

Section 14

All of Section 14 less and except the following described territory: Begin at the Northwest corner of the South ½ of said Section 14; thence run South 89°51'38" East a distance of 1008.91 feet; thence run North 00°09'11" West for a distance of 2461.10 feet; thence run North 51°11'13" West for a distance of 286.17 feet; thence run North 89°59'28" West for a distance of 767.61 feet to the Northwest corner of said Section 14; thence run Southerly along the West boundary of said Section 14 to the Northwest corner of the South 14 which is also the Point of Beginning.

Section 15

The South ½ of the Southeast ¼ of said Section 15 and that portion of the North ½ of the Southeast ¼ of Section 15 that is more particularly described as follows: Begin at the Southwest corner of the North ½ of the Southeast ¼; thence run North 62°43'46" East, a distance of 2971.21 feet to the Northeast corner of the Southeast ¼ of said Section 15; thence run Southerly along the East boundary of said Section 15 to the Northeast corner of the South ½ of the Southeast ¼ of said Section 15; thence run Westerly along the North boundary of the South ½ of the Southeast ¼ of said Section 15 to the Point of Beginning.

Section 17

All of said Section 17 less and except the Northwest ¼ of the Northwest ¼ of said Section 17.

Section 18

That portion of the South ¾ of said Section 18 which is lying Easterly of the right-of-way of Interstate 4.

Township 18 south, Range 32 East, Volusia County, Florida

All of Sections 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35.

Section 2

All of Section 2 less and except the East 2,000' of Section 2

Section 13

West ½ of Section 13

Section 24

All of section 24 less and except the East 1,000' of Section 24

Section 36

All of section 36 less and except the East ¼

Township 19 South, Range 30 East, Volusia County, Florida

Section 1

That portion of Section 1, which is lying Northerly of the shoreline of Lake Monroe.

Section 2

That portion of the Northeast ¼ of said Section 2 which is more particularly described as follows: Begin at the Northeast corner of said Section 2; thence run South 00°10'00" West along the East boundary of said Section 2, 1256.00 feet to a point which is also the North side of the F.E.C. Railroad right-of-way; thence run South 76°01'20" West along said right-of-way line, 2176.20 feet; thence run North 13°15'20" East, 1498.65 feet to a point on the North boundary of said Section 2; thence run South 89°29'20" East along the North boundary of said Section 2 to the Northeast corner of said Section 2 which is also the Point of Beginning.

Together with

That portion of the North 800 feet of the Northwest ¼ of the Southwest ¼ of said Section 2. Together with that portion of the North 1,000 feet of the South 1320 feet of the East ¾ of the North ½ of said Section 2, along with the South 1000 feet of the Southwest ¼ of the Northwest ¼ lying South of the F.E.C. Railroad right-of-way.

Section 3

That portion of the North 720 feet and the East 720 feet of the Northeast ¼ of the Southeast ¼ of Section 3, together with that portion of the South 1,000 feet of the East 720 feet of the Northeast ¼ lying South of the F.E.C. Railroad right-of-way.

Township 19 South, Range 31 East, Volusia County, Florida

All of Sections 1, 2, 3, 10, 11, 12, 13, 24 and 25

Section 4

The North half of Section 4

Section 5

The North half of Section 5

Section 6

That portion of Section 6 which is located Northerly of Lake Monroe

Section 7

That portion of Section 7 which is located Northerly of Lake Monroe

Section 14

That portion of Section 14 lying Easterly of Reed Ellis Road

Section 15

That portion of Section 15 lying Easterly of Reed Ellis Road

Section 23

That portion of Section 23 lying Easterly of Reed Ellis Road and Southerly of State Road 415

Section 26

That portion of Section 26 lying Southerly of State Road 415

Section 27

That portion of Section 27 lying Southerly of State Road 415 and lying within the limits of Volusia County

Section 34

That portion of Section 34 lying within the limits of Volusia County

Section 35

That portion of Section 35 lying within the limits of Volusia County

Section 36

That portion of Section 36 lying within the limits of Volusia County

Township 19 South, Range 32 East, Volusia County, Florida

All of Sections 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 15, 16, 17, 18, 19, 20, 29 and 30

Section 1

The West ½ of section 1

Section 14

All of section 14 less and except the Southeast ¼

Section 21

That portion of Section 21 lying within the limits of Volusia County

Section 22

That portion of Section 22 lying within the limits of Volusia County

Section 23

The West ½ of Section 23 lying within the limits of Volusia County

Section 28

All of Section 28 lying within the limits of Volusia County

Section 31

All of Section 31 lying within the limits of Volusia County

Section 32

All of Section 32 lying within the limits of Volusia County

Section 33

All of Section 33 lying within the limits of Volusia County

Township 20 South, Range 31 East, Volusia County, Florida

Section 1

That portion of Section 1, lying within the limits of Volusia County (Ord. No. 11-2010, § 3, 9-20-2010)

Sec. 68-110. - Extension of utilities authorized.

The ~~city~~City is authorized and empowered to extend its water, including any alternative water system, and wastewater (sewerage) utilities, including, but not limited to, utility lines, lift station, booster pumps, wells, storage tanks, and treatment facilities, to all areas within the service area.

Sec. 68-115. - Connection to wastewater system required; exception.

All persons or corporations developing property (either commercial, industrial or residential) within the service area after the effective date of this ordinance shall be required, at the discretion of the ~~city~~City, to immediately connect to the ~~city~~City wastewater system, where available. Except for wastewater customers served by a private wastewater utility within an area certificated as of the effective date of this ordinance by the Florida Public Service Commission, all persons or corporations living or doing business within the service area as of the effective date of this ordinance shall be required, at the discretion of the ~~city~~City, to connect to the ~~city~~City wastewater system within 180 days of when it becomes available. For purposes of this ordinance available shall be defined as:

Single-family residential—Within 200 feet.

Subdivisions less than five lots—Within 500 feet.

Subdivisions greater than five lots but less than 15 lots—Within 1,000 feet.

Subdivisions greater than 15 lots but less than 40 lots—Within 2,500 feet.

Subdivisions greater than 40 lots—Unlimited.

Site plans less than 5,000 sq. ft.—Within 1,000 feet.

Site plans greater than 5000 sq. ft. but less than 10,000 sq. ft.—Within 1,000 feet.

Site plans greater than 10,000 sq. ft. but less than 30,000 sq. ft.—Within 2,500 feet.

Site plans greater than 30,000 sq. ft.—Unlimited.

Sec. 68-120. - Utilities of similar character prohibited.

Except as otherwise provided by law, no private or public utility shall be authorized to construct within the service area any system, work, project or utility of a similar character to those described in section 68-101, unless the ~~city~~City consents to such construction.

Sec. 68-125. - Annexation agreement.

Any person or corporation desiring to have a parcel of property located within the unincorporated portion of the service area connected to the ~~city's~~City's water system shall enter into a covenant or an agreement to annex the property in question into the ~~city~~City.

SECTION 2. CONFLICTS. All Ordinances or parts of Ordinances, insofar as they are inconsistent or in conflict with the provisions of this Ordinance, are hereby repealed to the extent of any conflict.

SECTION 3. CODIFICATION. The provisions of this Ordinance shall be codified as and become 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 4. SEVERABILITY. In the event that any portion or section of this Ordinance is determined to be invalid, illegal or unconstitutional by a court of competent jurisdiction, such decision shall in no manner affect the remaining portions or sections of this Ordinance on which shall remain in full force and effect.

SECTION 5. EFFECTIVE DATE. This Ordinance shall take effect immediately upon its final passage and adoption.

PASSED AND ADOPTED THIS ____ DAY OF _____, 2016.

FIRST READING: _____

ADVERTISED: _____

SECOND READING: _____

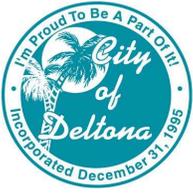
JOHN C. MASIARCZYK SR., MAYOR

ATTEST:

JOYCE RAFTERY, CITY CLERK

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

GRETCHEN R. H. VOSE, CITY ATTORNEY



Agenda Memo

AGENDA ITEM:C.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 9 - C

SUBJECT:

Public Hearing - Ordinance No. 15-2016, updating Water and Wastewater Impact Fees, at first reading and to schedule second reading for March 21, 2016 - Becky Vose, Legal Department (407) 448-0111.

Strategic Goal: City infrastructure improvements and related funding.

LOCATION:

City-wide

BACKGROUND:

Burton & Associates presented its City of Deltona Water & Sewer Rate Study Final Report dated September 28, 2015, ("Report") to the Deltona Commission, and such Report was approved by the Deltona City Commission. That Report provided an impact fee analysis regarding the City of Deltona's water and wastewater impact fees, including updating the level of the fees to reflect current costs, and setting forth a comparison of the City of Deltona's fees to those of other local utility systems. The Report determined that assuming 100% cost recovery, the City's current unit cost of water capacity is 31% or \$443 higher than the current water system impact fee, and the cost of sewer capacity is 51% of \$1,714 higher than the current sewer impact fee. The Deltona City Commission previously determined that it was in the best interest of the City of Deltona to base the water impact fees on 100% cost recovery, and the sewer impact fees on 75% cost recovery. This ordinance is necessary to finalize such updated water and sewer impact fees.

COST:

N/A

SOURCE OF FUNDS:

N/A

ORIGINATING DEPARTMENT:

Becky Vose, Legal Department

STAFF RECOMMENDATION PRESENTED BY:

Gerald Chancellor, Public Works (386-878-8998) - Staff recommends approval on first reading on Ordinance No. 15-2016, updating Water and Wastewater Impact Fees, and to schedule second and final reading for March 21, 2016.

AGENDA ITEM:C.

POTENTIAL MOTION:

“I move to adopt on first reading Ordinance No. 15-2016, updating Water and Wastewater Impact Fees, and to schedule second and final reading for March 21, 2016.”

ORDINANCE NO. 15-2016

**AN ORDINANCE OF THE CITY OF DELTONA, FLORIDA,
UPDATING WATER AND SEWER IMPACT FEES; AND
PROVIDING FOR CONFLICTS, SEVERABILITY AND
EFFECTIVE DATE.**

WHEREAS, Burton & Associates presented its City of Deltona Water & Sewer Rate Study Final Report dated September 28, 2015, (“Report”) to the Deltona Commission, and such Report was approved by the Deltona City Commission; and

WHEREAS, the Report provided an impact fee analysis regarding the City of Deltona’s water and wastewater impact fees, including updating the level of the fees to reflect current costs, and setting forth a comparison of the City of Deltona’s fees to those of other local utility systems; and

WHEREAS, the Report determined that assuming 100% cost recovery, the City’s current unit cost of water capacity is 31% or \$443 higher than the current water system impact fee, and the cost of sewer capacity is 51% of \$1,714 higher than the current sewer impact fee; and

WHEREAS, the Deltona City Commission determined that it was in the best interest of the City of Deltona to base the water impact fees on 100% cost recovery, and the sewer impact fees on 75% cost recovery;

WHEREAS, this ordinance is necessary to finalize such updated water and sewer impact fees.

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

Section 1. The Water Impact Fee is hereby updated to \$1,872 per equivalent residential connection (ERC).

Section 2. The Sewer Impact Fee is hereby updated to \$3,817 per equivalent residential connection (ERC).

Section 3. Conflict. All Ordinances or Resolutions, or parts of Ordinances or Resolutions insofar as they are inconsistent or in conflict with the provisions of this Ordinance are hereby repealed to the extent of any conflict.

Section 4. 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 5. Effective Date. This Ordinance shall take effect on May 19, 2016 (which is 91 days after the advertisement of this Ordinance).

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

First Reading: _____

Advertised: _____

Second Reading: _____

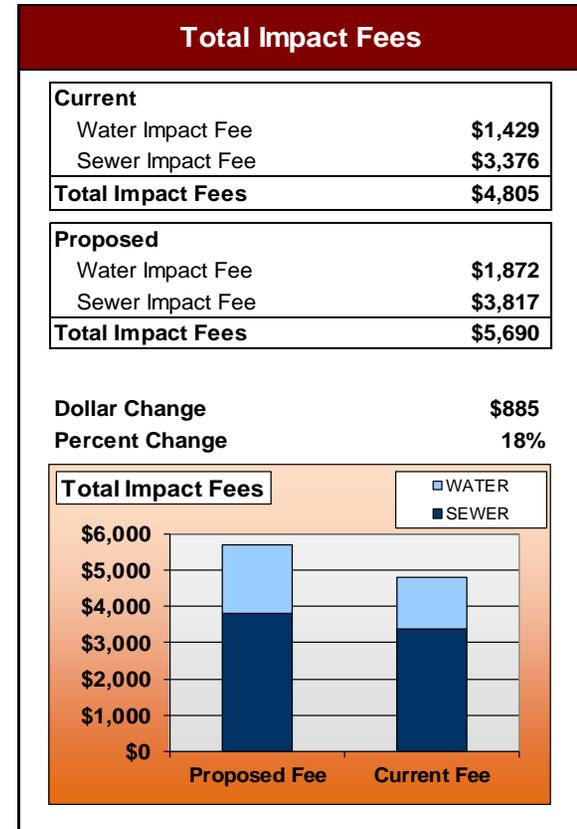
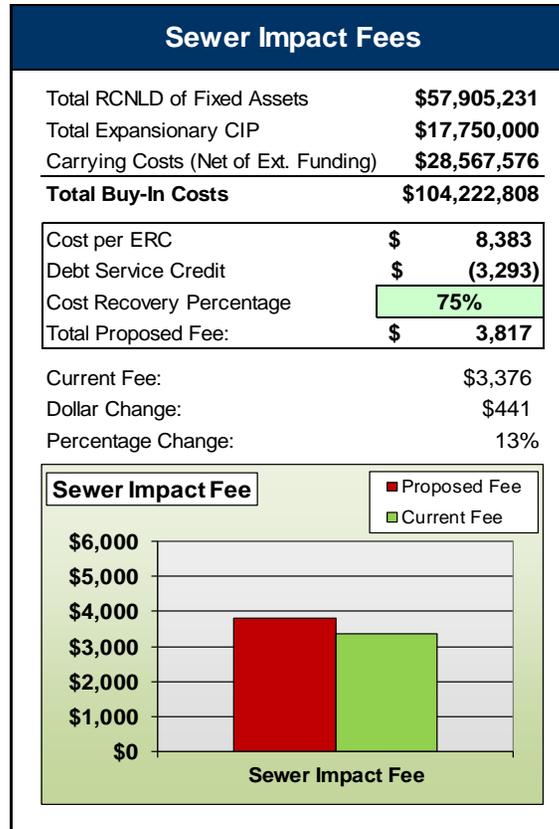
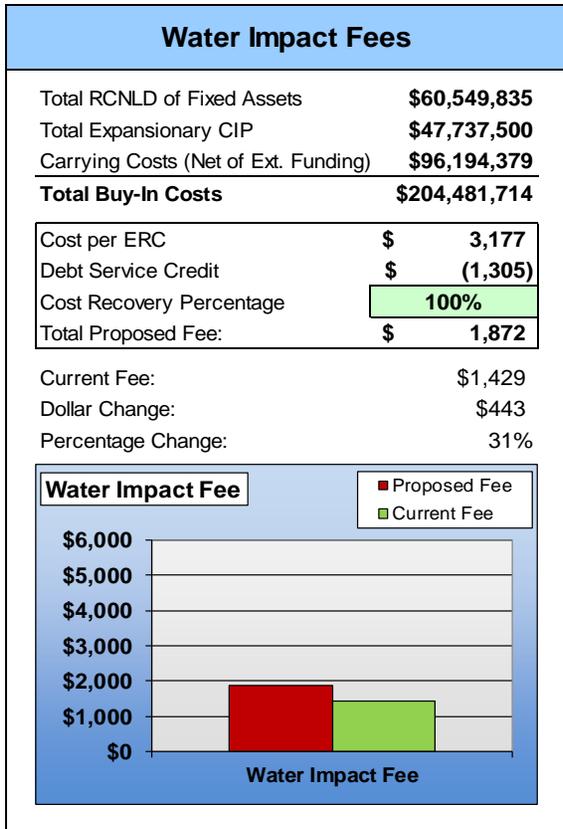
BY: _____
JOHN C. MASIARCZYK, SR., Mayor

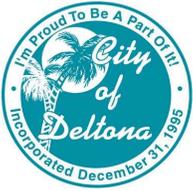
ATTEST:

JOYCE RAFTERY, CMC, City Clerk

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

GRETCHEN R. H. VOSE, ESQ., City Attorney





Agenda Memo

AGENDA ITEM:D.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 9 - D

SUBJECT:

Public Hearing - Ordinance No. 04-2016; Land Development Code Amendment Phase III - Chris Bowley, Planning and Development Services, (386) 878-8602.

Strategic Goal: Economic Development; Update the Economic Development Plan, including the Land Development Code (LDC).

LOCATION:

N/A

BACKGROUND:

Since 2011, the City Commission has adopted a series of amendments to the LDC to achieve a variety of goals (Phase I, Organizational Improvements and Phase II-A and Phase II-B, substantive changes). This LDC amendment (Phase III) includes additions, deletions, and revisions to certain provisions of Chapter 70 Section 30, "Definitions"; Chapter 74, "Administration"; Chapter 75, "Site Plan"; Chapter 86, "Concurrency Management"; Chapter 94, "Impact Fees"; Chapter 96, "Improvements"; Chapter 98, "Natural Resources Protection"; Chapter 106, "Subdivisions"; and Chapter 110, "Zoning". The proposed amendments advance the goal of further improving the effectiveness and efficiency of the LDC and is a strategic goal of the City, as well.

The City Commission was briefed on this amendment at their September 14, 2015, Commission Workshop. A public information meeting was held on November 4, 2015, in the City Commission Chambers to outline the amendment and to obtain public comment. Opportunities for further public comment were afforded through the City's website and information stations that were set up in City Hall and the Deltona Library. Planning and Development Services also worked with the City's Economic Development Manager to distribute the draft to various business associations for review and comment. Through this process, a limited number of comments were received from the general public and the reply from the business community was positive. The Planning and Zoning Board heard this Ordinance at their regularly scheduled meeting on February 17, 2016, and voted 5-0 to recommend that the City Commission adopt Ordinance No. 04-2016; with one member absent and one member abstaining due to his new appointment to the Board.

COST:

N/A

SOURCE OF FUNDS:

N/A

AGENDA ITEM:D.

ORIGINATING DEPARTMENT:

Planning and Development Services

STAFF RECOMMENDATION PRESENTED BY:

Chris Bowley, AICP, Director, Planning and Development Services - Staff recommends that the City Commission approve Ordinance No. 04-2016, amending the Code of Ordinances Subpart B, Land Development Code, by adding, revising, and deleting certain provisions of Chapter 70 Section 30, "Definitions; Chapter 74, "Administration"; Chapter 75, "Site Plan"; Chapter 86, "Concurrency Management"; Chapter 94, "Impact Fees"; Chapter 96, "Improvements"; Chapter 98, "Natural Resources Protection"; Chapter 106, "Subdivisions"; and Chapter 110, "Zoning", as presented in Exhibit A, at first reading and to schedule the second and final reading on April 4, 2016.

POTENTIAL MOTION:

"I hereby move to approve Ordinance No. 04-2016, amending the Code of Ordinances Subpart B, Land Development Code, by adding, revising, and deleting certain provisions of Chapter 70 Section 30, "Definitions; Chapter 74, "Administration"; Chapter 75, "Site Plan"; Chapter 86, "Concurrency Management"; Chapter 94, "Impact Fees"; Chapter 96, "Improvements"; Chapter 98, "Natural Resources Protection"; Chapter 106, "Subdivisions"; and Chapter 110, "Zoning", as presented in Exhibit A, at first reading and to schedule second and final reading on April 4, 2016."

ORDINANCE NO. 04-2016

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA, AMENDING CODE OF ORDINANCES SUBPART B, LAND DEVELOPMENT CODE, BY ADDING, REVISING, AND DELETING CERTAIN PROVISIONS OF CHAPTER 70, SECTION 30 “DEFINITIONS”; CHAPTER 74, “ADMINISTRATION”; CHAPTER 75, “SITE PLAN”; CHAPTER 86, “CONCURRENCY MANAGEMENT”; CHAPTER 94, “IMPACT FEES”; CHAPTER 96, “IMPROVEMENTS”; CHAPTER 98, “NATURAL RESOURCES PROTECTION”; CHAPTER 106, “SUBDIVISIONS”; AND CHAPTER 110, “ZONING”; PROVIDING FOR CONFLICTS, SEVERABILITY, CODIFICATION, AND AN EFFECTIVE DATE.

WHEREAS, the City of Deltona amended Code of Ordinance Subpart B, Land Development Code, by revising and organizing Chapters 70 through 110, via Ordinance No. 19-2011, adopted on November 7, 2011; and

WHEREAS, such amendments have established a foundation to enable the City to introduce more substantive and community-based changes; and

WHEREAS, on June 17, 2013, Phase II-A of the Land Development Code amendments was adopted by the City Commission via Ordinance No. 06-2013; and

WHEREAS, on February 3, 2014, Phase II-B of the Land Development Code amendments was adopted by the City Commission via Ordinance No. 18-2013; and

WHEREAS, these Phase III amendments include further improvements to the Land Development Code, Chapter 70 Section 30, Chapter 74, Chapter 75, Chapter 86, Chapter 94, Chapter 96, Chapter 98, Chapter 106, and Chapter 110, by adding, deleting, and revising certain sections; and

WHEREAS, the Planning and Zoning Board held a public hearing on February 17, 2016, and forwarded its recommendations to the City Commission.

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

Section 1. Code of Ordinances Subpart B, Land Development Code, is hereby amended as follows:

See Exhibit A, Land Development Code Amendments, attached hereto

Section 2. Conflicts. In case of conflict between this chapter, or any part thereof, and the whole or any part of any other existing Ordinance, the other Ordinance shall be repealed to the extent of any such inconsistency.

Section 3. 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 4. 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 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

PHASE III

SUMMARY OF THE LDC PROPOSED AMENDMENTS

The content of this document summarizes LDC changes. This particular document is for reference only and is not to be considered part of the ordinance packet.

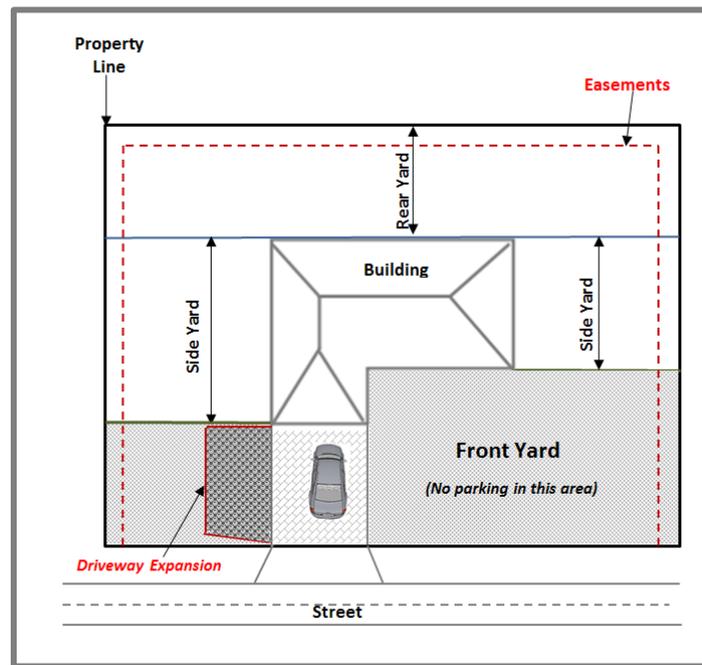
February 1, 2016

Chapter 70. GENERAL PROVISIONS

Sec. 70-30. Definitions

Carport: a roofed structure providing space for the parking of motor vehicles and enclosed on not more than three (3) sides.

Driveway Expansion (Residential): Area adjacent to the permitted permanent driveway consisting of concrete, asphalt, crushed rock, gravel, mulch, shell, or other similar material.



~~**Dwelling, standard:** dwelling unit on the site where it is to be occupied and constructed to the Standard Building Code as promulgated by the Southern Building Code Congress and current Florida Building Code as adopted by the Deltona City Commission.~~

~~**Model home center:** one or more model homes developed on a site that is located in any non-residential zoning district, including the professional business district (PB) zoning district. Model home centers are prohibited in residential zoning districts.~~

~~**Non-concurrency affidavit:** document signed by an applicant which defers the application for a certificate of capacity and acknowledges that:~~

- ~~(1) The issuance of building permits or final development orders are subject to the requirements of this article for obtaining a determination of capacity, a certificate of capacity reservation; and~~

~~(2) No vested rights to obtain building permits or final development orders, or any other rights to develop the subject property have been granted or implied by the City's approval of the preliminary development order.~~

~~**Preliminary development order:** rezoning, special exception, planned unit development, subdivision sketch plan or overall development plan, conceptual or preliminary site plan, or any other development order other than a final development order, except an [authorized] variance.~~

Private Road: a privately owned road that is privately maintained and allows access to one or more parcels, lots, residences, or places of business, that may or may not be open to the public to travel and whereby public and private vehicles may be requested from time to time by owners to use the roadway to provide reasonable and customary services and is maintained by a private entity or Property Owners Association.

Right-of-way: an easement or dedicated strip of land ~~owned by the City~~, occupied or intended to be occupied by a street, sidewalk, crosswalk, railroad, electric transmission line, oil or gas pipeline, water main, sanitary or storm sewer main, or for others similar uses.

Semi impervious: land surfaces that partially restrict the penetration of water; such as porous concrete and asphalt pavements, gravel, lime rock and certain compacted soils.

Shed: an accessory structure or building used primarily for storage of materials and equipment affiliated with the principal structure or building.

~~**Subdivision home sales center:** those sites approved pursuant to chapter 110 as model home sales centers in subdivisions.~~

Xeriscaping™: landscaping techniques that uses slow-growing, drought-tolerant plants to conserve water.

Sec. 70-31. Abbreviations

~~**ODP:** Overall Development Plan Development Order~~

Chapter 74 ADMINISTRATION

Sec. 74-1. Administration

(c) *Planning and Development Services Department.*

- (1) *Duties and responsibilities.* The duties and responsibilities of the Planning and Development Services Department shall include:
 - a. Being a central intake point for applications;
 - b. Reviewing applications for completeness;
 - c. Acting as a liaison between applicants and the DRC;
 - d. Preparing and distributing agendas and reports for meetings of the DRC, P&Z, and the City Commission;
 - e. Taking and preparing the minutes of all DRC meetings;
 - f. Comparing and ensuring final ~~construction plans~~ Engineering Construction Plans and ~~f~~Final pPlats with an approved Development Order to ensure consistency;
 - g. Coordinating application review procedures;
 - h. Issuing concurrency certificates of capacity;

- i. Issuing Development Orders and development permits, as applicable, in compliance with the requirements and procedures of requisite City Ordinances;
- j. Obtaining validation from the applicant regarding the recordation of final subdivision plats with the Volusia County Clerk of the Circuit Court; and
- k. Performing other functions, as may be assigned by the Director of Planning and Development Services.

ARTICLE III. USE PERMIT

Sec. 74-51. Regulations.

- ~~(a) Purpose. The purpose of this article is to regulate the location, installation or adjustment of any facility on or under city rights of way, traveled ways or easements or other city owned property (city property), including canals and drainage easements or ditches by any person.~~
- ~~(b) Permit required. Any person placing, installing or adjusting any facility on city property shall have been issued a use permit prior to the commencement of construction. Facilities include driveways with access to city roads, utility lines and equipment, and traffic control devices. A copy of the City of Deltona Use Permit is attached hereto and incorporated herein by reference as Exhibit "A".*~~

~~*Editor's note: Exhibit "A" follows § 74-59.~~

- ~~(c) Jurisdiction. This article shall apply to and be enforced on all City property.~~
- ~~(d) Application procedure. Notwithstanding any other articles of this chapter, an application for a use permit shall be filed, processed and approved as follows:~~
- ~~(1) An application for a use permit shall be filed with the city engineer or designee and the required filing fee paid.~~
 - ~~(2) Three copies of the required submittals shall be submitted with the application. The submittals shall meet the requirements of this chapter and contain the following information:~~
 - ~~a. A vicinity map showing the work area location at a scale of one inch equals 2,000 feet;~~
 - ~~b. The offset from the center line of the right of way or road to the proposed facility;~~
 - ~~c. The road right of way and pavement width;~~
 - ~~d. The distance from the edge of the traveled way to the facility and the location of all other utilities within the work area;~~
 - ~~e. One or more typical cross sections as required by the city engineer to adequately reflect the location and construction details of the proposed facility;~~
 - ~~f. The minimum vertical clearance above or below the road, ground or pavement;~~
 - ~~g. Any other information required by the city engineer; and~~
 - ~~h. Ordinance number and date of issue and/or copy of the franchise issued to the applicant for use of the right of way.~~
 - ~~(3) The city engineer shall determine the completeness of the application within three working days of filing. (4) Upon receipt, the city engineer shall review the application. If the application meets all of the requirements of this article, it shall be approved within seven working days of receipt. Incomplete applications shall be returned to the applicant.~~

~~(5) If the application has been approved, the city engineer shall issue the use permit within two working days. If the application has been denied, the city engineer shall immediately notify the applicant. If denied, the applicant or any aggrieved person may refile in accordance with the provisions of this subsection, as for a new application, the applicant or any aggrieved person may appeal the denial to the DRC, as provided in subsection 74-2(g).~~

~~(6) A guarantee of completion (bond or letter of credit) of the permitted construction may be required by the city engineer if in his/her opinion the proposed construction would constitute a significant traffic hazard if not completed as proposed. Such guarantee shall be the same as established in subsection 96-76(a) and shall be returned to the permittee upon satisfactory completion of construction or shall be used to ensure completion of construction by the city where construction is not satisfactorily completed.~~

~~(7) The use permit may be revoked by the city engineer for reasons of public safety or public nuisance.~~

~~(e) *Prohibited structures.* Any sporting equipment temporarily or permanently placed (e.g. basketball goals) or homemade or other non-conforming traffic control devices are strictly not permitted as a matter of safety. Violators shall be subject to the fine provisions of this article.~~

~~(Ord. No. 96-25, § 1(601), 3-4-1996; Ord. No. 03-98, § 1(601.01-6.1.05), 2-2-1998; Ord. No. 18-98, § 1, 8-17-1998)~~

Sec. 74-52. Stipulations.

~~(a) *Permissive use.* A use permit is a license for a permissive use only, and the placing of facilities upon city property pursuant to the permit shall not operate to create or to vest any property right in the holder thereof. The issuance of a use permit does not relieve the permittee of the need for obtaining a franchise and any other permits that may be required by the appropriate authorities. The permittee shall be responsible for maintenance, repair and restoration of right of way (ROW), which may include but is not limited to drainage swales, sodding, or sidewalks of all such facilities permitted except for those conveyed to the public and accepted for maintenance by the City.~~

~~(b) *Assumption of risk.* The rights and privileges herein set out are granted only to the extent of the City's right, title and interest in the land to be entered upon and used by the applicant; and the applicant shall at all times assume all risk of and hold harmless, indemnify and defend the City from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by the applicant of the aforesaid rights and privileges.~~

~~(c) *Encroachment or interference.* The construction and/or maintenance of a utility or facility shall not interfere or encroach upon the property and rights of a prior occupant.~~

~~(d) *Relocation or protection of facilities.* In the event of widening, repair, reconstruction or improvement of city property, including but not limited to installation of pavement, drainage structures or sidewalks, the permittee shall, upon notice by the city engineer, relocate or protect existing facilities to clear such construction at no cost to the City.~~

~~(Ord. No. 96-25, § 1(602), 3-4-1996; Ord. No. 03-98, § 1(602.01-602.04), 2-2-1998; Ord. No. 18-98, § 2, 8-17-1998)~~

Sec. 74-53. Supporting regulations.

~~(a) *City, county, state and federal regulations and specifications.* When applicable, the provisions of the latest editions of the following references shall apply:~~

~~(1) This chapter;~~

~~(2) "FDOT Standard Specifications for Road and Bridge Construction";~~

- ~~(3) Regulations for the transportation of natural and other gas by pipelines (Parts 191 and 192, Title 49 of the Code of Federal Regulations);~~
- ~~(4) "USDOT Manual on Uniform Traffic Control Devices";~~
- ~~(5) "FDOT Utility Accommodation Guide";~~
- ~~(6) "FDOT Minimum Standards for Streets and Highways";~~
- ~~(7) The City of Deltona Zoning Ordinance;~~
- ~~(8) FDOT Roadway and Traffic Design Standards;~~
- ~~(9) Florida Stormwater, Erosion and Sedimentation Control Inspector Manual.~~

~~(b) *Conflict of regulations.* In the event of a conflict between the regulations and specifications referred to in subsection 74-53(a) above, and the other provisions of this article, the most restrictive shall apply.~~

~~(Ord. No. 96-25, § 1(603), 3-4-1996; Ord. No. 03-98, § 1(603.01, 603.02), 2-2-1998; Ord. No. 43-2005, § 3, 1-3-2006)~~

~~Sec. 74-54. Qualifications of permittee.~~

~~(a) Subject to possession of a franchise or as otherwise approved by the city commission and satisfaction of and compliance with requirements contained herein, a use permit may be issued to the following:~~

- ~~(1) *Utility companies.* Utility corporations or companies (including county and municipal utilities) that will be servicing the installed facility.~~
- ~~(2) *Contractors.* Contractors responsible for the installation of any utility facility or structure subject to these regulations.~~
- ~~(3) *Private citizens.* Private citizens, corporations or organizations with a reasonable and legitimate purpose in using the right of way, which purpose poses no threat or danger to the public health, safety or welfare.~~
- ~~(4) *Underground utility contractors.* Underground utility contractors must hold a current county or State of Florida general contractor's certificate, or a current county or State of Florida plumbing contractor's certificate. The City may require prequalification of the contractor for the type of work to be performed.~~

~~(Ord. No. 96-25, § 1(604), 3-4-1996; Ord. No. 03-98, § 1(604.01-604.04), 2-2-1998; Ord. No. 18-98, § 3, 8-17-1998)~~

~~Sec. 74-55. Exceptions.~~

~~(a) *Service connections without pavement cuts.* Scheduled short side service connections, including but not limited to water and sewer hookups with no pavement cut or road crossings and all scheduled maintenance repair (i.e., pole replacement with no change in location or alignment, splice pits, etc.) in the right of way where limits of excavation are not in or within six feet of the edge of the traveled way, will not require a use permit; however, prior notification of the commencement of such work shall be given to the city engineer before starting work.~~

~~(b) *Relocations requested by the city.* On any city construction project where facilities on city property are requested by the City to be relocated, a use permit shall be required. An application shall be submitted by the person responsible for the relocation as required by subsection 74-51(b), but no fee will be charged, providing there is no expansion of the facilities involved.~~

~~(c) *Emergency repair.*~~

~~(1) A disruption in any utility service shall constitute an emergency. Emergency repairs may be performed without obtaining a use permit prior to such repair. Emergency repair work shall be completed in accordance with applicable directives from the City or other authority as expeditiously as possible. During normal City working hours, verbal approval for the emergency work shall be obtained from the public works department. If emergency work is required at night, on weekends or holidays, the public works department shall be notified of all emergency repair work by 10:00 a.m., the first workday following beginning of such repair work. An application for a use permit shall be submitted within two working days following commencement of emergency repair work. The person, company or utility performing the emergency repair work shall be exempt from the requirements of section 74-56 for prior notification to other agencies, with exception of gas utility companies, but shall notify those agencies by 10:00 a.m., the day following the commencement of the emergency repair work.~~

~~(2) Notification to gas utility companies. Notification to gas utility companies shall be accomplished prior to commencement of any emergency work. This may be accomplished by telephone or other expeditious method.~~

~~(d) Performance criteria. For those situations described in subsections (a), (b) and (c), all work must be performed in compliance with the other provisions of this article and all other applicable laws and regulations.~~

~~(e) City commission approved construction projects. City construction projects on city property which have been approved by the city commission shall comply with the permitting provisions of this article, but not otherwise require a R-O-W use permit.~~

~~(Ord. No. 96-25, § 1(605), 3-4-1996; Ord. No. 03-98, § 1(605.01-605.05), 2-2-1998)~~

~~Sec. 74-56. Notification to other agencies.~~

~~(a) Notification required by city engineer. Notification to gas utility companies shall be accomplished prior to commencement of the permitted work. If required by the city engineer, the applicant shall notify in writing all other users of city property in the immediate vicinity of the permitted work, in order to determine if there are any objections to it. Any objections to the permitted work by affected right of way users must be forwarded in writing to the applicant and to the city engineer within seven days of the said letter. Except as herein provided, the city engineer may hold a permit application for a period not to exceed seven days, to allow time for the receipt of objections to the permitted work. The seven days period may be waived if the applicant includes proof that other affected right of way users have been notified and that said users have no objections to the issuance of the use permit.~~

~~(b) Verification of notification. The applicant shall verify the notification to other users by submitting the proof called for in subsection (a) and completing the section provided in the application for such verification. It is the full and complete responsibility of the applicant to determine that all other users are notified of the proposed work. Any work performed without such notification, shall be at the sole risk of the applicant.~~

~~(c) Gas notification number. Pursuant to the provisions of F.S. § 553.851, as amended, all applicants will indicate on the permit application, if required, the gas notification number immediately following the gas company's name. No permit for excavation of the right of way will be issued until the applicant has certified his compliance with F.S. § 553.851(2)(a) and (c), as amended.~~

~~(Ord. No. 03-98, § 1(606.01-606.03), 2-2-1998)~~

~~Sec. 74-57. Responsibility for compliance.~~

~~(a) The applicant assumes full and total responsibility for compliance with this article, supporting regulations, additional requirements of the city commission, any municipal, city, state or federal laws, ordinances or other directives which may apply to the proposed work.~~

Sec. 74-58. Utility location standards.

- ~~(a) *Protection of right of way.* The primary concern in the design and location of utility installations is protection of the right of way and the safety of the road user, and in all cases full consideration shall be given to sound engineering principles and economic factors.~~
- ~~(b) *Underground facilities.* Where possible, all longitudinal underground utility facilities shall be placed outside of four feet of the traveled way.~~
- ~~(c) *Location to consider future road widening and other facilities.* Proposed location of poles, fire hydrants, water meters, etc., should take into consideration future road widening, sidewalk, storm drainage or other construction. Minimum guidelines for roadside recovery area shall be as shown in the latest edition of the "FDOT Minimum Standards for Streets and Highways." (Green Book). Deviations require approval by the city engineer.~~
- ~~(d) *Water meter boxes.* Water meter boxes shall not be placed within the limits of a proposed or existing sidewalk.~~
- ~~(e) *Fire hydrants.* Fire hydrants shall be located no closer to the road travel way than that required for recovery areas by the Green Book. If no sidewalks exist, the hydrant should be located approximately one foot inside the right of way line. Where sidewalks are required, the desired location of the fire hydrant shall be between the sidewalk and the street with said location dependent on street design speeds and rights of way. Deviations shall require approval by the city engineer.~~
- ~~(f) *Prohibited structures, signs, signals.* Pursuant to F.S. § 316.077, no person shall place, maintain or display upon any city property any unauthorized sign, signal, marking or device which purports to be or is an imitation of or resembles an official traffic control device or railroad sign or signal, or which attempts to direct the movement of traffic or which hides from view or interferes with the effectiveness of any official traffic control device or any railroad sign or signal. No person shall place or maintain upon any city property any sign or signal bearing thereon any commercial advertising.

Every such prohibited sign, signal or marking is declared to be a public nuisance and a violation of this chapter, and the enforcement official is empowered to remove the sign or cause it to be removed without notice.~~
- ~~(g) *Mail boxes and newspaper delivery boxes.* The locations and construction of mail boxes, newspaper delivery boxes and similar structures shall be in accordance with the latest edition of "A Guide for Erecting Mail Boxes on Highways" by the AASHTO. Any such existing structure not in conformance with this section may be required to be made to conform with this section if the city engineer determines such existing structure to be a traffic hazard.~~
- ~~(h) *Headwalls and drainage inlets.* Headwalls and drainage inlets shall not constitute a hazard to traffic and shall be designed in accordance with "FDOT Standard Specifications for Road and Bridge Construction" and "FDOT Roadway and Traffic Design Standards."~~

Sec. 74-59. Permits and inspections.

- ~~(a) *Copy to applicant.* Upon approval of the application, one copy of the approved plans and the use permit will be returned to the applicant.~~
- ~~(b) *Permit available on site.* The use permit must be available at all times at the work site while work is being performed. Any work in progress on, or use of, city property without a valid use permit available at the site shall be suspended until such time as a valid use permit is produced on the site.~~
- ~~(c) *Permit valid for one year.* The use permit for construction is valid for a period not to exceed one year from date of issuance. The expiration date will appear on the permit. No work will be performed under an expired permit. Prior to expiration, a request for an extension may be submitted to Building~~

~~and Enforcement Services Department and Engineering Department. Extension requests shall be submitted a minimum of 30 days prior to the expiration date of the permit. Only one 90-day extension may be granted.~~

- ~~(d) *Modification of permits.* Letter requests for modification of permits will be processed in accordance with provisions of sections 74-56 through 74-60 hereof. The letter requesting modification must contain the appropriate gas company's name, the gas notification identification number, and to expedite processing, a statement that the other right-of-way users have no objection to the requested modification.~~
- ~~(e) *Inspection and approval of materials and work.* The city engineer or designee shall have the right to inspect and approve materials and/or phases of permitted work at any time. Final inspection and acceptance of the permitted work by the city engineer must be obtained prior to completion of the work. Work will be considered incomplete until that portion of the permit indicating final inspection and approval has been signed and dated by the inspector.~~
- ~~(f) *Notice to city for subterranean road crossing.* The permittee shall notify the city engineer at least 48 hours prior to beginning work, and prior to commencing any subterranean road crossing, whether by open cutting, boring, jacking, pushing, pulling, driving, or some combination of these. The date, time and location regarding these scheduled subterranean crossings must be given at the time of this notification.~~
- ~~(g) *Underground facilities.* Underground facilities (buried cable, water lines, etc.) will not be covered until approved by the city inspector, either through on-site inspection or prior authorization.~~
- ~~(h) *Failure to obtain inspections.* Failure of the permittee to obtain the appropriate inspections prior to proceeding with work shall not relieve the permittee from re-excavation or other measures necessary for the inspection of the work.~~
- ~~(i) *Correction of noncompliance.* Any and/or all items found not to be in compliance with these regulations will be immediately corrected by the permittee.~~
- ~~(j) *Permit termination.* The inspector's signature on the completion line on the permit terminates that permit, and no further work may be done under the permit except repairs as directed by the city engineer.~~

Exhibit A
RIGHT-OF-WAY USE PERMIT
-City of Deltona

Building and Zoning Services
 2345 Providence Blvd. Deltona, Florida 32725
 Telephone: ~~386-878-8650~~ Fax: ~~386-878-8651~~

This Permit MUST be available on the job site.

Date: _____ **Permit** _____

Permittee:	Site Address
Name	Address
Address	
City, State Zip	Parcel ID Number
Telephone Number	Fax Number
PERMITS SHALL BE ISSUED TO PROPERTY OWNERS, LICENSED CONTRACTORS, AND UTILITY	

FRANCHISE HOLDERS ONLY.

This permit is to certify that the above named permittee has permission to:

___ Driveway Construction Only: ___ Residential ___ Commercial

___ Yes ___ No _____ SPECIAL PROVISION

Notification **MUST** be made to Property Owners / Occupants along the planned route / construction zone of the work as outlined in the Use Permit.

Inspection Record: (Initial and Date) _____

ROADWAY	CABLE TV	TELEPHONE	WATER/ SEWER	POWERLINES OVERHEAD	POWERLINES UNDER GROUND	OTHER
----------------	-----------------	------------------	-------------------------	--------------------------------	------------------------------------	--------------

****THIS PERMIT EXPIRES ONE YEAR FROM DATE OF ISSUANCE****

Permittee must call the Sunshine State One-Call of Florida Inc. at 811, Not Less than Two Nor More than Five Business Days Before Beginning Excavation— See Attached Instructions and Conditions

Issued By:

Steve Roland, Building Official _____ Date

Gerald Chancellor, P.E. City Engineer _____ Date

INSTRUCTIONS AND CONDITIONS

The issuance of this permit is governed and regulated by the following applicable directives:

- ~~Florida State Statutes, Chapter 124.42;~~
- ~~Chapter 77-153, Laws of Florida, Protection of Gas Pipelines;~~
- ~~City of Deltona, Land Development Code;~~
- ~~Regulations for the Transportation of Natural and Other Gas by Pipelines (Parts 1-1 & 192, Title 49 of the Code of Federal Regulations); and~~
- ~~Any additional requirements of the City Codes and Ordinances.~~

~~It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the City's right, title and interest in the land to be entered upon and used by the permittee; and the permittee will at all times, assume all risk of and indemnify, defend and save/hold harmless the City of Deltona from and against all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said permittee of the aforesaid rights and privileges.~~

~~Permittee declares that prior to filing this permit, he has ascertained the location of ALL existing utilities, both aerial and underground.~~

~~It is expressly stipulated that this permit is a license for permissive use only and that the placing of facilities upon public property pursuant to this permit shall not operate to create or to vest any property right in said holder. The construction and/or maintenance of a utility shall not interfere with the property and rights of a prior occupant.~~

~~In the event of widening, repair or reconstruction of such road or highway, upon reasonable notice, the permittee shall move its facilities to clear such construction at no cost to the City of Deltona, insofar as such facilities are within the public right-of-way.~~

THIS PERMIT IS TO CERTIFY THAT THE PERMITTEE HAS PERMISSION TO:

- Install driveway and apron: with culvert without culvert
- Install pipe, cable, duct or other underground utility along ROW
- Install poles or other overhead utility along ROW
- Install retaining wall or other encroachment
- Other Description: _____

SPECIAL CONDITIONS

- 1. Apron must be 2.5 feet wider on each side of the driveway at the street where it meets the pavement edge.
- 2. Positive drainage in the ROW swale shall not be compromised.
- 3. Culvert under driveway shall be a minimum diameter of 15" with mitered ends and meet FDOT standards.
- 4. **NO** reinforcement in the ROW apron is allowed.
- 5. Concrete shall be a minimum of 6" in depth and 2,500 PSI compressive strength.
- 6. Guard rail or fence shall be installed.
- 7. Driveway surface or culvert invert shall match the existing swale grade and constructed to not impede flow.
- 8. **Please call 386-575-6900, 24 hours prior to pouring concrete for inspection/approval prior to pour.**

PENALTIES:

~~Any work that commences without the required permits available on the job site shall be immediately suspended until such time as the required permits have been acquired. A penalty fee for work commenced without a valid permit issued shall be charged in addition to the normal permit fee. The penalty fee shall be equal to the permit fee. *Emergency work is excluded from penalty fees.~~

~~Work performed without City inspections and approval is done so at permittee's and property owner's risk and may be subject to removal and replacement.~~

~~The undersigned permittee has read and acknowledges his/her understanding of this permit, instructions, and conditions. Accepted and acknowledged by:~~

Permittee/Applicant _____ Date

Revised 5/1/08

Sec. 74-60. Crossings.

- (a) ~~General considerations.~~ The normal crossing under paved surfaces will be made without cutting the pavement. Pavement cuts will be allowed on roads with a surface that has been in place for ten years or longer, and has a traffic count of 3,000 vehicles or less per lane per day. Requests for open street cuts on roads which do not meet these criteria will not be considered.
 - (1) ~~All subterranean crossings of a traveled way, 40 feet or more in length, shall require a tracked type bore and jack, with encased augur. Crossings less than 40 feet may be made by boring, jacking, pushing, pulling, driving or some combination of these.~~
 - (2) ~~Closed end jacking may be permitted for pipe with a maximum outside diameter of three inches. The pipe shall extend six feet from the edge of pavement.~~
 - (3) ~~All other pipe must be jacked with the end open or bore and jacked and extend a minimum of six feet beyond the edge of pavement or as directed by the city engineer.~~
 - (4) ~~If mechanical boring is used, the tip of the drill head shall not precede the end of the pipe by more than two inches.~~
 - (5) ~~The minimum depth of cover shall be 36 inches from the top of the pipe to the existing and proposed surface.~~
 - (6) ~~All such crossings shall be a continuous operation and be completed and the pits backfilled prior to ceasing the operation.~~

~~(7) Any deviation from approved materials, location or operation shall be grounds for stopping work, directing the plugging of the line with concrete, and restoring the area.~~

~~(b) Open street cuts.—~~

~~(1) Traffic maintenance. As a general rule, a minimum of one lane of traffic must be maintained at all times and adequate safety precautions taken. Any street closures will require a traffic plan submitted at least seven days in advance of the proposed closure and approved by the county traffic engineer. If a detour is contemplated, the complete detour route must be indicated. Inclusive dates of the proposed closure must be firm.~~

~~Prior to closing the street to traffic, the appropriate police and emergency (rescue, fire, etc.) agencies shall be notified. In addition, the county traffic engineer and Volusia County School Board Transportation Director shall be notified. Traffic control devices in accordance with the "USDOT Manual on Uniform Traffic Control Devices" shall be installed, and approved by the city engineer or designee prior to starting work.~~

~~(2) Unpaved streets. The top 12 inches of the excavation shall be stabilized with suitable materials to a condition equal to or better than existing surface. Compaction density of this layer shall equal 98 percent of maximum density as determined by AASHTO Specification T-180.~~

~~(3) Paved streets:~~

~~a. Pavement or roadway surfaces cut or damaged shall be replaced by the permittee in equal or better condition than the original, including stabilization, base course, curb and gutter, or other appurtenances.~~

~~b. Where existing pavement is to be removed, the surfacing shall be mechanical saw cut prior to trench excavation, leaving a uniform and straight edge, with minimum disturbance to the remaining adjacent surfacing. The width of cut for this phase of existing pavement removal shall be minimal.~~

~~c. The base shall be replaced in accordance with city requirements.~~

~~d. Immediately following the specified backfilling and compaction, the final roadway surface restoration shall be commenced as approved on the permit. Type S-3 or other asphalt, concrete or other material approved by the city engineer shall be used. In advance of final restoration, the existing asphalt surface shall be mechanically sawed straight and clean to the stipulated dimensions.~~

~~(Ord. No. 96-25, § 1(610), 3-4-1996; Ord. No. 03-98, § 1(610.01, 610.02), 2-2-1998)~~

~~**Sec. 74-61. Construction standards.**~~

~~(a) Street, curb, sidewalk, driveway. All street, curb, sidewalk, driveway curb, etc., construction shall be in accordance with this chapter.~~

~~(b) Approved pipe. Drainage pipe used in city right-of-way shall conform to FDOT Standard Specifications for Road and Bridge Construction. Pipes underneath traveled ways shall be reinforced concrete per FDOT standards, or equivalent alternative approved by the city engineer.~~

~~(c) Sanitary sewer and water installation. All work shall be in accordance with this chapter and current ANSI/AWWA and ASTM standards and specifications.~~

~~(d) Gas. The provisions of the National Standard Code for pressure piping as adopted by the Florida Public Service Commission shall apply.~~

~~(e) Overhead installations. All overhead installation shall comply with the current standards established by the State of Florida Department of Transportation.~~

~~(f) Buried cable.—~~

~~(1) Vertical clearance. Minimum vertical clearance for direct buried cable, conduit casings and duct systems is 36 inches below top of pavement and 30 inches below existing ground.~~

~~(2) Casings.~~

~~a. Casings will be required for crossing of underground utilities where the carried conduit is of insufficient strength due to composition or depth of cover.~~

~~b. Casings will be required for crossing under existing pavement where the carrier is of such composition that it cannot be installed in accordance with subsection 74-60(a). Any request for exception to the foregoing requirements must be fully justified in writing by the applicant.~~

~~(g) Storm drainage structures. Installation shall be in accordance with this chapter. Backfill and testing requirements shall be in accordance with subsection (h), below.—~~

~~(h) Backfill and compaction.—~~

~~(1) All trenches shall be backfilled with suitable material approved by the city engineer.~~

~~(2) Backfill shall be deposited in a minimum of two lifts. The first lift shall extend from the invert of the facility to one foot above the facility. The second lift shall extend from the top of the first lift to the top of surface or bottom of sub-base as applicable.~~

~~a. The first lift shall be installed in six inch layers and thoroughly compacted prior to placement of the second lift. Compaction shall equal 98 percent of maximum density AASHTO Specification T-180.~~

~~b. The remainder of the excavation shall be backfilled and compacted in layers compatible with the type of material and compaction equipment used. The density requirements as determined by American Association of State Highway and Transportation Officials (AASHTO), Specification T-180 shall equal 98 percent under the traveled way, and extending ten feet beyond the back of curb or curbed roadways, and on roadways with open drainage systems, extending ten feet beyond the edge of the traveled way.~~

~~c. Sub-grade and base density requirements are 95 percent of AASHTO Specification T-180 or T-134, as applicable.~~

~~(i) Traffic signals. Any permittee working at intersections where traffic signals are located shall contact the Volusia County Traffic Engineer, if such intersection is within the area of responsibility of Volusia County, for location of all underground signal wiring. Damages to signals or signal wiring will be the responsibility of the permittee. Repairs may be made by contract personnel, but must be made with the concurrence and under the requirements as set forth by the county traffic engineer. In some instances, repairs may be made by the city, with total costs paid by the permittee.—~~

~~(j) Traffic signs. When traffic signs are located within the area of approved installation or construction, the permittee is required to notify the city engineer, to arrange for removal or relocation. Costs incurred by the city for removal and resetting or relocation of signs shall be paid by the permittee. Curve line markings shall be of a type and standard approved by the city engineer based on safety and aesthetic concerns as set forth in city public works policy guidelines, as may from time to time be amended. Nonconforming or homemade devices shall be removed from within the rights-of-way without consent of the adjacent property owners at the discretion of the city engineer or designee.—~~

~~(k) Pavement markings.—~~

- ~~(1) Permittees that disturb or destroy current pavement markings shall be required to replace said pavement markings with approved reflectorized paint or plastic marking material and to restore such markings to their original condition, or better.~~
- ~~(2) When new turn, bypass, deceleration and/or acceleration lanes are constructed, a striping plan shall be submitted for approval by the city engineer. Striping shall be accomplished by the permittee in accordance with the approved plan.~~
- ~~(l) *Jetting or tunneling prohibited.* Jetting, except for hydraulic compaction, or tunneling within city rights-of-way is prohibited.~~
- ~~(m) *Driveway connection to city road.*~~
- ~~(1) A driveway connection on city property between an approved private driveway and a city maintained road shall be constructed to the requirements of this article, article IV, and specifications determined by the city engineer.~~
- ~~(2) A use permit shall be obtained prior to the commencement of construction of the connection, and a final inspection shall be approved pursuant to this article prior to the final approval of any development served by the connection.~~
- ~~(3) All one and two family residential home sites, agricultural and other undeveloped lands shall be served by driveways which meet the following standards:~~
- ~~a. Number of driveway entrances. Although a single driveway will typically serve each property, the following may be permitted:~~
- ~~1. One driveway may be permitted to serve an agricultural or vacant or undeveloped property. Such a driveway shall not effect location and configuration for future development uses (e.g. special exceptions, subdivisions, site plans, etc.)~~
- ~~2. Two driveways for a one and two family existing residential lot may be permitted if all the requirements of this section are met and if the minimum distance between the two driveways equals or exceeds 30 feet.~~
- ~~3. Three driveways entering a one and two family existing residential lot may be permitted if all of the requirements of this section are met and if the minimum distance between adjacent driveways equals or exceeds 100 feet.~~
- ~~4. No more than three driveways will be permitted for a one and two family existing residential lot.~~
- ~~b. *Driveway location limitations.*~~
- ~~1. No driveway shall be constructed in the radius return of an intersection.~~
- ~~2. No driveway shall be constructed with a corner clearance of less than 50 feet measured along the edge of the traveled way between the return radius and the nearest point of the driveway on or adjacent to thoroughfares. This distance may be reduced to 25 feet on local streets.~~
- ~~3. No driveway entrance shall include any public facility such as traffic signal standards, drainage inlets, crosswalks, loading zones, utility poles, fire alarm support, meter boxes, sewer cleanouts or other similar type structures.~~
- ~~4. No driveway shall be located closer than five feet from an adjacent property line.~~
- ~~5. No driveway shall be located less than five feet from objects such as utility poles, fire hydrants, streetlights, etc.~~

~~6. Existing driveway approaches shall not be relocated, altered, or reconstructed without prior approval. When the use of any driveway approach is changed making any portion or all of the driveway approach unnecessary, the developer of the abutting property shall obtain a permit to abandon the driveway approach and shall at their expense replace all necessary curbs, gutters and sidewalks.~~

~~e. Design requirements:~~

~~1. Drainage elements:~~

~~i. All driveways shall be constructed so as to not impede roadside drainage. For typical mild roadside swales, the driveway must conform to the swale shape and provide for continued positive drainage.~~

~~ii. For swales and ditches that cannot be conformed to, as referenced above, due to the depth, width, etc., a pipe is required under the driveway. The minimum pipe size is 15 inches in diameter; larger pipes may be required based upon field conditions.~~

~~iii. FDOT standard mitered end sections are required for all pipes installed in city rights of way.~~

~~(4) Driveway width:~~

~~a. Residential minimum width is ten feet and the maximum width is 24 feet (widths to be measured at the street right of way line).~~

~~b. Additional stabilized widening is required on each side of the driveway when crossing ditch sections.~~

~~c. The width of a curb opening shall not exceed the driveway width by more than five feet on each side.~~

~~d. Driveway width shall flare an additional minimum five feet starting at a point a minimum eight feet from the edge of a traveled way.~~

~~e. A 25-foot paved radius or equivalent chord return are required on thoroughfares with posted speeds of 45 m.p.h. or more on 3,000 ADT.~~

~~(5) Driveway materials:~~

~~a. Asphalt pavement structural section for residential driveway shall conform to the local street pavement requirements.~~

~~b. Concrete residential driveways shall be a minimum thickness of six inches without reinforcement.~~

~~c. Driveways are required to be paved within the public right of way along all existing paved roadways.~~

~~d. Unpaved driveways shall be a minimum of six inches of stabilized material.~~

~~(n) Restoration of sidewalks, curbs, driveways, etc. —~~

~~(1) Repair of these items requires that a saw cut be made at a joint if within five feet of either side of work location and all concrete within the area be removed and replaced to a condition equal to or better than existing at the commencement of construction, with like material.~~

~~(2) Asphaltic concrete shall be repaired or replaced by saw cutting the asphalt and base for the entire width and replacing the base and asphalt in accordance with the open street cut~~

requirements. In the event of longitudinal driveway cuts, it shall be replaced with a minimum width of 36 inches or as directed by the city engineer.

(Ord. No. 96-25, § 1(611), 3-4-1996; Ord. No. 03-98, § 1(611.01-611.14), 2-2-1998)

Sec. 74-62. Density testing--Open trench restoration.

(a) ~~Certified testing laboratory.~~ Density tests for determination of the specified backfill, base, etc., compaction shall be made by a certified testing laboratory approved by the city engineer and at the expense of the permittee. Test locations shall be at random locations and shall be spaced not more than 300 feet apart where the trench cut is continuous, unless otherwise approved by the city engineer. Tests shall be required for the first lift, second lift and the base. A copy of the laboratory report shall be submitted to the city engineer.

(b) ~~Spacing of tests.~~ For each test section, a minimum of one test is required for the first lift (up to one foot above the utility). Testing for the second lift backfill under the traveled way shall be a minimum of one test at two-foot vertical intervals for each crossing.

(1) Tests for second lift backfill in other areas will be at the discretion of the city engineer.

(2) A minimum of one density test for the base course for each 300 continuous feet of each road crossing shall be required.

(c) ~~Concrete compression.~~ Concrete compressive strength tests may be required at the option of the city engineer.

(d) ~~Unsatisfactory test results.~~ If any test results are unsatisfactory, the permittee shall reexcavate and recompact the backfill at his/her expense until the desired compaction is obtained. Additional compaction tests shall be made to each side of an unsatisfactory test, as directed by the city engineer, to determine the extent of reexcavation and recompaction necessary.

(Ord. No. 96-25, § 1(612), 3-4-1996; Ord. No. 03-98, § 1(612.01-612.04), 2-2-1998)

Sec. 74-63. Working hours.

Operations permitted by this regulation shall normally be conducted 7:00 a.m. to 7:00 p.m., Monday through Friday. Any deviation from these hours requires prior approval from the city engineer. Emergency repairs are excluded from this time restriction.

(Ord. No. 96-25, § 1(613), 3-4-1996; Ord. No. 03-98, § 1(613), 2-2-1998)

Sec. 74-64. Maintenance of traffic.

Unless otherwise provided, all roads within the limits of the permit shall be kept open to all traffic by the permittee. When approved by the city or county traffic engineer or an appropriate designee, traffic may be bypassed over an approved detour route. The permittee shall keep the portion of the project being used by the public traffic, whether it be through or local traffic, in such condition that traffic will be adequately accommodated. The permittee shall furnish, erect and maintain barricades, warning signs, delineators, flagmen or pilot cars in accordance with the "USDOT Manual on Uniform Traffic Control Devices." The permittee shall also provide and maintain in a safe condition, temporary approaches or crossings and intersections with trails, roads, streets, businesses, parking lots, residences, garages and farms. The permittee shall bear all expense of maintaining the traffic over the section of road undergoing construction and of constructing and maintaining such approaches, crossings, intersections and other features as may be necessary. Materials stored at the site of the work shall be so placed as to cause no obstruction to vehicular or pedestrian traffic. No roadway shall be closed or opened except by express permission of the city engineer or such other authorized public agency having jurisdiction.

(Ord. No. 96-25, § 1(614), 3-4-1996; Ord. No. 03-98, § 1(614), 2-2-1998)

Sec. 74-65. Restoration and cleanup.

- ~~(a) *Protection of monuments, section corners.* The permittee shall ensure that all monuments, section corners and property markers shall be protected and perpetuated during construction.~~
- ~~(b) *Liability for damage.* The permittee shall be liable for all damage, injury or loss to persons or property of any character arising from or resulting from any act of commission, omission, neglect or misconduct in the performance of work by the permittee, his employees or agents. The permittee shall be further liable for all damage, injury or loss to persons or property arising from or as a result of defective work or materials.~~
- ~~(c) *Area outside roadway.* Where any work disturbs the area outside the roadway, the permittee shall ensure that the area is completely restored in a manner acceptable to the city. Sod that is removed shall be replaced with the same type. Unsodded areas shall be graded and then seeded and mulched in accordance with this chapter. The permittee is responsible for establishing a dense stand of permanent type grass within a reasonable time. Trees and shrubbery that are removed or destroyed shall not be replaced. Grassing and mulching operations are to begin immediately after construction/installation has been completed.~~
- ~~(d) *Existing utilities.* Existing utilities that are damaged, destroyed or temporarily removed by the permittee shall be replaced or repaired at the expense of the permittee by the permittee to the satisfaction of the city or owner with no expense to the city or owner.~~
- ~~(e) *Debris and waste removal.* The permittee shall ensure that work site cleanup and property restoration follows construction/installation operations without delay. In order to maintain an acceptable site, debris and waste material shall be removed from the site immediately and daily trenching shall be coordinated to provide a minimum overnight trench opening. Site maintenance, along with ongoing cleanup and final property restoration, shall be subject to the direction and approval of the city engineer.~~

~~(Ord. No. 96-25, § 1(616), 3-4-1996; Ord. No. 03-98, § 1(615.01-615.05), 2-2-1998)~~

Sec. 74-66. Safety.

- ~~(a) The safety provisions of applicable laws, ordinances, building codes and construction codes shall be observed.~~
- ~~(b) The permittee will take all reasonable precautions for and be responsible for initiating, maintaining and supervising all programs relating to the safety of all persons and property affected by or involved in the performance of work under a use permit. The permittee will take all reasonable precautions to prevent damage, injury or loss to:~~
- ~~(1) All persons who may be affected by the performance of the work, including employees;~~
 - ~~(2) All materials and equipment at the work site location; and~~
 - ~~(3) All property at or surrounding the work site.~~
- ~~(c) In any emergency affecting the safety of persons or property, the permittee will act with reasonable care and discretion to prevent any threatened damage, injury or loss.~~

~~(Ord. No. 96-25, § 1(616), 3-4-1996; Ord. No. 03-98, § 1(616), 2-2-1998)~~

Sec. 74-67. Warranty.

- ~~(a) *One year from date of completion.* The permittee shall guarantee, in accordance with subsection 96-77(d)(3), all work performed under the terms of the permit for a period of one year from the date of completion as certified on the permit by the city engineer or designee.~~
- ~~(b) *Repair of failures within five days.* Any failure shall be repaired by the permittee, at the direction of the city engineer, within five working days, unless the urgency of the problem requires a quicker reaction time.~~

~~(Ord. No. 96-25, § 1(617), 3-4-1996; Ord. No. 03-98, § 1(617.01, 617.02), 2-2-1998)~~

Sec. 74-60 - - 74-68. Reserved.

Chapter 75. SITE PLAN

Sec. 75-3. Conceptual site plan review.

(a) *Necessity for filing.*

- (1) While there is no requirement to file a Conceptual Site Plan (CSP), all applicants ~~for a FSP are encouraged to request a pre-application meeting with staff and~~ have the option to file a CSP to the Planning and Development Services Department prior to submitting an application for [Final Site Plan \(FSP\)](#) approval. [The applicant is encouraged to participate in a pre-application meeting with appropriate City staff for CSP applications.](#) The applicant may begin site plan review by filing a FSP [application and including applicable fees.](#)

Sec. 75-4. Final site plan review.

- (a) *Procedures.* An application for an [Final Site Plan \(FSP\)](#) shall be filed and processed pursuant to Sections 74-3 and 74-4 of this Code. [Applicants for a Final Site Plan shall participate in a pre-application meeting with appropriate City staff.](#)
- (b) *Approval required.* Unless otherwise stated in this Chapter, the granting of a Final Site Plan (FSP) and associated Development Order is required prior to the issuance of any development permit allowing for the commencement of site construction activity for any development within the City. This Chapter does not address subdivision Preliminary Plat Development Order and Final Plat approvals consistent with Chapter 106. For information on subdivision Preliminary Plat Development Order and Final Plat approvals, see Chapter 106.
- (c) *Exempt development.* The following activities shall not require compliance with this Chapter, but may be subject to other Chapters:
 - (1) Construction of a single-family home and customary accessory structures on an existing single-family zoned lot.
 - (2) Construction of a duplex and customary accessory uses on an existing duplex zoned lot.
 - (3) The installation of those improvements, which are required to develop a subdivision and for which Development Order, plat approvals, and related permits have been issued, pursuant to Chapter 106.
 - (4) Agricultural production practices, which include fencing, drainage, irrigation, and other agricultural uses and structures, including portable structures, which do not conflict with existing City ordinances.
 - (5) Public buildings under 10,000 sq. ft., subject to ~~staff DRC administrative~~ review [to include at a minimum Planning and Development Services Department, Fire Department, and Public Works Department;](#) and final action, to ensure compliance with City ordinances and City Fire Codes.
- (d) *Required submittals.*
 - (1) *Final site plan (FSP) application.* A FSP application shall include the following information and exhibits drawn to a scale ~~of not less than~~ [preferred to be](#) one inch equals 60 feet; [however, shall be clearly legible regarding all content;](#)

Chapter 86 CONCURRENCY MANAGEMENT

Sec. 86-27. Certificate of capacity.

- (c) A determination of adequate capacity shall be provided for the following designated public facilities and services prior to the issuance of a development order for final site plans, master development plans (MDP), ~~overall development plans (ODP)~~, and residential plats:
- (1) Thoroughfare road system
 - (2) Potable water facilities
 - (3) Sanitary sewer facilities
 - (4) Stormwater management facilities
 - (5) Solid waste facilities
 - (6) Parks and Recreational facilities (for residential uses only)
 - (7) Public school facilities (for residential uses only)

Sec. 86-28. Agency review and comment.

- (b) The following agencies shall coordinate with the Planning and Development Services Director or his/her designee and perform, where applicable, a determination of capacity pursuant to section 86-30 concerning the impact of the proposed development on the public facilities designated in this article:
- (1) Planning and Development Services
 - (2) Public Works
 - (3) Parks and Recreation
 - (4) Solid Waste Division of Enforcement Services
 - (5) Any other local authority, including Volusia County and Volusia County School District, as may be deemed necessary by the Planning and Development Services Director or his/her designee to make a determination of adequacy.

The Planning and Development Services Director or his/her designee will be responsible for including capacity information as part of staff reports for each proposed development reviewed by the DRC or other City decision making bodies that may review such final site plan, master development plan, ~~overall development plan~~, and residential plat applications. As an alternative and with City approval, an applicant may provide for independent assessment of the impact of the proposed development on public facilities by a qualified professional in the recognized field of expertise using appropriate studies, surveys and reports, and applying standard methodologies and procedures. When warranted, the City may require such analysis to be performed at the expense of the applicant.

CHAPTER 94. IMPACT FEES

Sec. 94-12. Exemptions.

- (a) The following activities shall be exempted from payment of an impact fee:
- (1) Alterations ~~or reconfiguration~~ of an existing building where no additional square feet or units are created and where no additional vehicular trips will be produced. ~~over that of the existing use.~~

- (2) The replacement of a building or structure with a new building or structure of equal size and use.

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

The fire/rescue impact fee schedule is as established by ~~resolution~~[ordinance](#) of the city commission in the Appendix A Fire/Rescue Impact Fee Schedule.

Sec. 94-32. Park impact fee schedule.

The park impact fee schedule is as established by ~~resolution~~[ordinance](#) of the city commission in the Appendix A Park Impact Fee Schedule.

Sec. 94-42. Transportation schedule.

(a) The transportation impact fee schedule is as established by ~~resolution~~[ordinance](#) of the city commission in the Appendix A Transportation Impact Fee Schedule.

Sec. 94-44. Exemptions and credits.

(a) *Exemptions.* The following activities shall be exempted from payment of the transportation impact fee:

- (1) Alterations ~~or expansions~~ of an existing building where no additional [square feet or](#) units are created, and where no additional vehicular trips will be produced ~~over and above that produced by the existing use.~~

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

The law enforcement impact fee schedule is as established by ~~resolution~~[ordinance](#) of the city commission in the Appendix A Law Enforcement Impact Fee Schedule.

CHAPTER 96. IMPROVEMENTS

Sec. 96-26. General.

(a) All lands included within a development shall be suitable for the various purposes proposed in the application for a development order. Further, no development order shall be approved unless the city finds, after full consideration of all pertinent data, that the development can be served adequately with such normal public and/or private facilities and services as are suitable under the circumstances of the particular case. In the absence of a city traffic engineer, all references to this position, as cited in this article, shall be interpreted so as to allow for the city engineer to make such traffic related decisions, where he or she is qualified to make such decisions or, if further traffic engineering expertise is required, the city engineer shall make appropriate determinations based upon the recommendations of a peer reviewer qualified in the field of traffic engineering. All subsequent design standards adopted by the city are to be used in addition to the design standards below. Such subsequent design standards shall be adopted by resolution and shall become a part of this chapter by reference as though set out in their entirety.

Sec. 96-28. Streets; generally.

- (1) *Cul-de-sac.* Permanent dead-end streets shall not exceed 1,000 feet in length; however, the DRC may approve a cul-de-sac of greater lengths, where, due to topographical conditions, design considerations or the number of lots to be located on the street, a greater length may be deemed necessary. ~~Culs de sac shall be provided.~~ In the center of the turnaround, an unpaved island, surrounded by a curb, improved with grass and landscaping that will not interfere with sight distance, may be provided. Center islands shall have a diameter of not less than 17 feet.

Sec. 96-34. Water and sewer.

- (b) *Water facilities.*
- (1) All proposed urban developments shall provide potable water production, treatment and distribution facilities, in accordance with the ~~potable water subelement~~ Infrastructure Element of the eComprehensive pPlan and other applicable regulations.

Sec. 96-77. Inspections and tests.

- (b) *Inspections.* The developer shall provide written authorization which will enable city staff personnel to enter upon the property to be developed and make periodic inspections at each stage of construction. During construction the developer shall notify the city engineer or code administration manager, where appropriate, that a city inspector can be sent to make an inspection. The city shall furnish an inspector at the site within a reasonable length of time, during normal working days and hours.

The purpose of these inspections is to ensure that construction is in compliance with the granted development order and all other applicable federal, state, and local permits ~~including but not limited to the Florida Department of Environmental Protection Agency (FDEP) National Pollutant Discharge Elimination System (NPDES) construction permit.~~ The city accepts no responsibility or liability for the work, or for any contractual conditions involving acceptance, payment or guarantees between any contractor and the developer, by virtue of these inspections. The city assumes no responsibility or commitment guaranteeing acceptance of the work, or for subsequent failure, by virtue of these inspections.

However, if any aspect of the work being performed does not comply with acceptable standards, corrections shall be required by the city inspector as a condition for city acceptance. All improvements shall be installed, and have the approval of the city engineer and/or other city agencies prior to acceptance by the city commission, where required, or issuance of a certificate of occupancy.

Sec. 96-78 – Sec. 96-89. Reserved.

ARTICLE IV. USE PERMIT

Sec. 96-90. Regulations.

- (a) *Purpose.* The purpose of this article is to regulate the location, installation or adjustment of any facility on or under city rights-of-way, traveled ways or easements or other city-owned property (city property), including canals and drainage easements or ditches by any person.
- (b) *Permit required.* Any person placing, installing or adjusting any facility on city property shall have been issued a use permit prior to the commencement of construction. Facilities include driveways

with access to city roads, utility lines and equipment, and traffic control devices. A copy of the City of Deltona Use Permit is attached hereto and incorporated herein by reference as Exhibit "A"*.

- (c) Jurisdiction. This article shall apply to and be enforced on all City property.
- (d) Application procedure. Notwithstanding any other articles of this chapter, an application for a use permit shall be filed, processed and approved as follows:
- (1) An application for a use permit shall be filed with the city engineer or designee and the required filing fee paid.
 - (2) Three copies of the required submittals shall be submitted with the application. The submittals shall meet the requirements of this chapter and contain the following information:
 - a. A vicinity map showing the work area location at a scale of one inch equals 2,000 feet;
 - b. The offset from the center line of the right-of-way or road to the proposed facility;
 - c. The road right-of-way and pavement width;
 - d. The distance from the edge of the traveled way to the facility and the location of all other utilities within the work area;
 - e. One or more typical cross-sections as required by the city engineer to adequately reflect the location and construction details of the proposed facility;
 - f. The minimum vertical clearance above or below the road, ground or pavement;
 - g. Any other information required by the city engineer; and
 - h. Ordinance number and date of issue and/or copy of the franchise issued to the applicant for use of the right-of-way.
 - (3) The city engineer shall determine the completeness of the application within three (3) working days of filing.
 - (4) Upon receipt, the city engineer shall review the application. If the application meets all of the requirements of this article, it shall be approved within seven (7) working days of receipt. Incomplete applications shall be returned to the applicant.
 - (5) If the application has been approved, the city engineer shall issue the use permit within two (2) working days. If the application has been denied, the city engineer shall immediately notify the applicant. If denied, the applicant or any aggrieved person may refile in accordance with the provisions of this subsection, as for a new application, the applicant or any aggrieved person may appeal the denial to the DRC, as provided in subsection 74-2(g).
 - (6) A guarantee of completion (bond or letter of credit) of the permitted construction may be required by the city engineer if in his/her opinion the proposed construction would constitute a significant traffic hazard if not completed as proposed. Such guarantee shall be the same as established in subsection 96-76(a) and shall be returned to the permittee upon satisfactory completion of construction or shall be used to ensure completion of construction by the city where construction is not satisfactorily completed.
 - (7) The use permit may be revoked by the city engineer for reasons of public safety or public nuisance.
- (e) Prohibited structures. Any sporting equipment temporarily or permanently placed (e.g. basketball goals) or homemade or other non-conforming traffic control devices are strictly prohibited as a matter of safety. Violators shall be subject to the fine provisions of this article.

Sec. 96-91. Stipulations.

- (a) Permissive use. A use permit is a license for a permissive use only, and the placing of facilities upon city property pursuant to the permit shall not operate to create or to vest any property right in the holder thereof. The issuance of a use permit does not relieve the permittee of the need for obtaining a franchise and any other permits that may be required by the appropriate authorities. The permittee shall be responsible for maintenance, repair and restoration of right-of-way (ROW), which may include but is not limited to drainage swales, sodding, or sidewalks of all such facilities permitted except for those conveyed to the public and accepted for maintenance by the City.
- (b) Assumption of risk. The rights and privileges herein set out are granted only to the extent of the City's right, title and interest in the land to be entered upon and used by the applicant; and the applicant shall at all times assume all risk of and hold harmless, indemnify and defend the City from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by the applicant of the aforesaid rights and privileges.
- (c) Encroachment or interference. The construction and/or maintenance of a utility or facility shall not interfere or encroach upon the property and rights of a prior occupant.
- (d) Relocation or protection of facilities. In the event of widening, repair, reconstruction or improvement of city property, including but not limited to installation of pavement, drainage structures or sidewalks, the permittee shall, upon notice by the city engineer, relocate or protect existing facilities to clear such construction at no cost to the City.

Sec. 96-92. Supporting regulations.

- (a) City, county, state and federal regulations and specifications. When applicable, the provisions of the latest editions of the following references shall apply:

 - (1) This chapter;
 - (2) "FDOT Standard Specifications for Road and Bridge Construction";
 - (3) Regulations for the transportation of natural and other gas by pipelines (Parts 191 and 192, Title 49 of the Code of Federal Regulations);
 - (4) "USDOT Manual on Uniform Traffic Control Devices";
 - (5) "FDOT Utility Accommodation Guide";
 - (6) "FDOT Minimum Standards for Streets and Highways";
 - (7) The City of Deltona Zoning Ordinance;
 - (8) FDOT Roadway and Traffic Design Standards.
 - (9) Florida Stormwater, Erosion and Sedimentation Control Inspector Manual.
- (b) Conflict of regulations. In the event of a conflict between the regulations and specifications referred to in subsection 74-53(a) above, and the other provisions of this article, the most restrictive shall apply.

Sec. 96-93. Qualifications of permittee.

- (a) Subject to possession of a franchise or as otherwise approved by the city commission and satisfaction of and compliance with requirements contained herein, a use permit may be issued to the following:

- (1) Utility companies. Utility corporations or companies (including county and municipal utilities) that will be servicing the installed facility.
- (2) Contractors. Contractors responsible for the installation of any utility facility or structure subject to these regulations.
- (3) Private citizens. Private citizens, corporations or organizations with a reasonable and legitimate purpose in using the right-of-way, which purpose poses no threat or danger to the public health, safety or welfare.
- (4) Underground utility contractors. Underground utility contractors must hold a current county or State of Florida general contractor's certificate, or a current county or State of Florida plumbing contractor's certificate. The City may require prequalification of the contractor for the type of work to be performed.

Sec. 96-94. Exceptions.

- (a) Service connections without pavement cuts. Scheduled short side service connections, including but not limited to water and sewer hookups with no pavement cut or road crossings and all scheduled maintenance repair (i.e., pole replacement with no change in location or alignment, splice pits, etc.) in the right-of-way where limits of excavation are not in or within six feet of the edge of the traveled way, will not require a use permit; however, prior notification of the commencement of such work shall be given to the city engineer before starting work.
- (b) Relocations requested by the city. On any city construction project where facilities on city property are requested by the City to be relocated, a use permit shall be required. An application shall be submitted by the person responsible for the relocation as required by subsection 74-51(b), but no fee will be charged, providing there is no expansion of the facilities involved.
- (c) Emergency repair.
 - (1) A disruption in any utility service shall constitute an emergency. Emergency repairs may be performed without obtaining a use permit prior to such repair. Emergency repair work shall be completed in accordance with applicable directives from the City or other authority as expeditiously as possible. During normal City working hours, verbal approval for the emergency work shall be obtained from the public works department. If emergency work is required at night, on weekends or holidays, the public works department shall be notified of all emergency repair work by 10:00 a.m., the first workday following beginning of such repair work. An application for a use permit shall be submitted within two working days following commencement of emergency repair work. The person, company or utility performing the emergency repair work shall be exempt from the requirements of section 74-56 for prior notification to other agencies, with exception of gas utility companies, but shall notify those agencies by 10:00 a.m., the day following the commencement of the emergency repair work.
 - (2) Notification to gas utility companies. Notification to gas utility companies shall be accomplished prior to commencement of any emergency work. This may be accomplished by telephone or other expeditious method.
- (d) Performance criteria. For those situations described in subsections (a), (b) and (c), all work must be performed in compliance with the other provisions of this article and all other applicable laws and regulations.
- (e) City commission approved construction projects. City construction projects on city property which have been approved by the city commission shall comply with the permitting provisions of this article, but not otherwise require a R-O-W use permit.

Sec. 96-95. Notification to other agencies.

- (a) Notification required by city engineer. Notification to gas utility companies shall be accomplished prior to commencement of the permitted work. If required by the city engineer, the applicant shall notify in writing all other users of city property in the immediate vicinity of the permitted work, in order to determine if there are any objections to it. Any objections to the permitted work by affected right-of-way users must be forwarded in writing to the applicant and to the city engineer within seven days of the said letter. Except as herein provided, the city engineer may hold a permit application for a period not to exceed seven days, to allow time for the receipt of objections to the permitted work. The seven days period may be waived if the applicant includes proof that other affected right-of-way users have been notified and that said users have no objections to the issuance of the use permit.
- (b) Verification of notification. The applicant shall verify the notification to other users by submitting the proof called for in subsection (a) and completing the section provided in the application for such verification. It is the full and complete responsibility of the applicant to determine that all other users are notified of the proposed work. Any work performed without such notification, shall be at the sole risk of the applicant.
- (c) Gas notification number. Pursuant to the provisions of F.S. § 553.851, as amended, all applicants will indicate on the permit application, if required, the gas notification number immediately following the gas company's name. No permit for excavation of the right-of-way will be issued until the applicant has certified his compliance with F.S. § 553.851(2)(a) and (c), as amended.

Sec. 96-96. Responsibility for compliance.

- (a) The applicant assumes full and total responsibility for compliance with this article, supporting regulations, additional requirements of the city commission, any municipal, city, state or federal laws, ordinances or other directives which may apply to the proposed work.

Sec. 96-97. Utility location standards.

- (a) Protection of right-of-way. The primary concern in the design and location of utility installations is protection of the right-of-way and the safety of the road user, and in all cases full consideration shall be given to sound engineering principles and economic factors.
- (b) Underground facilities. Where possible, all longitudinal underground utility facilities shall be placed outside of four feet of the traveled way.
- (c) Location to consider future road widening and other facilities. Proposed location of poles, fire hydrants, water meters, etc., should take into consideration future road widening, sidewalk, storm drainage or other construction. Minimum guidelines for roadside recovery area shall be as shown in the latest edition of the "FDOT Minimum Standards for Streets and Highways." (Green Book). Deviations require approval by the city engineer.
- (d) Water meter boxes. Water meter boxes shall not be placed within the limits of a proposed or existing sidewalk.
- (e) Fire hydrants. Fire hydrants shall be located no closer to the road travel way than that required for recovery areas by the Green Book. If no sidewalks exist, the hydrant should be located approximately one foot inside the right-of-way line. Where sidewalks are required, the desired location of the fire hydrant shall be between the sidewalk and the street with said location dependent on street design speeds and rights-of-way. Deviations shall require approval by the city engineer.

(f) Prohibited structures, signs, signals. Pursuant to F.S. § 316.077, no person shall place, maintain or display upon any city property any unauthorized sign, signal, marking or device which purports to be or is an imitation of or resembles an official traffic-control device or railroad sign or signal, or which attempts to direct the movement of traffic or which hides from view or interferes with the effectiveness of any official traffic-control device or any railroad sign or signal. No person shall place or maintain upon any city property any sign or signal bearing thereon any commercial advertising.

Every such prohibited sign, signal or marking is declared to be a public nuisance and a violation of this chapter, and the enforcement official is empowered to remove the sign or cause it to be removed without notice.

(g) Mail boxes and newspaper delivery boxes. The locations and construction of mail boxes, newspaper delivery boxes and similar structures shall be in accordance with the latest edition of "A Guide for Erecting Mail Boxes on Highways" by the AASHTO. Any such existing structure not in conformance with this section may be required to be made to conform with this section if the city engineer determines such existing structure to be a traffic hazard.

(h) Headwalls and drainage inlets. Headwalls and drainage inlets shall not constitute a hazard to traffic and shall be designed in accordance with "FDOT Standard Specifications for Road and Bridge Construction" and "FDOT Roadway and Traffic Design Standards."

Sec. 96-98. Permits and inspections.

(a) Copy to applicant. Upon approval of the application, one copy of the approved plans and the use permit will be returned to the applicant.

(b) Permit available on site. The use permit must be available at all times at the work site while work is being performed. Any work in progress on, or use of, city property without a valid use permit available at the site shall be suspended until such time as a valid use permit is produced on the site.

(c) Permit valid for one year. The use permit for construction is valid for a period not to exceed one year from date of issuance. The expiration date will appear on the permit. No work will be performed under an expired permit. Prior to expiration, a request for an extension may be submitted to Building and Enforcement Services Department and Engineering Department. Extension requests shall be submitted a minimum of 30 days prior to the expiration date of the permit. Only one 90-day extension may be granted.

(d) Modification of permits. Letter requests for modification of permits will be processed in accordance with provisions of sections 74-56 through 74-60 hereof. The letter requesting modification must contain the appropriate gas company's name, the gas notification identification number, and to expedite processing, a statement that the other right-of-way users have no objection to the requested modification.

(e) Inspection and approval of materials and work. The city engineer or designee shall have the right to inspect and approve materials and/or phases of permitted work at any time. Final inspection and acceptance of the permitted work by the city engineer must be obtained prior to completion of the work. Work will be considered incomplete until that portion of the permit indicating final inspection and approval has been signed and dated by the inspector.

(f) Notice to city for subterranean road crossing. The permittee shall notify the city engineer at least 48 hours prior to beginning work, and prior to commencing any subterranean road crossing, whether by open cutting, boring, jacking, pushing, pulling, driving, or some combination of these. The date, time and location regarding these scheduled subterranean crossings must be given at the time of this notification.

- (g) *Underground facilities.* Underground facilities (buried cable, water lines, etc.) will not be covered until approved by the city inspector, either through on-site inspection or prior authorization.
- (h) *Failure to obtain inspections.* Failure of the permittee to obtain the appropriate inspections prior to proceeding with work shall not relieve the permittee from re-excavation or other measures necessary for the inspection of the work.
- (i) *Correction of noncompliance.* Any and/or all items found not to be in compliance with these regulations will be immediately corrected by the permittee.
- (j) *Permit termination.* The inspector's signature on the completion line on the permit terminates that permit, and no further work may be done under the permit except repairs as directed by the city engineer.

Sec. 96-99. Crossings.

- (a) *General considerations.* The normal crossing under paved surfaces will be made without cutting the pavement. Pavement cuts will be allowed on roads with a surface that has been in place for ten years or longer, and has a traffic count of 3,000 vehicles or less per lane per day. Requests for open street cuts on roads which do not meet these criteria will not be considered.
 - (1) All subterranean crossings of a traveled way, 40 feet or more in length, shall require a tracked type bore and jack, with encased augur. Crossings less than 40 feet may be made by boring, jacking, pushing, pulling, driving or some combination of these.
 - (2) Closed end jacking may be permitted for pipe with a maximum outside diameter of three inches. The pipe shall extend six feet from the edge of pavement.
 - (3) All other pipe must be jacked with the end open or bore and jacked and extend a minimum of six feet beyond the edge of pavement or as directed by the city engineer.
 - (4) If mechanical boring is used, the tip of the drill head shall not precede the end of the pipe by more than two inches.
 - (5) The minimum depth of cover shall be 36 inches from the top of the pipe to the existing and proposed surface.
 - (6) All such crossings shall be a continuous operation and be completed and the pits backfilled prior to ceasing the operation.
 - (7) Any deviation from approved materials, location or operation shall be grounds for stopping work, directing the plugging of the line with concrete, and restoring the area.
- (b) *Open street cuts.*
 - (1) Traffic maintenance. As a general rule, a minimum of one lane of traffic must be maintained at all times and adequate safety precautions taken. Any street closures will require a traffic plan submitted at least seven days in advance of the proposed closure and approved by the county traffic engineer. If a detour is contemplated, the complete detour route must be indicated. Inclusive dates of the proposed closure must be firm.

Prior to closing the street to traffic, the appropriate police and emergency (rescue, fire, etc.) agencies shall be notified. In addition, the county traffic engineer and Volusia County School Board Transportation Director shall be notified. Traffic-control devices in accordance with the "USDOT Manual on Uniform Traffic Control Devices" shall be installed, and approved by the city engineer or designee prior to starting work.
 - (2) Unpaved streets. The top 12 inches of the excavation shall be stabilized with suitable materials to a condition equal to or better than existing surface. Compaction density of this layer shall equal 98 percent of maximum density as determined by AASHTO Specification T-180.

(3) Paved streets.

- a. Pavement or roadway surfaces cut or damaged shall be replaced by the permittee in equal or better condition than the original, including stabilization, base course, curb and gutter, or other appurtenances.
- b. Where existing pavement is to be removed, the surfacing shall be mechanical saw cut prior to trench excavation, leaving a uniform and straight edge, with minimum disturbance to the remaining adjacent surfacing. The width of cut for this phase of existing pavement removal shall be minimal.
- c. The base shall be replaced in accordance with city requirements.
- d. Immediately following the specified backfilling and compaction, the final roadway surface restoration shall be commenced as approved on the permit. Type S-3 or other asphalt, concrete or other material approved by the city engineer shall be used. In advance of final restoration, the existing asphalt surface shall be mechanically sawed straight and clean to the stipulated dimensions.

Sec. 96-100. Construction standards.

- (a) Street, curb, sidewalk, driveway. All street, curb, sidewalk, driveway curb, etc., construction shall be in accordance with this chapter.
- (b) Approved pipe. Drainage pipe used in city right-of-way shall conform to FDOT Standard Specifications for Road and Bridge Construction. Pipes underneath traveled ways shall be reinforced concrete per FDOT standards, or equivalent alternative approved by the city engineer.
- (c) Sanitary sewer and water installation. All work shall be in accordance with this chapter and current ANSI/AWWA and ASTM standards and specifications.
- (d) Gas. The provisions of the National Standard Code for pressure piping as adopted by the Florida Public Service Commission shall apply.
- (e) Overhead installations. All overhead installation shall comply with the current standards established by the State of Florida Department of Transportation.
- (f) Buried cable.
 - (1) Vertical clearance. Minimum vertical clearance for direct buried cable, conduit casings and duct systems is 36 inches below top of pavement and 30 inches below existing ground.
 - (2) Casings.
 - a. Casings will be required for crossing of underground utilities where the carried conduit is of insufficient strength due to composition or depth of cover.
 - b. Casings will be required for crossing under existing pavement where the carrier is of such composition that it cannot be installed in accordance with subsection 74-60(a). Any request for exception to the foregoing requirements must be fully justified in writing by the applicant.
- (g) Storm drainage structures. Installation shall be in accordance with this chapter. Backfill and testing requirements shall be in accordance with subsection (h), below.
- (h) Backfill and compaction.
 - (1) All trenches shall be backfilled with suitable material approved by the city engineer.

- (2) Backfill shall be deposited in a minimum of two lifts. The first lift shall extend from the invert of the facility to one foot above the facility. The second lift shall extend from the top of the first lift to the top of surface or bottom of sub-base as applicable.
- a. The first lift shall be installed in six-inch layers and thoroughly compacted prior to placement of the second lift. Compaction shall equal 98 percent of maximum density AASHTO Specification T-180.
- b. The remainder of the excavation shall be backfilled and compacted in layers compatible with the type of material and compaction equipment used. The density requirements as determined by American Association of State Highway and Transportation Officials (AASHTO), Specification T-180 shall equal 98 percent under the traveled way, and extending ten feet beyond the back of curb or curbed roadways, and on roadways with open drainage systems, extending ten feet beyond the edge of the traveled way.
- c. Sub-grade and base density requirements are 95 percent of AASHTO Specification T-180 or T-134, as applicable.
- (i) Traffic signals. Any permittee working at intersections where traffic signals are located shall contact the Volusia County Traffic Engineer, if such intersection is within the area of responsibility of Volusia County, for location of all underground signal wiring. Damages to signals or signal wiring will be the responsibility of the permittee. Repairs may be made by contract personnel, but must be made with the concurrence and under the requirements as set forth by the county traffic engineer. In some instances, repairs may be made by the city, with total costs paid by the permittee.
- (j) Traffic signs. When traffic signs are located within the area of approved installation or construction, the permittee is required to notify the city engineer, to arrange for removal or relocation. Costs incurred by the city for removal and resetting or relocation of signs shall be paid by the permittee. Curve line markings shall be of a type and standard approved by the city engineer based on safety and aesthetic concerns as set forth in city public works policy guidelines, as may from time to time be amended. Nonconforming or homemade devices shall be removed from within the rights-of-way without consent of the adjacent property owners at the discretion of the city engineer or designee.
- (k) Pavement markings.
- (1) Permittees that disturb or destroy current pavement markings shall be required to replace said pavement markings with approved reflectorized paint or plastic marking material and to restore such markings to their original condition, or better.
- (2) When new turn, bypass, deceleration and/or acceleration lanes are constructed, a striping plan shall be submitted for approval by the city engineer. Striping shall be accomplished by the permittee in accordance with the approved plan.
- (l) Jetting or tunneling prohibited. Jetting, except for hydraulic compaction, or tunneling within city rights-of-way is prohibited.
- (m) Driveway connection to city road.
- (1) A driveway connection on city property between an approved private driveway and a city maintained road shall be constructed to the requirements of this article, article IV, and specifications determined by the city engineer.
- (2) A use permit shall be obtained prior to the commencement of construction of the connection, and a final inspection shall be approved pursuant to this article prior to the final approval of any development served by the connection.
- (3) All one- and two-family residential home sites, agricultural and other undeveloped lands shall be served by driveways which meet the following standards:

a. Number of driveway entrances. Although a single driveway will typically serve each property, the following may be permitted:

1. One driveway may be permitted to serve an agricultural or vacant or undeveloped property. Such a driveway shall not effect location and configuration for future development uses (e.g. special exceptions, subdivisions, site plans, etc.)
2. Two driveways for a one- and two-family existing residential lot may be permitted if all the requirements of this section are met and if the minimum distance between the two driveways equals or exceeds 30 feet.
3. Three driveways entering a one- and two-family existing residential lot may be permitted if all of the requirements of this section are met and if the minimum distance between adjacent driveways equals or exceeds 100 feet.
4. No more than three driveways will be permitted for a one- and two-family existing residential lot.

b. Driveway location limitations.

1. No driveway shall be constructed in the radius return of an intersection.
2. No driveway shall be constructed with a corner clearance of less than 50 feet measured along the edge of the traveled way between the return radius and the nearest point of the driveway on or adjacent to thoroughfares. This distance may be reduced to 25 feet on local streets.
3. No driveway entrance shall include any public facility such as traffic signal standards, drainage inlets, crosswalks, loading zones, utility poles, fire alarm support, meter boxes, sewer cleanouts or other similar type structures.
4. No driveway shall be located closer than five feet from an adjacent property line.
5. No driveway shall be located less than five feet from objects such as utility poles, fire hydrants, streetlights, etc.
6. Existing driveway approaches shall not be relocated, altered, or reconstructed without prior approval. When the use of any driveway approach is changed making any portion or all of the driveway approach unnecessary, the developer of the abutting property shall obtain a permit to abandon the driveway approach and shall at their expense replace all necessary curbs, gutters and sidewalks.

c. Design requirements.

1. Drainage elements.

- i. All driveways shall be constructed so as to not impede roadside drainage. For typical mild roadside swales, the driveway must conform to the swale shape and provide for continued positive drainage.
- ii. For swales and ditches that cannot be conformed to, as referenced above, due to the depth, width, etc., a pipe is required under the driveway. The minimum pipe size is 15 inches in diameter; larger pipes may be required based upon field conditions.
- iii. FDOT standard mitered end sections are required for all pipes installed in city rights-of-way.

(4) Driveway width.

- a. Residential minimum width is ten feet and the maximum width is 24 feet (widths to be measured at the street right-of-way line).
- b. Additional stabilized widening is required on each side of the driveway when crossing ditch sections.
- c. The width of a curb opening shall not exceed the driveway width by more than five feet on each side.
- d. Driveway width shall flare an additional minimum five feet starting at a point a minimum eight feet from the edge of a traveled way.
- e. A 25-foot paved radius or equivalent chord return are required on thoroughfares with posted speeds of 45 m.p.h. or more on 3,000 ADT.

(5) Driveway materials.

- a. Asphalt pavement structural section for residential driveway shall conform to the local street pavement requirements.
- b. Concrete residential driveways shall be a minimum thickness of six inches without reinforcement.
- c. Driveways are required to be paved within the public right-of-way along all existing paved roadways.
- d. Unpaved driveways shall be a minimum of six inches of stabilized material.
- e. Right of way approaches to residential driveways shall consist of concrete with a 2500 psi or one (1) inch asphalt Type S-1 and include a minimum thickness of six (6) inches without reinforcement.

(n) Restoration of sidewalks, curbs, driveways, etc.

- (1) Repair of these items requires that a saw cut be made at a joint if within five feet of either side of work location and all concrete within the area be removed and replaced to a condition equal to or better than existing at the commencement of construction, with like material.
- (2) Asphaltic concrete shall be repaired or replaced by saw cutting the asphalt and base for the entire width and replacing the base and asphalt in accordance with the open street cut requirements. In the event of longitudinal driveway cuts, it shall be replaced with a minimum width of 36 inches or as directed by the city engineer.

Sec. 96-101. Density testing--Open trench restoration.

(a) Certified testing laboratory. Density tests for determination of the specified backfill, base, etc., compaction shall be made by a certified testing laboratory approved by the city engineer and at the expense of the permittee. Test locations shall be at random locations and shall be spaced not more than 300 feet apart where the trench cut is continuous, unless otherwise approved by the city engineer. Tests shall be required for the first lift, second lift and the base. A copy of the laboratory report shall be submitted to the city engineer.

(b) Spacing of tests. For each test section, a minimum of one test is required for the first lift (up to one foot above the utility). Testing for the second lift backfill under the traveled way shall be a minimum of one test at two-foot vertical intervals for each crossing.

(1) Tests for second lift backfill in other areas will be at the discretion of the city engineer.

(2) A minimum of one density test for the base course for each 300 continuous feet of each road crossing shall be required.

(c) *Concrete compression.* Concrete compressive strength tests may be required at the option of the city engineer.

(d) *Unsatisfactory test results.* If any test results are unsatisfactory, the permittee shall reexcavate and recompact the backfill at his/her expense until the desired compaction is obtained. Additional compaction tests shall be made to each side of an unsatisfactory test, as directed by the city engineer, to determine the extent of re-excavation and re-compaction necessary.

Sec. 96-102. Working hours.

Operations permitted by this regulation shall normally be conducted 7:00 a.m. to 7:00 p.m., Monday through Friday. Any deviation from these hours requires prior approval from the city engineer. Emergency repairs are excluded from this time restriction.

Sec. 96-103. Maintenance of traffic.

Unless otherwise provided, all roads within the limits of the permit shall be kept open to all traffic by the permitted. When approved by the city or county traffic engineer or an appropriate designee, traffic may be bypassed over an approved detour route. The permittee shall keep the portion of the project being used by the public traffic, whether it be through or local traffic, in such condition that traffic will be adequately accommodated. The permittee shall furnish, erect and maintain barricades, warning signs, delineators, flagmen or pilot cars in accordance with the "USDOT Manual on Uniform Traffic Control Devices." The permittee shall also provide and maintain in a safe condition, temporary approaches or crossings and intersections with trails, roads, streets, businesses, parking lots, residences, garages and farms. The permittee shall bear all expense of maintaining the traffic over the section of road undergoing construction and of constructing and maintaining such approaches, crossings, intersections and other features as may be necessary. Materials stored at the site of the work shall be so placed as to cause no obstruction to vehicular or pedestrian traffic. No roadway shall be closed or opened except by express permission of the city engineer or such other authorized public agency having jurisdiction.

Sec. 96-104. Restoration and cleanup.

(a) *Protection of monuments, section corners.* The permittee shall ensure that all monuments, section corners and property markers shall be protected and perpetuated during construction.

(b) *Liability for damage.* The permittee shall be liable for all damage, injury or loss to persons or property of any character arising from or resulting from any act of commission, omission, neglect or misconduct in the performance of work by the permittee, his employees or agents. The permittee shall be further liable for all damage, injury or loss to persons or property arising from or as a result of defective work or materials.

(c) *Area outside roadway.* Where any work disturbs the area outside the roadway, the permittee shall ensure that the area is completely restored in a manner acceptable to the city. Sod that is removed shall be replaced with the same type. Unsodded areas shall be graded and then seeded and mulched in accordance with this chapter. The permittee is responsible for establishing a dense stand of permanent type grass within a reasonable time. Trees and shrubbery that are removed or destroyed shall not be replaced. Grassing and mulching operations are to begin immediately after construction/installation has been completed.

- (d) Existing utilities. Existing utilities that are damaged, destroyed or temporarily removed by the permittee shall be replaced or repaired at the expense of the permittee by the permittee to the satisfaction of the city or owner with no expense to the city or owner.
- (e) Debris and waste removal. The permittee shall ensure that work site cleanup and property restoration follows construction/installation operations without delay. In order to maintain an acceptable site, debris and waste material shall be removed from the site immediately and daily trenching shall be coordinated to provide a minimum overnight trench opening. Site maintenance, along with ongoing cleanup and final property restoration, shall be subject to the direction and approval of the city engineer.

Sec. 96-105. Safety.

- (a) The safety provisions of applicable laws, ordinances, building codes and construction codes shall be observed.
- (b) The permittee will take all reasonable precautions for and be responsible for initiating, maintaining and supervising all programs relating to the safety of all persons and property affected by or involved in the performance of work under a use permit. The permittee will take all reasonable precautions to prevent damage, injury or loss to:
 - (1) All persons who may be affected by the performance of the work, including employees;
 - (2) All materials and equipment at the work site location; and
 - (3) All property at or surrounding the work site.
- (c) In any emergency affecting the safety of persons or property, the permittee will act with reasonable care and discretion to prevent any threatened damage, injury or loss.

Sec. 96-106. Warranty.

- (a) One year from date of completion. The permittee shall guarantee, in accordance with subsection 96-77(d)(3), all work performed under the terms of the permit for a period of one year from the date of completion as certified on the permit by the city engineer or designee.
- (b) Repair of failures within five days. Any failure shall be repaired by the permittee, at the direction of the city engineer, within five working days, unless the urgency of the problem requires a quicker reaction time.

CHAPTER 98. NATURAL RESOURCES PROTECTION

Sec. 98-57. Standards for review.

- (b) Issuance of permits--Conditions.*
 - (1) If the application meets the requirements of this article, the Planning and Development Services Department shall issue the permit as provided in this article, and may attach such appropriate conditions to the said permit in order to comply with the standards of subsection 98-57(a) of this article. The city may deny the permit if it does not meet such standards, stating the reasons therefore.
 - (2) The city may approve a wetlands alteration permit, which shall incorporate the general and specific conditions which ~~were~~are made part of the permit from federal, state, or regional

agencies, when such permits are issued. ~~Provided, however, before the issuance of the city wetland alteration permit, said federal, state, or regional permit application when available shall be submitted to the Planning and Development Services Department.~~ Concurrent applications to the local government and any federal, state, or regional agency shall be encouraged. Provided, however that the city is not prevented from approving additional conditions to the said permit in order to comply with the standards of subsection 98-57(a) of this article. Upon the issuance of applicable federal, state or regional agency permits, a copy of such permits shall be submitted to the Planning and Development Services Department.

Sec. 98-77. Prohibitions and exemptions.

(b) Exemptions and concurrent review.

(1) Except as provided in subsection 98-77(b)(3) below, the following activities shall be exempt from this article:

- a. Single-family and duplex residences and accessory structures;
- b. Bona fide agricultural pursuits, including forestry, except where an artificial drainage system will be used to increase the flow of surface water from the applicant's land;
- c. Maintenance work performed on existing mosquito control drainage canals for the purpose of public health and welfare;
- d. Maintenance work on utility or transportation system; provided such maintenance work does not alter the purpose and intent of the drainage system as constructed;
- e. Any maintenance, alteration, renewal, use or improvement to an existing structure not changing or affecting rate or volume of stormwater runoff and the one-time construction of any structure or addition not otherwise exempt not exceeding 1,000 square feet of impervious area on or parallel to the ground;
- f. Publicly owned landfills permitted under state regulations.

g. Any development not discharging to a landlocked lake or depression meeting the requirements of the "individual permit" in accordance with FAC 62-330.054 are exempt from the City of Deltona stormwater permitting review. Such activities shall comply with the requirements of rule FAC 62-330 and provide the following documents to the City:

1. Application as submitted to St. Johns River Water Management District (SJRWMD).
2. All Application related correspondence, calculations, drawings, etc.
3. SJRWMD Permit.

Sec. 98-78. Site engineering permit review.

(a) An application for a stormwater management development permit shall be filed, processed and approved in the following manner.

(1) *Preliminary application.* In cases where it is not clear that a proposed development is exempt from this article, a preliminary application may be submitted.

- a. The preliminary application shall be filed with the Planning and Development Services Department.
- b. The preliminary application shall contain two copies of the following information:

1. A statement signed by the owner/developer which certifies that the development will:
 - (i) Not obstruct any existing flow of stormwater runoff; and
 - (ii) Not drain stormwater onto adjacent lands not now receiving runoff from the proposed development area.
 - (iii) Implement and follow the Florida Stormwater, Erosion and Sedimentation Control best management practices during construction and control wastes on site by limiting the exposure of litter and hazardous materials to stormwater.
2. An application form containing the following information and exhibits;
 - (i) Name, address and telephone number of the applicant;
 - (ii) Location map, address and legal description of the proposed development;
 - (iii) Statement expressing the scope of the proposed development;
 - (iv) Schedule of proposed development; and
 - (v) Sketch showing existing and proposed structures, paving and drainage patterns.
3. It is the responsibility of the applicant to include in the preliminary application sufficient information for the city to evaluate the application and the acceptability of those measures proposed.
- c. Within three working days after filing, the Planning and Development Services Department shall determine whether or not the preliminary application is complete. If it is determined that it is complete, the Planning and Development Services Department shall transmit it to the ~~development analysis division (DAD)~~[Public Works Department](#). If it is determined to be incomplete, it shall be returned to the applicant.
- d. After receiving the preliminary application at the ~~DAD~~[Public Works Department](#), the city engineer shall, within ten working days, determine and then notify the Planning and Development Services Department that either the proposed development is exempt or that a standard permit shall be applied for.
- e. Considerations for exemption from standard or lesser permit. The city engineer, in making a determination of exemption of the application from the standard or lesser permitting procedures, shall consider:
 1. Whether or not the proposed project is exempt pursuant to section 98-77(b);
 2. Whether or not the proposed project will increase the rate or volume of runoff from the existing site;
 3. Whether or not the proposed project will adversely affect water quality;
 4. Whether or not there are other criteria which would require a standard or lesser application; and
 5. Whether or not a St. Johns River Water Management District permit is required.
- f. Upon receiving notification of the city engineer's determination under subsection e., the Planning and Development Services Department will immediately notify the applicant.
- g. Upon notification, the applicant may appeal the determination of the city engineer that a standard permit shall be applied for by filing a request with the Planning and Development Services Department, within ten working days, that the DRC make a final determination of

exemption. A final determination shall be made by the DRC within ten working days of the request.

- h. If it is determined that the proposed development is exempt, the applicant is authorized to commence and complete construction of only the development described in the preliminary application. No construction shall commence until a St. Johns River Water Management District permit is approved, if required.

(2) *Concurrent review.*

- a. Where a standard application review is required for a project undergoing subdivision or site plan review pursuant to chapter 106 or chapter 74, article II, all review shall be done concurrently. All performance standards and requirements of this article shall be met in addition to those required in other articles of this chapter during the concurrent review. Plans and exhibits required by this article may be combined with other plans and exhibits required for concurrent review. However, it is the responsibility of the applicant to include in the concurrent application submittals sufficient information for the city to evaluate the application and acceptability of those measures proposed pursuant to the requirements of this article.

(3) *Standard and lesser development permit application review.*

- a. For the purposes of this article, developments requiring a standard permit application shall be either a "lesser development" or a "standard development," defined as follows:

- 1. A lesser development is: ~~(1) a proposed development that has a lot size less than one acre in area and consists of more than 1,000 but less than 5,000 square feet of impervious area, or the impervious area proposed is less than 25 percent of the total lot area; or, (2) is a proposed lot division with a minimum lot size of one acre or larger with no new roadways or streets.~~

- (i) Any development that is more than 1,000 square feet but less than 4,000 square feet of impervious and semi-impervious areas subject to vehicular traffic;

- (ii) Any development that is more than 1,000 square feet but less than 9,000 square feet impervious and semi-impervious surface area on or parallel to the ground;

- (iii) Any development that is less than one acre;

- (iv) Any development that is proposed lot division with a minimum lot size of one acre or larger with no new roadways or streets.

- 2. A standard development is: ~~a proposed development of any lot area that consists of 5,000 or more square feet of impervious area; or the impervious area is 25 percent or more of the total lot area; or the lot area of the proposed development is one acre or larger regardless of the impervious area.~~

- (i) Any development that is more than 4,000 square feet of impervious and semi-impervious areas subject to vehicular traffic;

- (ii) Any development that is more than 9,000 square feet impervious and semi-impervious surface area;

- (iii) Any development that is more than one acre.

- b. An application for a stormwater management development permit and sufficient copies of the required plans and information shall be filed with the Planning and Development Services Department and the proper fee paid. Sufficient copies shall be determined as follows:

1. For a lesser development, three copies are required.
 2. For a standard development, nine copies are required.
 3. The Planning and Development Services Director or his/her designee may require additional sets of plans and information as deemed necessary for additional agency review.
- c. The following plans and information, prepared by a Florida registered engineer, shall be submitted with the application:
1. A detailed site plan, including a general location map and the location of all existing and proposed pavement and structures;
 2. Topographic maps of the site and all adjacent contributing areas before and after the proposed alterations;
 3. Information regarding the types of soils and groundwater conditions existing on the site;
 4. General vegetation maps of the site before development and a plan showing the landscaping to be performed as part of the project;
 5. [Engineering](#) ~~C~~onstruction plans, specifications and computations necessary to indicate compliance with the requirements of this article;
 6. Additional information necessary for determining compliance with this article as the city engineer may require; and
 7. Additionally, for a standard development, a hydrograph for the proposed development may be required, particularly in those areas where the cumulative impact of the outflows on downstream flows are of concern.
- d. Within three working days of filing of the application the Planning and Development Services Department will determine whether or not the application is complete. If the application is determined to be incomplete it will be returned to the applicant.
- e. If the application is determined to be complete, the Planning and Development Services Department will distribute the application as follows:
1. For a lesser development, the application shall immediately be transmitted to the ~~DAD~~ [Public Works Department](#).
 2. For a standard development, the application shall immediately be distributed to the DRC.
- f. Within 20 days of receipt of an application for a lesser development from the Planning and Development Services Department to the ~~DAD~~ [Public Works Department](#) or within 20 days of any amendment thereto, the city engineer shall approve, approve with conditions, or deny the application. After the city engineer has rendered his/her decision, the ~~DAD~~ [Public Works Department](#) will immediately notify the Planning and Development Services Department of the decision rendered.
- g. Within ten working days of receipt of an application for a standard development, each member of the DRC shall have reviewed and transmitted their comments or suggestions concerning the application to the ~~DAD~~ [Public Works Department](#).
- h. Within 30 days of receipt of an application for a standard development, the city engineer shall approve, with conditions, or deny the application. The city engineer shall state the reasons for denial in writing. After the city engineer has rendered a decision, the ~~DAD~~

[Public Works Department](#) will immediately notify the Planning and Development Services Department of the decision rendered. The city engineer may issue an intent to approve or approve with conditions an application in the absence of any required St. Johns River Water Management District permit, but no development order shall be issued unless developer submits letters of approval for a St. Johns River Management District permit, and for coverage under a NPDES Generic Construction Permit NOI.

Sec. 98-79. Performance, review and design standards.

(a) *Performance standards.*

(1) For applications for a lesser or a standard development, the performance standards to be followed in the design of the project are as follows:

- a. Stormwater runoff shall be subjected to best management practice prior to discharge into natural or artificial drainage systems. "Best management practice" shall mean a practice or combination of practices determined by the DRC to be the most effective, practical means of preventing or reducing the amount of pollution generated by the project to a level compatible with Florida water quality standards found in chapter 17-3, Florida Administrative Code.
 1. No site alteration shall cause siltation of wetlands, pollution of downstream wetlands or reduce the natural retention or filtering capabilities of wetlands.
 2. No site alteration shall allow water to become a health hazard or contribute to the breeding of mosquitoes.
 3. All site alteration activities shall provide for such water retention and settling structures and flow attenuation devices as may be necessary to insure that the foregoing standards and requirements are met.
- b. Design of water retention or detention structures and flow attenuation devices shall be subject to the approval of the city engineer pursuant to the standards hereof. Detention structures shall be designed to release runoff to the downstream drainage system over a period of time so as not to exceed the capacity of the existing downstream system. Under no case shall open retention areas (ponds, etc.) have side slopes steeper than one vertical to four horizontal to a depth of two feet of water at seasonal low pond elevation, at which point the side slope may be increased to one vertical to three horizontal. Retaining walls may be utilized to accommodate field conditions.

In order to maintain good water quality in stormwater management detention ponds and maximize the provision of fish and wildlife habitat, stormwater management systems with permanently wet detention ponds should be designed, operated and maintained so as to resemble a natural pond to the greatest extent practicable. A natural pond design should include: a littoral zone comprised of native emergent and submersed aquatic macrophytic vegetation; a deep open water limnetic zone free of rooted emergent and submersed vegetation; and, where feasible, an upland buffer of native trees, shrubs and under story vegetation.

[No sod or other soil stabilization materials are required to be installed within the base surface of dry stormwater management ponds. All sloped surfaces, as measured for wet ponds from the mean low water elevation or for all sloped surfaces within dry ponds, shall be stabilized with sod or other material as approved by the City Engineer or a qualified designee.](#)

- c. A positive drainage system shall be provided which will not adversely impact downstream owners or adjacent lands.
 - d. Where possible, natural vegetation shall be used as a component of the drainage system. The water table should not be manipulated so as to endanger natural vegetation beneficial to water quality unless natural vegetation can be replanted and survive with a lowered water table condition.
 - e. Runoff from higher adjacent lands shall be considered and provisions for conveyance of such runoff shall be included in the drainage plan.
 - f. Runoff shall be treated to remove oil and floatable solids before discharge from the site in a manner approved by the city engineer.
 - g. Erosion by wind or water shall be prevented by the developer throughout the construction process.
 - h. Direct discharge to class II waters is prohibited. A workable filter system must be provided prior to any discharge to class II waters.
 - i. For the purpose of this article, it is presumed that the lowering of the water table for the purpose of constructing detention/retention basins and for the purpose of permanently protecting road construction does not conflict with the stated objectives of this article if all of the following are met:
 - 1. The development site is not in an area known to the city, based on data collected and interpreted by the U.S. Geological Survey, the St. Johns River Water Management District, the city and other professional investigators, as important to recharge or to prevention of discharge of the Florida aquifer.
 - 2. The proposed lowering of the water table shall be over no more than 15 percent of the site to a depth of five feet below the surface of the existing undisturbed ground, or an equivalent volume, said area to be measured at the overflow elevation of the retention area(s).
 - 3. If ditches, underdrains or similar devices are used to lower the water table, the lateral volumetric effect will be calculated, and the volume will be deducted from that allowed for retention areas.
 - 4. The high-water table may be lowered up to two feet below the undisturbed ground in the vicinity of roads for the purpose of protecting the sub-base and base of the roadway and/or for the purpose of preventing mosquito breeding in the roadside swales.
 - 5. The lowering of the water table has no adverse ~~aeffect~~ effect on wetlands as defined herein.
 - 6. The lowering of the water table does not increase flows to the detriment of neighboring lands.
- (2) For applications for a lesser development, the following additional performance standards are to be followed in the design of the project:
- a. The volume of retention to be provided shall be equivalent to one ~~half~~ inch of depth over the entire project area or 1.25 inches of runoff from the impervious area, whichever is greater. For certain soil conditions or groundwater table conditions which do not permit the percolation of this volume within the five days following a storm event, the city engineer may approve detention with filtration systems in lieu of retention.

b. Any development discharging to a landlocked lake or depression: The post-development volume of direct runoff must not exceed the pre-development volume of direct runoff for the 100 year frequency, 24 hour duration storm.

c. Exemptions for lesser development at discretion of City Engineer.

(3) For application for a standard development, the following additional performance standards are to be followed in the design of the project:

~~a. 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 24 hour, 25 year frequency storm, unless the intent of this recharge provision will be met through detention of the difference between said volumes, in which case said volume difference may be released over not less than a 24-hour nor greater than a 72-hour period of time. However, the design standards for wet retention areas, when approved by the city engineer shall prevail. This requirement may be waived by the city engineer for sites consisting predominately of poorly drained soils having permanently and naturally impaired recharge potentials. However, the runoff from the first one inch of rainfall for each storm falling on all areas of the project shall be retained on site except in cases where the city engineer concurs that soil and/or groundwater table conditions are not conducive to such practice, in which case said first inch shall be detained and released over a period of 24 to 72 hours, in a manner acceptable to the city engineer. However, in the case of wet detention, standards approved by the city engineer shall prevail. In addition, the cumulative impact of the outflow hydrograph on downstream flow shall be considered. Runoff rates and volumes resulting from the project, in excess of existing amounts, shall be accommodated on site. Off site retention may be permitted if, in the opinion of the city engineer, the recharge requirements of this article are met.~~

~~b. Peak discharge 100 year storm. The peak discharge resulting from a 24 hour, 100 year frequency storm on the developed or redeveloped site shall not exceed the peak discharge resulting from a 100 year frequency storm for existing conditions on the site.~~

a. The post development peak rate of discharge must not exceed the pre-development peak rate of discharge for the 25 year frequency, 24 hour duration storm.

b. The volume of retention to be provided shall be equivalent to one inch of depth over the entire project area or 1.25 inches of runoff from the impervious area, whichever is greater.

c. Any development discharging to a landlocked lake or depression: The post-development volume of direct runoff must not exceed the pre-development volume of direct runoff for the 100 year frequency, 24 hour duration storm.

d. For certain soil conditions or groundwater table conditions which do not permit the percolation of retention volume within the five days following a storm event, the City Engineer may approve detention with filtration systems in lieu of retention. The detention volume may be released over not less than a 24-hour nor greater than a 72-hour period of time.

ee. Runoff computations. Runoff computations shall be based on the most critical situation (rainfall duration, distribution and antecedent soil moisture condition) and conform to acceptable engineering practices using rainfall data and other local information applicable to the affected area.

(b) *Review standards.* The city engineer and/or the DRC in reviewing and/or approving the application shall consider, where appropriate, the following minimum standards:

- (1) The characteristics and limitations of the soil at the proposed site with respect to percolation and infiltration;
- (2) The existing topography of the sites and the extent of topographical changes after development;
- (3) The existing vegetation of the site, the extent of vegetational changes after development and the threat posed to vegetation endangered or indigenous to wetlands;
- (4) The plans and specifications of structures or devices the applicant intends to employ for on-site stormwater retention/detention with filtration, erosion control and flow attenuation;
- (5) The effect the proposed stormwater management system will have upon mosquito breeding habitat;
- (6) The adequacy of easements for drainage systems in terms of both runoff conveyance and maintenance;
- (7) The method of handling upland flow which presently discharges through the site;
- (8) The effectiveness of wind and water erosion control measures during construction;
- (9) Standards and requirements of any other governmental jurisdiction;
- (10) The maintenance entity responsible for up-keep of the system upon its completion;
- (11) The continuity of phased projects; phased projects will require the submission of an overall plan for the applicant's total land holdings;
- (12) The existing hydrologic cycle of the proposed site and the impact of the proposed alterations on the existing hydrologic cycle;
- (13) The impact the proposed project will have on the natural recharge capabilities of the site; and
- (14) The impact the proposed project will have on downstream water quantity and quality and specifically the potential for downstream flooding conditions.

(c) *Design standards.*

- (1) Open swales, ditches or other waterways shall require complete engineering data showing the adequacy of design and the effect within the particular drainage area to the satisfaction of the city engineer. The cost of designing and installing drainage systems shall be borne by the developer.
- (2) Pipe shall be either class 3 reinforced concrete with patented rubber gasketed joints, fully asphalt-coated corrugated steel pipe of appropriate highway gauge, ABS, elliptical concrete pipe or other type approved by the city engineer. Subject to acceptable soil and groundwater conditions, corrugated aluminum pipe may be considered, provided the minimum cover from top of pipe to the top of subgrade at any point under a roadway shall be equal to the diameter of the pipe, but, in no case, less than 24 inches. In all other locations, the minimum cover shall be equal to the diameter of the pipe, and shall depend upon location and type of pipe.
- (3) A pipe shall extend through headwalls and drainage inlets flush with surface of the wall. Concrete shall be constructed around them neatly. All surfaces shall be plastered so as to prevent leakage. Water stop materials are recommended. Plastered areas should not crack and should be properly prepared to bond to old surfaces. Paved inverts are required.

For all concrete structures, all fins and irregular projections shall be chipped off flush with the surface immediately following the removal of forms. All projecting wires and nails shall be cut off at least one-half inch under the surface. All cavities produced by metal spacers, form ties, bolts, honeycomb spots, etc., shall be carefully cleaned, saturated with water, and then carefully

painted with mortar. All construction and expansion joints in the completed work shall be left carefully tooled and free of mortar and concrete. Joint filler shall be left exposed for its full length with clean edges. Mortar topping for upper horizontal surfaces shall not be used.

For all concrete surfaces which are to receive a surface finish, the contractor shall review the forms and finish the concrete immediately after the concrete has set sufficiently. Minimum manhole diameters for intersecting pipe sizes shall be as follows:

Table 98-5 Minimum Manhole Diameters for Intersecting Pipe Sizes

Equivalent Pipe Diameter	Inside Diameter
Up to 27"	4'0"
27" to 36"	5'0"
42"	6'0"
48" and larger	Special Design

Inlets shall be spaced in such a manner as to accept 100 percent of the design runoff. The actual required spacing will depend on the characteristics of each particular site.

Sizes of drainage culverts, ditch sizes and inlet spacings shall be derived from computations required and shall be submitted to the city engineer for approval.

- (4) Plans for rural development shall include, as a part of the drainage plan, the necessary information for proper drainage operation as building takes place in the development. In rural developments, depending upon overland flow for proper drainage operation, required culvert diameters and grades shall be shown for driveways for each and every lot, if directed by the city engineer. For rural developments, depending upon partial or total percolation, directions shall be shown on the plans for construction of driveways, ditch blocks, swales, etc. The drainage scheme for rural developments shall be preserved intact by the developer as building proceeds.
- (5) In cases where there is a prevalence of soils that exhibit adverse water table characteristics, underdrains and/or fill or other acceptable alternative that will provide necessary measures to maintain the structural integrity of the road will be required. The determination of need shall be made by reference to applicable portions of the most recent edition of the Soil Survey and Supplement for Volusia County, Florida, as prepared by the U.S. Department of Agriculture, Soil Conservation Services, or whatever subsequent authoritative soil survey may be published for the city after adoption of these regulations, or according to information generated by developers.
 - a. Wherever road construction or lot development is planned in areas of the proposed development having soil types with unacceptable water table characteristics, underdrains and/or fill shall be provided and shown on the engineering plans. Underdrains must be designed with free gravity outlet at carefully selected discharge points. Erosion control measures shall be provided as needed at all discharge points.
 - b. Wherever road cuts in otherwise suitable soils indicate that the finish grade will result in a road-surface-to-water-table relationship that adversely exceeds the degree of limitation stated above, underdrains or other acceptable alternative that will provide necessary measures to maintain the structural integrity of the road will be required.

- c. Wherever roadway construction reveals unexpected water-bearing strata that would cause deterioration of the pavement, underdrains or other acceptable alternative that will provide necessary measures to maintain the structural integrity of the road will be required even though not shown on the plans.
- d. Filtering media shall consist of stone, gravel or slag and shall contain no friable materials.
- e. Wherever underdrain pipe is required, the specifications shall be in accordance with the American Society for Testing and Materials, Designation: D3033-5.

Sec. 98-80. Issuance of development permit.

- (a) Upon notification by the ~~DAD~~[Public Works Department](#) of the determination of the city engineer, the Planning and Development Services Department will immediately notify the applicant of that determination.

Chapter 106. SUBDIVISIONS

Sec. 106-30. Preliminary plat and [engineering](#) construction plan review.

- (a) Two application submittal processes are provided for Preliminary Plats:
 - (1) *Phased Developments.*
 - a. In all cases involving phased developments, the applicant shall file a Preliminary Plat and [Engineering](#) Construction Plan and, upon receipt of the related Development Order, may then file a Final Plat application for the first phase of the project.
 - b. ~~No~~ Final Plat application ~~shall~~[may](#) be filed ~~until~~[currently with](#) the Preliminary Plat (PP) and [Engineering](#) Construction Plan (~~ECP~~ ~~Development Order has been issued~~[application, provided the Preliminary Plat Development Order is issued prior to DRC approval of the Final Plat application.](#)
 - c. Preliminary Plat and [Engineering](#) Construction Plan Development Orders shall be filed, processed and approved consistent with Sections 74-3 and 74-4 of this Land Development Code.
 - d. Phased subdivisions applications shall include tables, illustrations, other ways to convey information that describe relevant geographic (i.e. boundary of phases), and measurable elements (i.e. number of lots) that pertain to each phase of the project and totals for the project as a whole, including those areas intended for public and private use.
 - (2) *Non-Phased Developments:* For subdivisions that do not involve phased developments, the developer may bypass the requirement to file a Preliminary Plat application and proceed to file the Final Plat and [Engineering](#) Construction Plan Development Order, as provided in Section 106-31(a)(1)b.
- (b) All applicants who are prepared to submit a Preliminary Plat and [Engineering](#) Construction Plan application ~~are strongly urged to~~[shall](#) participate in a pre-application meeting with [appropriate](#) City staff in order to discuss substantive issues related to the pending submittal.
- (c) The Preliminary Plat and [Engineering](#) Construction Plan application shall be consistent with this Land Development Code and all other applicable regulation.
 - (1) *Procedure and required submittals.* The applicant shall provide the Planning and Development Services Department with a minimum of 8 hard copies of the Preliminary Plat and [Engineering](#)

Construction Plan package (10 copies if the plat proposes to access a Volusia County roadway or is located in the Deltona North utility area), an electronic copy of the Preliminary Plat and [Engineering](#) Construction Plan package including a separate PDF for each plat sheet, and appropriate fee. The application shall include:

a. *The Preliminary Plat and [Engineering](#) Construction Plan format requires that:*

1. [Engineering](#) Construction Plans shall be submitted on 24" x 36" sheet sizes in a format approved by the City Engineer.
2. Preliminary Plats, submitted as a separate document from the [Engineering](#) Construction Plan, shall be submitted in the same format as required for Final Plats by Florida Statute Chapter 177 and by the applicable provisions of this Land Development Code.

b. *General information and General Notes.*

1. A current, no older than two (2) years, at scale survey of the subject property prepared by a registered surveyor containing the legal description of the subject property, Property Appraiser's tax identification number(s), and the surveyor's certificate of accuracy. The legal description shall also be presented to the City as part of a Word file;
2. A vicinity map at a scale not to exceed one inch equals 2,000 feet with sufficient information to locate a property in the field;
3. Name of the proposed subdivision; and the name, address, telephone number, and e-mail address of the applicant/owner, subdivision designer, professional engineer, and registered surveyor, and other members of the development team;
4. Date of survey and schematic plan preparation, north arrow, and graphic scale;
5. Total acreage in the tracts, acreage in public or other land usage, total number of lots, and the linear feet of streets;
6. Names and location of adjoining plats/subdivisions and lots, blocks and streets; including the plat book and page number as applicable;
7. Current zoning and existing uses of the subject property and of adjacent and surrounding properties; and
8. Other supplemental information requested by the Planning and Development Services Director or the DRC.

c. *Existing Site Data.*

1. City limit lines (if applicable), property lines, easements, streets, easements, rights-of-way, cross sections, driveways, railroads, utility transmission lines, adjacent street and rights-of-way within 300-ft. of the site, storm sewers, ditches and culverts, sanitary sewer, potable water, and reuse water infrastructure, bridges, buildings, bulkheads;
2. Wooded, wetland and 100 year floodplain areas, marshes, predominant plant communities, watercourses, ponds, and other similar conditions affecting the site;
3. Identify plants and animals which inhabit the site that are listed as federal and state endangered species, threatened species, or species of special concern and known wildlife corridors;
4. Identify topography of the site at not more than one (1) foot vertical contour intervals based on mean sea level data furnished by a professional engineer or surveyor.

5. Identify specific soil types and their limitations for the planned use. Soil information is to be taken from the most recent soil survey or from soil borings, if required;
 6. Identify known historic and archaeological sites.
- d. *Proposed site data and construction details.*
1. Tentative construction schedule of the proposed development, including, if applicable, a tentative schedule for phasing construction;
 2. The date potable water and sanitary sewer facilities are needed to serve the proposed development and a commitment from the appropriate potable water and/or sanitary sewer provider demonstrating adequate capacity shall be available to service the proposed development at the time of impact as provided in Chapter 86;
 3. Engineering plans and locations for all utilities, including, but not limited to, sanitary sewer, storm sewers, water lines and electric lines (if located underground). Show connections to existing systems; stormwater detention or retention facilities or alternative stormwater control system; storm drainage and sewage disposal systems; storm and sanitary profiles; and, when present or proposed, cross sections, inverts, and top elevations of structures;
 4. Information on essential services, including electric or gas services, including a commitment from the provider that adequate electric or gas service, where appropriate, will be available prior to issuance of the Development Order;
 5. Street rights-of-way, pavement widths, grades and elevations, street names, plans, profiles, and, when requested by the city engineer, cross-sections. Street center line dimensions, scalar block and lot layouts, lot and block numbers;
 6. Other rights-of-way or easements, including locations, dimensions and purposes;
 7. Any deed restrictions, protective covenants, homeowner association/property owner association documents for the subdivision and any other information deemed necessary by either the applicant or the DRC;
 8. Contour changes, dikes or any created water bodies or changed watercourses;
 9. Bulkheads and bridges; engineering plans, and cross-sections;
 10. Parks, school sites, common areas, and other public uses, if any;
 11. Areas to be used for purposes other than residential and public; and with the purposes, location and dimensions of each indicated;
 12. Areas reserved for natural resources protection, conservation easements, tree protection areas, open space, etc. Natural and/or preservation areas shall not be used for stormwater management;
 13. Surface drainage patterns with direction of flow;
 14. Stormwater management and Best Management Practices during construction; to include the following:
 - i. The location, type, and description of all proposed erosion and sedimentation controls (i.e., silt fences, synthetic hay bales, etc.).
 - ii. Fuel storage areas.
 - iii. Concrete washout areas.

- iv. Temporary construction entrance and fire apparatus access roadway details.
- v. Areas where construction waste and material storage have the potential to impact stormwater runoff.
- vi. Dewatering areas and the associated discharge points with turbidity limits.
- vii. For proposed developments greater than or equal to one acre or developments less than one acre that are part of a larger common plan of development, a draft or final copy (if applicable) of the site construction generic permit (CGP) notice of intent (NOI), to be submitted to the City.
- vii. Other information, as deemed necessary by the City.

(2) *Developer's option to commence construction.*

- a. *Phased Development:* The developer may elect to commence site development of the subdivision after the Preliminary Plat and [Engineering](#) Construction Plan Development Order has been issued.

If the developer elects to commence site development prior to or concurrently with Final Plat approval, he/she shall notify in writing the Planning and Development Services Director or his/her designee of that intention. The Planning and Development Services Director or his/her designee shall then issue a development permit authorizing the commencement of site development consistent with the approved [Engineering](#) Construction Plans, provided the approval process for all other permits adheres to applicable local, regional, state, and federal laws.

- (3) *DRC review.* The DRC shall review and take final action on all Preliminary Plat and [Engineering](#) Construction Plan applications, to ensure compliance with the provisions of the Land Development Code.
- (4) *100 year flood zone.* If a 100 year flood zone is present on-site, as defined by the Federal Insurance Rate Maps (FIRM), the DRC shall recommend that development and related investment be directed away from this flood zone or other mitigation measures as deemed appropriate.
- (5) *Appeal DRC decision to the City Commission.* If the applicant is aggrieved by the DRC's decision, he/she may request an appeal to the City Commission. Appeals must be filed with the Planning and Development Services Department within twenty (20) working days following the transmission of the DRC's decision to the applicant and must specify the points of disagreement and basis for the disagreement.

Sec. 106-31. Final Plat Review.

Sec. 106-31(a)(1)b. *Non-Phased Developments:* For non-phased developments an application for a Final Plat and [Engineering](#) Construction Plan Development Order shall be filed, processed and approved consistent with Sections 74-3 and 74-4 of this Land Development Code. In addition to the required submittals of Section 106-31(a)(2), the application for a Final Plat and [Engineering](#) Construction Plan Development Order shall include all items required under Sections 106-30(c)(1)c. (*Existing Site Data*) and 106-30(c)(1)d. (*Proposed site data and construction details*). All applicants who are prepared to submit a Final Plat and [Engineering](#) Construction Plan application ~~are strongly urged to~~ [shall](#) participate in a pre-application meeting with [appropriate](#) City staff in order to discuss substantive issues related to the pending submittal. [For non-](#)

phased developments the applicant may elect to submit a Preliminary Plat application. The applicant that elects to submit a Preliminary Plat application shall comply with the Preliminary Plat and Engineering Construction Plan requirements of Section 106-30 and shall comply with the Final Plat Phased Development requirements of Section 106-31(a)(1).

Sec. 106-31(a)(2)d.3. Three sets of bond copies and a CD with AutoCAD and Portable Document Format (PDF) of the as-built Engineering eConstruction pPlans signed and sealed by the professional engineer which encompass all required improvements. The applicant shall also provide the Planning and Development Services Director or his/her designee an electronic version of the approved ‘as built’ plans using a software platform acceptable to the City.

Chapter 110 ZONING*

Sec. 110-307. R1-AAA, AA, A, and R1, Single-family classifications.

(a) *Purpose and intent.* These classifications are established within the city to provide areas for single family dwellings and customary accessory buildings. The regulations for this classification are designed to promote the construction and continued use of land for single-family dwellings, and to provide as conditional uses certain structures and uses required to serve the residents, such as churches and noncommercial recreational areas. Prohibited are uses of land that would create potential nuisances to residential areas, adversely affect residential property values, overburden public facilities or create potentially adverse individual or cumulative impacts to adjacent lakes that would diminish their water quality or aesthetic appeal.

(b) *Permitted principal uses and structures.* In the R-1AAA, AA and A districts, no premises shall be used except for the following principal uses and their customary accessory structures or uses.

Single-family dwellings and their customary accessory uses and structures when located on the same lot as the principal uses.

[Granny Flats \(refer to section 110-827\(c\)\(4\)\)](#)

Home offices as restricted by section 110-807 of this chapter.

Publicly or privately owned municipal or public water supply wells less than eight inches in diameter.

Communication towers up to 70 feet high, in accordance with Chapter 82, Code of Ordinances of the City of Deltona, as it may be amended from time to time.

Antennas and towers up to 70 feet high for amateur radio, citizens band, marine band, and business band radio communications, consistent with applicable state and federal regulations regarding antennas and towers for these services.

Publicly owned parks and recreational areas.

Privately owned parks and recreational areas that are part of a city-approved subdivision, or single-family planned development.

(c) *Conditional uses and structures.*

Adult family-care home (refer to section 110-817(l))

Assisted living facility (refer to section 110-817(l))

Communication towers over 70 feet high, in accordance with Chapter 82, Code of Ordinances of the City of Deltona, as it may be amended from time to time.

Day care centers (refer to section 110-817(f) of this chapter).

~~Granny Flats (refer to section 110-827(e)(4))~~

Group home facility (refer to section 110-817(l)).

Houses of worship (refer to section 110-817(d) of this chapter).

Nursing home and nursing home facility (refer to section 110-817(l))

Public markets.

Public uses not listed as a principal permitted use.

Publicly or privately owned municipal or public water supply wells of eight inches or more in diameter.

Public utility uses and structures (refer to section 110-817(a) of this chapter).

Non-commercial recreational areas not listed as principal permitted uses (refer to section 110-817(c) of this chapter).

Public, parochial, or private schools (refer to section 110-817(d) of this chapter).

Sec. 110-317. C-3, Heavy Commercial classification.

(a) *Purpose and intent.* The purpose and intent of the C-3 Heavy Commercial classification is to provide areas for commercial uses and structures that are not generally compatible with [B-4 intensive C-1 or C-2](#) uses and structures.

Sec. 110-503. Multiple use of required space prohibited.

[Except as may be allow per other sections of this Land Development Code](#), ~~No~~ part of a yard, or other required open space, or of the off-street parking or loading spaces for one structure, shall be included as part of a yard, open space or off-street parking or loading space requirements for any other structure.

Sec. 110-808. Landscaping requirements.

(b) *Landscape plan and irrigation plan required.* When the construction upon or the development of a new site or the redevelopment, reconstruction, upgrading, or expansion in use of a previously developed site will require a landscape plan and irrigation plan, the provisions of this section shall be applied to all landscaped areas required by this regulation consistent with the water-efficient landscaping standards established herein.

(2) Irrigation plan.

- a. Irrigation systems shall be designed to correlate to the organization of plants into zones as described above. A temporary above ground irrigation system may be used in areas where low water use zone plant material are proposed. All permanent underground irrigation systems shall be automatic with cycling capacity and shall be designed to avoid irrigation of impervious surfaces. Irrigation systems shall be maintained to eliminate waste of water due to loss from damaged, missing or improperly operating sprinkler heads, valves, pipes, or controllers.
- b. The irrigation plan shall be submitted showing a detailed layout and description of a permanent underground irrigation system providing 100 percent coverage of all landscaped

areas. The irrigation plan shall include information such as sprinkler head type, pipe size, radius of throw, valve and backflow preventer and rain sensor device locations, location of well or source of water and other relevant information for an irrigation system.

- c. Installed trees and plant materials shall be grouped together into zones according to their water use needs. The water use zones shall correlate to the water use zone designations identified in the approved plant species list set forth in Figure I to this chapter. Plants with similar cultural (soil, climate, and light) requirements should be grouped together and irrigated according to their water requirements. Turfgrass shall be irrigated on a separate zone from trees, shrubs and ground cover beds.
- d. All water use zones shall be indicated on the landscape plan and irrigation plan. A rain sensor device or switch shall be required on any newly installed automatic irrigation system to prevent irrigation during periods of sufficient rainfall. The use of low volume, emitter or target irrigation is preferred for trees, shrubs and ground cover. The use of irrigation systems shall comply with all water use restrictions imposed by law.
- e. When an effluent reuse system is available to serve the premises and sufficient capacity exists, reclaimed water shall be used to irrigate any area required to be landscaped.
- f. Irrigation systems shall be installed according to manufacturer's specifications and the Florida Irrigation Society Standards and Specifications for Turf and Landscape Irrigation Systems.

[g. Refer to the City of Deltona Code of Ordinance Section 68-30, Water Use Restrictions, regarding variances allowed for schedule dates of irrigation.](#)

(d) *Approved plant species list.* All plant material proposed to be installed on a site to meet the requirements of this chapter shall be site appropriate and selected from the following approved plant species lists:

1) ~~set forth in~~ Table 110-7 ~~of~~ this chapter.

2) [Waterwise Florida Landscapes, Third Printing, April 2006, or subsequent printings.](#)

3) [The Florida-Friendly Landscaping Guide to Plant Selection & Landscape Design™, University of Florida, 2010 Edition or subsequent publications.](#)

Use of any other plant material shall require prior approval by the enforcement official. The plants listed in Figure I to this part have demonstrated ability to grow and thrive in the Central Florida area.

[Applicants, developers, and property owners are strongly encouraged to employ the Xeriscape™ principles as outline in the Waterwise Florida Landscapes document noted in Section \(d\)\(2\) above.](#)

(e) *Landscaped perimeter buffers.* Landscape buffers shall be designed, established and maintained in accordance with this section.

- (2) *Bufferyards.* Landscaped bufferyards shall be established between differing land uses around development project perimeters in accordance with the requirements of this section. These requirements shall be deemed the minimum necessary to achieve compatibility between land uses. ~~Bufferyards shall be developed by each use classification based on existing contiguous land uses, zoning, or land use plan designation, whichever is most intense.~~ [After determining the existing land uses, zoned uses, and planned land uses around the development project, in order to calculate the appropriate bufferyard widths, apply the widest bufferyard in order to provide the greatest protection among existing or possible future uses.](#)

(3) *Bufferyard requirements.* Existing canopy trees, understory trees, shrubs, and groundcover that are located within a required perimeter bufferyard may satisfy the requirements of this section. The type, size, density, and health of existing plant materials must result in a sustained buffer equivalent to what otherwise would be required under the landscape provisions of the Land Development Code. The existing bufferyard area shall remain free of any trash, debris or existing structures that would detract from the aesthetics and effectiveness of such bufferyard. Bufferyard requirements shall be determined as follows:

a. Two (2) adjoining uses: Calculate the numerical difference between the land use intensity factors of the two adjoining uses by subtracting the land use intensity factor of the least intense land use from that of the more intense land use (use Table 110-4 Land Use Intensity Factors). ~~as shown in the following table in this paragraph.~~

b. Between land uses opposite each other across a right-of-way: Where two differing land uses are opposite each other across a right-of-way, the intensity factor, per Table 110-4, shall be further reduced as ~~follows~~ listed in Table 110-2 (Reduction of Intensity Difference):

Table 110-2 Reduction of Intensity Difference

Right-of-way Width	Reduction of Intensity Difference
60 feet or less	1
61 feet to 100 feet	2
101 feet to 150 feet	3
151 feet or more	4

c. Use the resulting land use intensity difference to determine buffer design type shown in Table 110-3.

d. For minimum bufferyard requirements, see Section 110-808(e)(5) Landscape buffers along rights-of-way and Section 110-808(e)(7) Perimeter landscape buffers.

However, all development adjacent to rights-of-way shall provide landscaping adjacent to the right-of-way in accordance with the minimum requirements of this section.

All plant materials in required landscape bufferyards between differing land uses shall be evergreen, except where natural vegetation is preserved. Natural vegetation may be preserved within the required landscape bufferyard. Natural vegetation shall be supplemented with walls, berms, or planted landscaping to achieve the desired screening.

Plant materials shall be placed within the required bufferyard to produce the maximum screening effect between the affected properties. Trees shall be spaced within the bufferyard to provide a continuous screen at maturity. Trees shall be selected and planted so their crown spreads at maturity will be as close as possible to one another. The use of flowering understory trees is required in this bufferyard. Shrubs shall also be located within the bufferyard to provide maximum opacity, whether they are evenly spaced or clustered. Plants shall be selected to provide variety and interest, as well as screening. The entire bufferyard shall not be covered with only one plant species of any type.

Bufferyard design type shall be based on the land use intensity score difference using the following table:

Table 110-3 Bufferyard Design Type Required Plantings

Bufferyard Design Type	Width (feet)	Required Plantings per 100 lineal feet:		
		Shade Trees	Understory Trees	Shrubs
1	5	2	2	20
2	10	3	3	30
3	20	4	4	40
4	30	5	6	50
5	40	7	8	60
6	50	8	10	70
7	60	9	12	80
8	70	10	14	90
9	80	10	16	100

(f) *Landscaping adjacent to structures.*

(1) *Minimum planting requirements.* The interior of any site, including those areas directly adjacent to structures shall be landscaped in accordance with the following provisions. Landscape materials required in this subsection are in addition to any landscape materials that may otherwise be required in this chapter, unless otherwise stated herein, or the principal structure is located within 50 feet of a perimeter lot line where, in such cases, the perimeter landscape requirement may serve to satisfy the foundation landscape requirement for that portion of the building most parallel to such lot line and further provided that these landscape materials are installed in a manner that provides an effective buffering result. The measurement of any exterior building to determine the required number of plantings shall not include overhead or loading area doors, openings for motor vehicle bays or entrances, or the perimeter of attached or detached canopies.

a. ~~Professional business, commercial, medical, or industrial uses~~ Non-residential.

1. One foundation plant shall be required for every one foot of the front of building, and for every one foot of the building exterior that is faces a street, parking area, or is exposed to view from adjacent residential property.
2. One understory tree shall be required for every 20 feet of the front of building, and for every 20 feet of the building exterior walls that are exposed to view from an adjacent street or parking area. One understory tree shall be required for every 15 linear feet of exterior building wall that is exposed to view from adjacent residential areas.

(j) *Solid waste containers.* All solid waste containers shall be enclosed on at least three sides with a six-foot high screen. The screen shall consist of a masonry wall. A hedge consisting of shrubs of a species selected from ~~Figure 1~~ Table 110-7C, planted one-foot apart within three feet of the solid waste container enclosure, and groundcover selected from ~~Figure 1~~ Table 110-7D shall abut the enclosure walls, except that such hedge is not required in cases where solid waste containers are integrated and located within the interior of an area designated for commercial or industrial shipping and receiving and where the container enclosures are otherwise effectively buffered from view from adjoining

[properties planned or zoned for residential, office or institutional uses](#). The landscaping around the solid waste container enclosure shall be maintained in accordance with the requirements for maintenance of landscaping in this section, and shall be planted in a strip of soil wide and deep enough to ensure its survival.

The container shall be enclosed in such a manner so that said container will be screened from public streets and adjoining properties. A concrete or asphalt pad of appropriate size and construction shall be provided as a base for the container. The container pad shall be at the approximate level of the service vehicle approach areas so that the truck's loading mechanism can align with the container's sleeves.

The screened enclosure shall not be located within any street right-of-way or required yard area. Containers and enclosures shall be located so as to allow ease of access for collection trucks and direct access to drive areas. Straight-in or circular drives are encouraged to reduce truck-maneuvering problems. No parking or other obstructions shall be permitted in the access area for enclosures.

- (l) *Maintenance requirements.* The property owner will be responsible for maintenance of all required landscape and irrigation improvements as originally approved. Therefore, these maintenance requirements shall carry with the land and shall be the responsibility of any subsequent owners of the property.

Landscape areas and site improvements shall be maintained in good condition for a healthy, neat, and orderly appearance and shall be kept free from weeds and debris. All plant materials shall be maintained in a healthy and vigorous condition through proper irrigation, fertilization, pruning, weeding, mowing, and other standard horticultural practices. Plant material should grow to their normal shape, color, and height, to fulfill the required functions of screening, shading, buffering, and aesthetic appeal set forth by the City of Deltona. The hat racking of trees is prohibited. All dead plants shall be replaced. This requirement includes, but is not limited to, the replacement of plants damaged by insects, diseases, vehicular traffic, acts of God, and vandalism. Mulch shall be maintained at the proper coverage and depth.

The irrigation system shall be fully operational and shall be operated on a regular basis to provide the appropriate amount of water to the plant materials to maintain adequate plant health and growth. In situations where drought tolerant plant materials have not been properly maintained primarily due to lack of sufficient watering, the enforcement official may require the installation of a permanent irrigation system meeting the specifications of this chapter.

The eCity shall notify the property owner in writing of any maintenance violations. Upon notification of a maintenance violation, the property owner, ~~tenant~~, or [his/her duly](#) authorized agent shall correct the violation [or file an appeal per section 110-808\(n\)](#) within 30 days.

If an existing site that is nonconforming with regard to landscape or buffer requirements, number of trees or other landscape standards is made more so by the removal, destruction or death of the plant material, then the owner shall be required to replace what was removed or destroyed in that area and to provide additional materials to the extent that it would be practically and economically feasible to do so, to meet minimum current standards.

Sec. 110-810. Driveway Expansion (Residential)

- a) [The driveway expansion may not extend into the public right-of-way.](#)
- b) [Access to the driveway expansion along a publicly paved road must be made via the concrete apron of the main driveway.](#)
- c) [The driveway expansion material may consist of concrete or asphalt provided the lot meets the impervious surface ratio requirements or may consist of a minimum of four \(4\) inches deep packed crushed pack, gravel, mulch, shell or other similar material acceptable to the City. Any crushed material shall be held in place with a slightly raised border of landscaping timbers, paver stones, or](#)

bricks specifically made for an outdoor landscaping border use to prevent the material from washing away.

d) The area of the driveway expansion must be continuously maintained in a smooth well-graded condition to prevent vegetative intrusion.

Sec. 110-814. Additional regulations for certain permitted principal uses and structures.

(i) *Metal buildings.* Metal buildings shall be permitted only in accordance with the following requirements:

(1) That portion of a metal building visible from a street or residentially or commercially used or zoned property, public right-of-way, public park or building, school, office used or zoned area, or other area of similar use ~~shall~~ may adhere to the design principles outlined in the City of Deltona Urban Design Pattern Book and Urban Design Master Plan or employ at least one of the following techniques to achieve an opaque, attractive and durable visual screen between such metal building and properties described herein;

a. Use of landscaping, hedges, berms, fences or a combination of these materials, or

b. Construction of building walls using either wood, brick, split-face masonry, stucco or other synthetic materials of similar appearance and durability.

Sec. 110-817. Conditions Applied to Conditional ~~u~~Uses.

The following uses or structures are ~~permitted~~ allowed as conditional uses only when listed as permitted conditional uses in article III and meet all requirements, ~~as set forth in article XI~~ herein.

(d) Houses of worship, cemeteries, parochial or private schools are permitted, provided:

(4) All private schools must meet the applicable Florida Statutes requirements ~~of F.S. § 333.3(3)~~ or obtain a variance under article XI, Section 110-1103 of this chapter.

(g) Granny Flats Reserved

~~(1) Minimum lot area required: 7,500 square feet~~

~~(2) Be used to house immediate family members or domestic help/caregivers.~~

~~(3) Shall contain a minimum of 400 square feet of living area but shall not be greater than 35 percent of the gross floor area of the principal dwelling unit.~~

~~(4) Shall have all utility services provided by a common meter with the principal dwelling.~~

~~(5) Shall not have a separate driveway.~~

~~(6) Shall not be assigned a separate address.~~

~~(7) All granny flats approved will be subject to a declaration of use agreement between the owner and City stipulating, at minimum, the nature of the occupancy and granting the City right to inspect the premises in a reasonable manner.~~

(n) Reserved ~~Off street parking areas are permitted on vacant lots that are contiguous to or lie directly across the street from lots classified as PB, C 1, C 2 and C 3 providing the following conditions are met:~~

~~(1) The off street parking area shall be used to serve only an existing conforming commercial use.~~

~~(2) If the off street parking area is contiguous to the premises on which the principal commercial use is located, motor vehicles shall only enter or exit the parking area through that premises.~~

- ~~(3) The parking area shall be surfaced with brick, asphalt, bituminous concrete or packed shell or marl material and maintained in a smooth, well graded condition and shall comply with the land development code Ordinance No. 96-25, as it may be amended from time to time. If lighted, no artificial light source shall be visible from adjoining properties. Lighting shall be shielded so as not to directly illuminate adjacent residential properties, and shall not glare directly onto the adjacent streets.~~
- ~~(4) The off street parking area shall be designed to meet the dimensional requirements of the land development code.~~
- ~~(5) Each application for a conditional use shall be accompanied by a parking plan meeting the requirements of the land development code and a landscape plan.~~
- ~~(6) A landscape plan meeting the following requirements shall be submitted:
 - ~~a. The parking lot shall be planned and designed to retain the maximum amount of natural vegetation and shade trees. In the event that natural vegetation cannot be used, the plant materials listed in section 110-808 of this chapter shall be incorporated into the landscape design.~~
 - ~~b. An existing tree survey performed in compliance with chapter 98, article II, Code of Ordinances, as it may be amended from time to time, and irrigation plan shall also be provided at the same scale as the landscape plan.~~
 - ~~c. The landscape materials and planting area shall be reasonably dispersed throughout the parking area.~~
 - ~~d. Not less than ten percent of the interior of the parking lot shall be landscaped. The required buffer area shall not be considered a part of this interior landscape requirement.~~
 - ~~e. The dimensions of any planting area shall comply with section 110-808 of this chapter.~~
 - ~~f. A 25 foot landscaping buffer area shall be maintained along the perimeter of the parking area which is contiguous to property classified C, FR, RC,A, RE-5, RE-1, R-1 through R1-B, residential use areas of the RPUD and MPUD, MH.~~
 - ~~g. A six foot high, opaque masonry wall, or wall having the appearance of masonry using a material approved by the enforcement official and the building official, shall be constructed adjacent to A, RE-5, RE-1, R-1 through R1-B, residential use areas of the RPUD and MPUD, MH zoning classifications. The wall shall be erected within five feet of the off street parking area and be maintained in a neat and orderly manner at all times. Landscaped berms may be used in place of a wall. The berms shall be constructed to a height of four feet with inside slopes not exceeding a three to one ratio. Plant material shall be planted on top of the berm and shall be a minimum of two feet in height with a planting interval of at least three feet on center.~~~~
- ~~(7) A workable underground irrigation system shall be installed in order to provide the means to water any planted landscape materials.~~
- ~~(8) All landscaping shall be maintained in accordance with section 110-808 of this chapter.~~
- ~~(9) The parking area shall not be used until the parking area has been constructed in accordance with the plans approved pursuant to conditional use.~~
- ~~(10) A ten foot wide landscape buffer area meeting the requirements of section 110-808 shall be maintained along the perimeter of the parking area which is contiguous to or directly across the street from property located in the RE-5, RE-1, R-1 through R1-B, or MH zoning districts.~~

Sec. 110-819. Temporary uses and structures.

(a) Dwelling unit, model.

- (1) A model dwelling unit shall have received an approved building permit final inspection including zoning approval prior to occupancy. ~~pursuant to the building permit, which was issued for it.~~
- (2) Model homes for residential development projects shall be located within the property lines shown for the project they serve on the development plans approved by the City pursuant to the Land Development Code.
Model homes shall be discontinued upon the sale of the last model home to the owner who will be occupying it.
- (23) Signs for Model Homes.
 - a. Signs for model homes shall comply with the Deltona Sign Ordinance, ~~eChapter 102, Code of Ordinances, as it may be amended from time to time.~~
 - b. Signs for model homes in areas zoned residential shall comply with the sign ordinance requirements regarding signs permitted for single-family homes within the zoning districts in which the model homes are located. Except that one lighted freestanding sign per model home or model home site shall be permitted.
 - c. Lighting from model home signs shall not cause glare onto the adjacent streets which interferes with the night vision of drivers. Lighted signs shall not glare into the windows of nearby residences, nor increase the light level above one foot-candle at the property lines of adjacent residential lots (including lots across the street from the model home).
 - d. All model home signs in residential districts shall use internal indirect lighting, floodlights are not permitted.
- (34) The model dwelling unit shall not be used as a residence or for a storage area for building materials or equipment.
- (45) Parking facilities for model homes.
 - a. Parking facilities for model homes shall be provided in accordance with ~~sSection 110-828, Ordinance No. 30-98, as it may be amended from time to time.~~
 - b. No more than two additional parking spaces for the type of proposed dwelling may be provided on the site of a model home in a residentially zoned area, beyond the minimum number ~~of parking spaces required by section 110-828 of Ordinance No. 30-98, as it may be amended from time to time. Parking on non-site plan approved parking spaces, including other units under construction, is prohibited. The parking requirement for model homes in model home centers shall be based on the minimum required parking for the most intensive permitted use in the zoning district in which the model homes are located.~~
 - c. A vacant lot adjacent to a model home may be developed as a parking facility in accordance with the driveway design and parking facility design and surfacing requirements of ~~sSections 110-828 and 110-829 of Ordinance No. 30-98 and Ordinance No. 96-25 [land development code], as they may be amended from time to time.~~ Parking on non-site plan approved parking spaces, including other units under construction, is prohibited.
 - d. A ten-foot wide landscaped buffer shall be provided around such parking facilities that at minimum meets the planting standards for landscaped buffers adjacent to residential zoning ~~in Ordinance No. 30-98, per sSection 110-808(e)(4), as it may be amended from time to time.~~ Use of such additional parking facilities after 7:00 p.m., or storage of vehicles, materials, or equipment therein is prohibited.

e. Model home parking facilities associated with approved sites shall be removed and either landscaped or converted to residential use in accordance with applicable City requirements upon the discontinuation of the model home.

- ~~(5) Model homes located in residential zones shall be located only on streets identified as arterials, collectors or thoroughfares on the most recently adopted Deltona Comprehensive Plan. No more than two model homes may be permitted on a single block face. Model home centers are prohibited within residential zoning districts. Model home permits shall expire in three years. A one year extension may be granted. Subdivision home sales centers are regulated by paragraph (12), below.~~
- (6) Lighting at the sites of model homes in residential zones shall be limited to the interior and exterior lighting normally associated with single-family residences in the immediate vicinity of the model home sites. In no case shall the illumination from a model home increase the level of illumination at the edge of pavement or at the property lines of adjoining properties more than one foot candle. ~~Lighted signs are prohibited. No lights shall glare directly onto adjacent properties, or onto the street. Lighting shall not increase the average background nighttime illumination at the edge of pavement of the nearest street, or at the adjacent residential property lines, by more than one foot candle.~~
- ~~(7) The only non residential use of model homes in residential zones is as a sales office for not more than two salespersons and one receptionist/secretary. There shall be no principal or accessory promotional activities at model homes in residential zoning districts including radio and television promotions, bands, our outdoor displays or events of any kind. A zoning permit issued by the Planning and Development Services Department shall be required for all open houses at homes built for speculative sale. No home built for speculative sale may have more than 12 open houses of not more than three consecutive days duration each in any 12 month time period. Except that homes built for speculative sale that are within the same block face as approved model homes shall be limited to no more than six open houses of no more than three consecutive days duration each per twelve month time period.~~
- ~~(8) Model home centers consisting of one or more model homes are permitted only in the PB, C-1, C-2, and C-3 zoning districts. Model home centers shall be submitted to the Planning and Development Services Department for final site plan approval in accordance with the procedures and requirements of the land development code, Ordinance No. 96-25, as it may be amended from time to time.~~
- ~~(9) The electrical, mechanical, plumbing and structural work in model homes in M~~model home centers shall comply with the current Florida Building Code, Residential (FBCR) standards for commercial occupancy, as determined by the building official. ~~Model homes in model home centers shall meet at least one of the following criteria: 1) they shall be built in compliance with the standards for commercial occupancy, as determined by the building official; or 2) they shall be subject to a developer's agreement requiring the walls, wiring, mechanical devices and interior plumbing to be removed to facilitate their conversion to commercial use, or requiring them to be removed, upon discontinuation of their use as model homes. Access to front~~the sales office entrances shall comply with the requirements of the ~~Americans with Disabilities Act (ADA)~~current Florida Building Code Accessibility (FBCA). At least one restroom facility shall be provided in the model home ~~center~~ that complies with ADA-FBCA requirements for single-family homes structures by installing standard handicapped design options in the model.
- ~~(10) Access to model home centers shall be designed in accordance with section 110-828 of this chapter and in accordance with Ordinance No. 96-25 [land development code], as they may be amended from time to time.~~
- ~~(11) Model home centers shall not receive a development order without a developer's agreement first being signed by the developer and approved by the city commission. Model home centers shall~~

~~be designed to facilitate conversion to non-residential use, or shall be removed, upon discontinuation of their use as model homes.~~

- ~~(12) Model homes and subdivision home sales centers for residential development projects, including subdivisions, shall be located within the property lines shown for the project they serve on the development plans approved by the city pursuant to the land development code, Ordinance No. 96-25, as it may be amended from time to time.~~

~~Individual model homes in phased subdivisions for which any phase is approved after the effective date of this chapter [November 16, 1998], additional or replacement model homes may not be built in any phase after 80 percent of the single family residential lots in the phase not containing model homes are built upon or have construction in progress. Furthermore, the model homes in any phase shall be discontinued not later than the time that 90 percent of the lots not containing model homes are sold, and 80 percent of all single family residential lots contain homes, model homes, or homes under construction. Individual model homes may only be located at a density not to exceed two per block face on any streets within the subdivision until the preceding criteria are met.~~

~~Subdivision home sales centers may only be located on a cul de sac street or a site with direct access to a residential collector street within the subdivision. Subdivision home sales centers shall be discontinued and converted to residential use no later than the date that 100 percent of the residential lots in the subdivision are sold and either have homes built on them or have pending home construction contracts. Subdivision home sales centers may have parking facilities located within their approved sites, but these parking facilities shall be removed and either landscaped or converted to residential use in accordance with applicable city requirements upon the discontinuation of the subdivision home sales centers. Individuals purchasing property adjacent to, or separated by a right of way from, subdivision home sales centers shall be notified in writing through a recorded statement that the centers may remain until the subdivision is sold out. Lighting, signage and landscaping requirements for subdivision home sales centers shall be the same as those for individual model homes. However, subdivision home sales centers may have an identifying entry monument sign of no more than 32 square feet in area, and enter and exit parking facility signs. The permitted entry monument sign and enter and exit parking facility signs shall be subject to the same lighting requirements as signs for individual model homes. Final site plans for subdivision model home sales centers shall be submitted to the city for approval pursuant to the procedures in Ordinance No. 96-25 [land development code], as it may be amended from time to time. However, subdivision home sales centers shall not require consideration at a formal meeting of the development review committee.~~

Sec. 110-827. Accessory Uses and Structures

(c) Design standards.

- (1) In all residential zoning districts for single family projects only, accessory buildings, antennas and their supporting structures, and swimming pools shall be subject to the following requirements:
- f. Accessory buildings and structures, except for sheds as provided for herein, shall not exceed the maximum height requirement for the particular district in which they are located.
 - k. Sheds:
 - 1. Up to two (2) sheds, not including other types of accessory buildings and structures, shall be permitted on a residential lot that is equal to or less than 20,000 square feet, so long as the sheds do not exceed 240 square feet ~~in the aggregate~~.

2. Sheds shall have a maximum height limitation of fifteen (15) feet from average finished grade to ridgeline, or fifteen (15) feet from finished grade to peak on the front of the structure.

3. Shed shall not be taller than the primary structure.

~~m. Of accessory building and structures, only sheds shall have a maximum height limitation of fifteen (15) feet from average finished grade to ridgeline, or fifteen (15) feet from finished grade to peak on the front of the structure. An accessory shed shall not be taller than the primary structure.~~

(4) Granny flats allowed in the A, RE-5, ~~and RE-1~~, R1-AAA, AA, A, and R1 zoning classifications ~~as a permitted principal use~~ are subject to the following requirements:

a. minimum lot area required: 7,500 square feet

~~ab.~~ c Can only be used as a dwelling unit by immediate family members or domestic help/caregiver quarters of the principal dwelling pursuant to the zoning district requirements;

~~bc.~~ shall be a minimum of 400 square feet of living area, but shall not be greater than 35 percent of the gross floor area of the principal dwelling unit;

~~ed.~~ shall have all utility services provided by a common meter with the principal dwelling;

~~de.~~ shall not have a separate driveway connection to the street;

~~ef.~~ shall not be assigned a separate address; and

~~fg.~~ all granny flats shall be subject to a declaration of use agreement between the owner and the City stipulating, at minimum, the nature of the occupancy and granting the City the right to inspect the premises in a reasonable manner.

Sec. 110-828. Off-street parking and loading. (Regulations)

(c) Location on vacant lot.

(1) Residential: The minimum number of parking spaces required in Section 110-828(f) for all single-family and two-family dwellings shall be located on the same lot as the main building. If additional parking spaces are required for any single-family or two-family dwelling, the additional parking spaces may be located either on the same lot as the main building, or on an adjacent vacant lot of an expanded residential building site.

(2) Non-residential: If the required off-street parking spaces for all other uses cannot reasonably be provided on the same lot on which the principal building or use is located, such required off-street parking spaces may be located on ~~another~~ a separate vacant lot, owned or leased by the owner of the lot on which the principal structure or use is located, providing the following conditions are met:

~~a. The parking area provided that such spaces shall be are~~ located within ~~2800~~ feet of the premises to be served, and, shall be are located only in one or more of the following classifications: RM-1, RM-2, OR, C-1, C-2, C-3, I, PUD or PB. ~~Such spaces may be located in any single family residential zoning district only as a conditional use. Heavy equipment and vehicles requiring a commercial drivers' license of any class shall not be parked or stored on an off-premises parking lot permitted by this paragraph within any residential zoning district, or within the Professional Business zoning classification.~~

b. The off-street parking area shall be used to serve only an existing conforming commercial use.

c. If the off-street parking area is contiguous to the premises on which the principal commercial use is located, motor vehicles shall only enter or exit the parking area through that premises.

- d. The parking area shall be surfaced with, brick, asphalt, bituminous concrete or packed shell or marl material and maintained in a smooth, well-graded condition and shall comply with the land development code Ordinance No. 96-25, as it may be amended from time to time. If lighted, no artificial light source shall be visible from adjoining properties. Lighting shall be shielded so as not to directly illuminate adjacent residential properties, and shall not glare directly onto the adjacent streets.
- e. The off-street parking area shall be designed to meet the dimensional requirements of the Land Development Code.
- f. A parking plan meeting the requirements of the Land Development Code shall be submitted.
- g. A landscape plan shall be submitted that meets the requirements of Section 110-808, except as may be otherwise allow herein:
1. Not less than ten (10) percent of the interior of the parking lot shall be landscaped. The required buffer area shall not be considered a part of this interior landscape requirement.
 2. A six-foot-high, opaque masonry wall, or wall having the appearance of masonry using a material approved by the enforcement official and the building official, shall be constructed adjacent to areas planned, zoned, or used for residential purposes. The wall shall be erected within five feet of the off-street parking area and be maintained in a neat and orderly manner at all times. Landscaped berms may be used in place of a wall. The berms shall be constructed to a height of four feet with inside slopes not exceeding a three to one ratio. Plant material shall be planted on top of the berm and shall be a minimum of two feet in height with a planting interval of at least three feet on center.
 3. An existing tree survey performed in compliance with Chapter 98 of the Land Development Code, as it may be amended from time to time.
- h. The off-site parking area shall not be used until it has been constructed in accordance with the plans approved.
- (23) No parking space or portion of any parking facility shall be located or built within any platted easement unless an authorized use permit is issued by the City of Deltona.
- (e) *Design requirements for off-street parking areas.* Off-street parking areas shall be designed and located to meet the following requirements:
- (2) When additional parking is installed on the vacant lot of an expanded residential building site, the parking area shall be designed and built in accordance with the requirements of this paragraph, as follows:
 - b. *Driveway spacing.* Driveway spacing shall meet the minimum standards of the Deltona Land Development Code, Ordinance No. 96-25, as it may be amended from time to time. No driveway connection to a street may be made to the vacant portion of a residential building site for the purpose of providing additional parking. Access shall be provided across the adjacent lot on which a one- or two-family dwelling exists. The driveway or accessway serving the parking facility on the vacant lot of an expanded residential building site shall be built using one of the types of surfacing required for parking areas in subsection ~~810828~~(b), as it may be amended from time to time.
- (f) *Minimum off-street parking spaces.* Minimum off-street parking spaces shall be provided with adequate means for vehicle ingress and egress from a public street or alley by an automobile of standard size, ~~in accordance with the following table.~~ The number of proposed occupants is one of many criteria used to establish parking requirements. While the number of proposed occupants may or may not equate to the maximum number of occupants allowed, as calculated per the fire code and required to be posted in the building, the parking requirements of this code shall be met. Fractional spaces shall be rounded to the closest whole number. In stadiums, houses of worship, sports arenas, or

other places of assembly where occupants sit on seats without dividing arms, each 18 linear inches of such seat shall be counted as one seat.

The minimum and maximum number of parking spaces required for any use not specifically mentioned, shall be determined by the zoning enforcement official or his or her designee based upon data from the Institute of Transportation Engineers Parking Generation Manual, from publications and data from the American Planning Association or the Urban Land Institute, from studies using ITE recommended methodology and other professionally acceptable sources. Information that other land uses, which are the same as, or similar to, the land use for which a parking determination is sought, have been provided a given number of parking spaces in other jurisdictions shall not be controlling in determining parking requirements, unless such requirements in other jurisdictions are supported by publications, data and information available, or presented in writing, to the zoning enforcement official.

Table 110-9 Minimum Off-Street Parking Spaces

(Note: Portion of table only applying to this revision)

<p>Church <u>House of Worship</u></p>	<p>1 space/3 seats in main assembly area, or 33.3 spaces/1,000 sq. ft. GFA in main assembly area if no fixed seating is provided. Seating shall be based on maximum fire code occupancy. Plus parking required for other uses on the site that operate during hours when the main assembly area may be in use.</p>
--	--

(k) Existing parking or expansion of existing parking areas may be shared by multiple non-residential uses on lots that meet the following provisions and performance criteria:

- (1) All shared parking spaces are fully or partially contained within an 800 feet radius of one another.
- (2) All affected property owners shall sign a recorded shared parking agreement that includes:
 - a. A detail of land use demand and supply of shared parking spaces necessary to meet such demand.
 - b. The expected duration of the shared parking agreement.
 - c. A hold harmless statement.
 - d. A statement that all affected property owners shall adhere to all related Land Development Code provisions, and
 - e. A statement that the City Planning and Development Services Department will be provided sufficient advance notification of no less than three (3) months relating to any proposed changes to the shared parking agreement and that the City shall approve such change prior to implementation.
- (3) Parking areas that are not connected by drive aisles shall be connected by a safe and efficient sidewalk system.
- (4) A shared parking plan shall be submitted for staff review and shall include:
 - a. Boundaries of all affected properties
 - b. Scaled drawing that clearly depicts the location and dimensions of all existing and proposed parking spaces, loading areas, dumpsters, drive aisles, external and interparcel access, sidewalks, street crossings and methods of transportation improvements, if applicable, landscaping, WB-40 truck turning movements (if required), lighting and other physical features to ensure the plan complies with the provisions of the Land Development Code.

- c. Other data or information as deemed necessary for proper review.
- (5) Implementation of shared parking shall not commence until all affected property owners have received written authorization from the City indicating approval of the shared parking plan.
- (6) Shared parking non-overlapping hours of operation: While adhering to other requirements as cited in Section 110-828(k)(1) through (5), certain parking spaces may be used to meet the parking requirements for two uses that maintain non-overlapping hours of operation, provided a data sheet is submitted to the City that includes the following information:
 - a. Separate parking calculations relating to the initial and subsequent shared parking periods demonstrating that the supply of parking spaces provided for each period is adequate to meet the land use demand for each use, as defined in Section 110-828.
 - b. Verification that at least a thirty (30) minutes period will occur between the closing hour of operation for uses in the initial shared parking period and the opening hour of operation for uses in the subsequent shared parking period.
 - c. Other data or information as deemed necessary for proper review.

Sec. 110-829. Off-street circulation, parking dimensions and loading facilities. (Requirements)

(b) *Functional elements of off-street circulation system.* Parking spaces, drive aisles, driveways and reservoir areas are the basic functional elements of the off-street circulation system. Additional elements, including but not limited to service roads, loading areas, bicycle parking areas, and mass transit loading (bus stop) areas within the proposed development, and left-turn lanes, right-turn lanes, traffic signals and marginal-access roads immediately adjacent to the proposed development, may also be required.

(1) Parking stalls and aisles.

a. The minimum size (in feet) of a parking space shall be as follows:

~~Nine'9'~~ × 19' standard space

10' × 22' parallel space

Handicap parking spaces shall be a minimum of 12'×19'20' with a five-foot wide adjacent ingress/egress striped access aisle. aisle handicap space Where two (2) handicap spaces are served by one (1) access aisle, such aisle shall be no wider than five (5) feet. The City Code designates the minimum required number of handicap spaces. Applicants are encourage to provide additional handicap spaces, when deemed appropriate to meet projected need.

Parking and maneuvering areas shall be designed in accordance with the diagram and table contained in section 70-60 of this Code.

~~A maximum of two feet of the length of any parking space may be grassed with use of appropriate curb stops.~~Where wheels stops are used with a parking space, a maximum length of two (2) feet as measured with the bumper overhang area may be sodded; provided this area is connected to and part of a larger landscaped area that is not part of a stormwater management facility.

(d) *Vehicular reservoir areas.* Adequate reservoir capacity shall be required for both inbound and outbound vehicles to facilitate the safe and efficient movement between the public right-of-way and the development. An inbound reservoir shall be of sufficient size to ensure that vehicles will not obstruct the adjacent roadway, the sidewalk, and the circulation within the facility. An outbound reservoir shall be required to eliminate backup and delay of vehicles within the development.

(1) Design. A reservoir area shall be designed to include a space of 12 feet wide by 25 feet long for each vehicle to be accommodated within the reservoir area and so that vehicles within the

reservoir area do not ~~block parking stalls, parking aisles or driveways of off-street parking facilities~~ obstruct the adjacent roadways and sidewalks, or unreasonably impede internal vehicular circulation of the facility.

Sec. 110-900. Administration.

- (b) *Permits required.* No structure, including any sign greater than 16 square feet in copy area ~~unless specifically exempted under section 110-822 of this chapter,~~ shall be erected, moved or altered without first applying for or obtaining a building permit as required by the standard building code and electrical code, if applicable. No building permit shall be issued by the ~~Building and Zoning Department~~City until the building official signs the building permit application attesting to the fact that the proposed use or structure or sign conforms to this chapter; or unless the building official receives a written order from the eCity eCommission, whichever is applicable. If the building official does not sign the building permit application, reasons for such action shall be stated in writing, upon request. No building permit shall be required to erect fences on any agriculturally classified lands.
- (c) *Application for building permit.* Building permit applications may be obtained from the ~~City department of Building and Zoning, and e~~Each application for a building permit shall conform with and contain the following information in addition to ~~the information required by~~ any other applicable section provisions of this chapter and ~~the Building and Zoning Department~~ any other requirements:
- (1) Plot and construction plans drawn to scale showing:
 - a. Shape and dimensions of the lot.
 - ~~b. Any existing structures.~~
 - eb. Size, type, and location, and use of the proposed and any existing structures.
 - ~~d. Use of any existing structures.~~
 - e. ~~Intended use of each proposed structure.~~
 - fc. Number of dwelling units, if applicable.
 - gd. Location of any existing roads, any platted rights-of-way, any platted easements, water bodies, watercourses, and wetlands.

Sec. 110-1200. Creation.

A planning and zoning board is hereby created, effective April 1, 1999. It shall be referred to in this article as "the board". The jurisdiction of the board shall be throughout the area of the City of Deltona. It shall have the following membership, powers, duties, responsibilities, and limitations.

- (a) *Membership, place of residence, terms of office.* The board shall have seven members appointed by the city commission. Each member shall serve for a term of three years. Each city commissioner and the mayor shall appoint one member to the board, said appointments to be ratified by a majority vote of the city commission. ~~The initial terms of office shall be staggered. Two members shall serve for one year, two members shall serve for two years, and the remaining members shall serve for terms of three years. The members to serve initial terms of one and two years shall be determined by drawing lots by the city commission after making the initial appointments. Thereafter, all members shall be appointed for terms of three years.~~No board member shall serve on the board for more than two consecutive three-year terms. No elected official and no employee of the city government shall be appointed to serve on the board.
- (c) *Officers.* The board shall elect a chairperson, vice-chairperson and secretary from among its members. The terms of all board officers shall be one year, each having eligibility for re-election. At the first meeting of the board of each calendar year, the secretary shall call the board meeting to order

and shall then call for nominations for the chairperson. Upon election of a chairperson, the secretary shall pass the gavel to the chair. The chairperson shall then call for nominations for vice-chairperson. Upon election of a vice-chairperson, the chair shall call for nominations for secretary. ~~The director of development services shall perform the secretary's duties in opening the meeting and calling for nominations for chairperson at the first meeting of the board following its establishment by the city commission.~~

ARTICLE XIII. LEGAL STATUS PROVISIONS Reserved

~~Sec. 110-1300. Conflict with other ordinances.~~

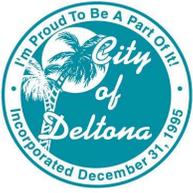
~~In case of conflict between this chapter, or any part thereof, and the whole or any part of any other existing ordinance, the other ordinance shall be repealed to the extent of any such inconsistency.~~

~~Sec. 110-1301. Severability.~~

~~Should any section or provision of this chapter or the application of any provision of this chapter be declared by the courts to be unconstitutional or invalid, such declaration shall not affect the validity of the remainder of this chapter.~~

~~Sec. 110-1302. Effective date.~~

~~This chapter, originally adopted on November 16, 1998, is hereby amended. This chapter shall be published and posted as provided by law and shall take effective date immediately upon adoption by City Commission.~~



Agenda Memo

AGENDA ITEM:E.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 9 - E

SUBJECT:

Public Hearing - Ordinance No. 08-2016, Creating a new Article VII, "Fire Protection System", of Chapter 42, "Fire Prevention and Protection", of the Code of the City of Deltona, at first reading and to schedule second reading for April 4, 2016 - Becky Vose, Legal Department, (407) 448-0111.

Strategic Goal: Public Safety.

LOCATION:

Citywide

BACKGROUND:

This ordinance is currently in the Land Development Code (LDC), Chapter 96, and it will remain (as a duplication) in both the LDC and Fire Prevention and Protection Code, Chapter 42. This duplication is to maximize exposure for what the Fire Department sees as a crucial component of land development requirements.

COST:

N/A

SOURCE OF FUNDS:

N/A

ORIGINATING DEPARTMENT:

Legal Department

STAFF RECOMMENDATION PRESENTED BY:

Becky Vose - Staff recommends approval on first reading of Ordinance No. 08-2016, creating a new Article VII, "Fire Protection System", of Chapter 42, "Fire Prevention and Protection", of the Code of the City of Deltona, at first reading and to schedule second and final reading for April 4, 2016."

POTENTIAL MOTION:

"I move to adopt on first reading Ordinance No. 08-2016, creating a new Article VII, "Fire Protection System", of Chapter 42, "Fire Prevention and Protection", of the Code of the City of Deltona, at first reading and to schedule second and final reading for April 4, 2016."

ORDINANCE NO. 08-2016

AN ORDINANCE OF THE CITY OF DELTONA, FLORIDA, CREATING A NEW ARTICLE VII, "FIRE PROTECTION SYSTEM", OF CHAPTER 42, "FIRE PREVENTION AND PROTECTION", OF THE CODE OF THE CITY OF DELTONA; PERTAINING TO FIRE PROTECTION SYSTEMS; PROVIDING FOR CONFLICTS, SEVERABILITY, CODIFICATION AND AN EFFECTIVE DATE.

BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF DELTONA, FLORIDA, AS FOLLOWS:

SECTION 1. A new Article VII, "Fire Prevention and Protection", of Chapter 42, "Fire Prevention and Protection", of the City Code of the City of Deltona is hereby created to read as follows:

ARTICLE VII. – FIRE PROTECTION SYSTEM

Sec. 42-219 – Sec. 42-229. Reserved.

Sec. 42-230. Fire protection system requirements.

(a) The fire protection system of a proposed development shall be based upon the following requirements:

- (1) *Water supply.* The fire protection water supply for the proposed development shall meet the following fire flow requirements:**
 - a. In the case of a single-family or duplex residential development of less than ten dwelling units with lot sizes of less than one acre, or in the case of a single-family or duplex residential development of ten or more dwelling units, but less than 200 dwelling units with lot sizes of one acre or more, fire wells may be utilized.**
 - b. In the case of a single-family or duplex residential development with lot sizes of one acre or more totaling 200 or more units, a central water system shall be utilized for fire protection water supply which meets the water flow requirements of table 42-1.**
 - c. In the case of a single-family or duplex residential development with lot sizes of less than one acre, the fire protection water supply shall be provided by a central potable or nonpotable water supply or a combination of central water supply, auxiliary supply of fire wells which will produce the water flows contained in table 42-1. In no case shall the central water supply for fire protection be less than 50 percent of the minimum required by table I. Auxiliary water supply may be provided by a combination of tank trucks, ground tanks, cisterns, elevated storage, drafting stations on canals or reservoirs, or other methods subject to approval by the department of fire services.**

- d. In the case of a multifamily residential development; a business or industrial development; or a place of assembly; the fire protection water supply shall be as defined in the most current edition of National Fire Protection Association (NFPA) 1142 Standard on Water Supplies for Suburban and Rural Fire Fighting. In all cases the minimum fire flows shall not be less than required for dwellings in table 42-1.
- e. A single water supply system may be used for both potable and fire protection supply provided the requirements of table 42-1 and/or National Fire Protection Association (NFPA) 1142 are maintained, as applicable.
- f. The minimum time duration for required fire flows shall be in accordance with table 42-2.

Table 42-1 Fire Flows for Groups of Dwellings

<u>Exposure Distances (feet)</u>	<u>Required Fire Flow* (gallons per minute)</u>
<u>Over 100</u>	<u>500</u>
<u>31 to 100</u>	<u>750--1,000</u>
<u>11 to 30</u>	<u>1,000--1,500</u>
<u>10 or less</u>	<u>1,500--2,000†</u>

*Add 500 GPM where wood shingles would contribute to fire spread.

†Use 2,500 GPM minimum if buildings are continuous.

Table 42-2 Minimum Time Duration for Required Fire Flows

<u>Minimum Flow at Source of Supply (GPM)</u>	<u>Minimum Duration (hours)</u>
<u>1,000 or less</u>	<u>2</u>
<u>1,250</u>	<u>2</u>
<u>1,500</u>	<u>2</u>
<u>1,750</u>	<u>2</u>
<u>2,000</u>	<u>2</u>
<u>2,250</u>	<u>2</u>
<u>2,500</u>	<u>2</u>
<u>3,000</u>	<u>3</u>
<u>3,500</u>	<u>3</u>
<u>4,000</u>	<u>4</u>
<u>4,500</u>	<u>4</u>

<u>5,000</u>	<u>5</u>
<u>5,500</u>	<u>5</u>
<u>6,000</u>	<u>6</u>
<u>7,000</u>	<u>7</u>
<u>8,000</u>	<u>8</u>
<u>9,000</u>	<u>9</u>
<u>10,000</u>	<u>10</u>
<u>11,000</u>	<u>10</u>
<u>13,000</u>	<u>10</u>

The calculations of required fire flows in gallons per minute (GPM) considers the construction, occupancy, exposure and communication as outlined in the NFPA Fire Protection Handbook (latest edition).

(2) Fire hydrants. Fire hydrants shall be installed according to the following requirements, with distances measured along street rights-of-way or private access roads. No distance shall be measured across thoroughfares.

a. In the case of a single-family or duplex residential development; one- or two-story motels, hotels, or multifamily dwellings; or mobile home parks, hydrants shall be installed at intervals not to exceed 500 feet with a minimum main size of six inches.

b. In the case of a business or industrial development, excluding developments in a. above, hydrants shall be installed at intervals not to exceed 300 feet with a minimum main size of eight inches.

c. In the case of a building which will provide standpipe and/or sprinkler systems, a fire hydrant shall be installed within 150 feet of the exterior fire department connection with a minimum main size of eight inches.

d. In the case of the development of a high-hazard area including, without limitations, a large shopping center, a storage facility for flammable chemical or compressed gases or a manufacturing plant, the spacing and main sizes of hydrants shall be determined after computing the required fire flow, subject to review and approval by the department of fire services.

e. All fire hydrants shall deliver the required gallonage with a residual pressure of 20 p.s.i.

f. Uniform marking of fire hydrants. Color coding of fire hydrants is of substantial value to water and fire departments and is based on water flow available from them. Fire hydrant bonnets and nozzle caps shall be painted according to the following chart which shall be used to classify fire hydrants according to flow:

Table 42-3 Colors of Fire Hydrant Bonnets and Nozzle Caps

<u>Class</u>	<u>Flow</u>	<u>Color of Bonnets</u>
--------------	-------------	-------------------------

		<u>and Nozzle Caps</u>
<u>A</u>	<u>1,001 GPM or greater</u>	<u>Green</u>
<u>B</u>	<u>500 GPM to 1,000 GPM</u>	<u>Orange</u>
<u>C</u>	<u>Less than 500 GPM</u>	<u>Red</u>

Barrels of fire hydrants shall be painted chrome yellow.

(3) Fire wells.

a. Fire wells may be utilized where permitted by subsection (1), providing they have a separate power source and meet one of the following criteria:

1. The minimum size of a designated fire well shall not be less than four inches in diameter. A pump shall be attached capable of providing a minimum fire flow of 250 GPM; or
2. A fire well less than four inches in diameter may be utilized provided that it has been tested and certified by an engineer that the fire well can produce a minimum fire flow of 250 GPM.

b. Fire wells shall be located adjacent to rights-of-way, unless otherwise approved by the department of fire services and the DRC.

c. Fire wells of sufficient capacity to serve adjacent development may be provided and, when so provided, may be included in a public services and facilities agreement pursuant to section 74-5(f).

d. Fire wells shall be considered as public improvements subject to all provisions of chapter 96,

article III of this Code.

SECTION 2. Conflicts. Any and all Ordinances or parts of Ordinances in conflict herewith are herewith repealed.

SECTION 3. 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 4. Codification. The provisions of this Ordinance shall be codified as and become 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 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: _____

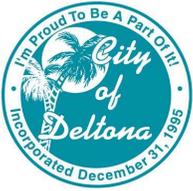
BY: _____
JOHN C. MASIARCZYK, SR., Mayor

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



Agenda Memo

AGENDA ITEM:F.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 9 - F

SUBJECT:

Public Hearing - Ordinance No. 10-2016, Amending Sections 14-281 through 14-285 of the Animal Ordinance, at second and final reading - Dale Baker, Deputy City Manager (386) 878-8852.

Strategic Goal: Public Safety, strengthen code enforcement.

LOCATION:

Citywide

BACKGROUND:

On March 16, 2015 the City Commission adopted Ordinance No. 02-2015 which authorized a one-year trial program for backyard chickens.

As part of the program the City Manager was to report the results of the trial program to the Commission. The City has received twelve (12) complaints over the past twelve (12) months about chickens. The complaints were for keeping chickens without a permit or having roosters.

We have not received any complaints on the twenty five (25) properties that have permits for keeping chickens.

Staff believes the trial program was a success and recommends keeping the program.

At the Commission Meeting held on February 15, 2016 the Commission voted 7 to 0 to approve Ordinance No. 10-2016 at first reading.

COST:

N/A

SOURCE OF FUNDS:

N/A

ORIGINATING DEPARTMENT:

Deputy City Manager

STAFF RECOMMENDATION PRESENTED BY:

Dale Baker, Deputy City Manager - Staff recommends that the City Commission adopt Ordinance No. 10-2016, as presented at second and final reading.

AGENDA ITEM:F.

POTENTIAL MOTION:

“I move to approve Ordinance No. 10-2016, to revise Chapter 14, Animals, of the City’s Code of Ordinances at second and final reading.”

ORDINANCE NO. 10-2016

AN ORDINANCE OF THE CITY OF DELTONA, FLORIDA, AMENDING ARTICLE VIII, "CHICKENS", OF CHAPTER 14 "ANIMALS", OF THE CODE OF THE CITY OF DELTONA; MAKING PERMANENT THE ALLOWANCE OF KEEPING CHICKENS WITH PERMIT; REMOVING REQUIREMENT TO REVIEW AFTER TRIAL PERIOD; AND PROVIDING FOR CONFLICTS, CODIFICATION, SEVERABILITY AND FOR AN EFFECTIVE DATE.

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

SECTION 1: Article VIII, "Chickens", of Chapter 14, "Animals", of the Code of the City of Deltona, is hereby amended to read as follows:

ARTICLE VIII. - CHICKENS

Sec. 14-281. – Chicken permit.

A chicken permit shall be required for chickens to be kept, harbored, raised, or maintained in chicken coops as laying hens for eggs as accessory to a residential single-family structure, ("residence"), but only subject to the following:

- (1) No more than five chickens may be kept on a lot, with roosters prohibited.
- (2) The residence shall be owner-occupied.
- (3) The chicken permit applicant must sign a statement acknowledging that the chicken permit may be revoked for any violation of this article, and may be revoked if this article is amended in the future, and the City of Deltona will not be held responsible or liable for any losses to the applicant if such chicken permit is revoked.
- (4) Ducks, geese, turkeys, peafowl, or any other poultry or fowl are not allowed under the provisions of this section of the code.
- (5) Chickens and associated activities shall be kept for personal use only. Selling chickens, eggs, or chicken manure, or the breeding of chickens is prohibited.
- (6) The coop and enclosure must be screened from the neighbor's view, using an opaque fence.
- (7) The coop and enclosure must be located in the rear yard, as defined by the city's Code of Ordinances. No coop or enclosure shall be allowed in any front or side yard.

- (8) The coop or enclosure must comply with standard setbacks.
- (9) The coop and enclosure shall provide a minimum of four square feet per chicken to permit free movement of the chickens. The coop and enclosure may not be taller than five and one-half feet, measured from the natural grade, must be at least six inches lower than the fence to screen them, and must be easily accessible for cleaning and maintenance. A building permit is required under the Florida Building Code if the coop exceeds 100 square feet. The coop shall not exceed a maximum of 200 square feet.
- (10) The coop and enclosure shall be covered and ventilated, and a fence enclosure/run is required. The coop and enclosure must be completely secured from predators, including all openings, ventilation holes, doors and gates (fencing or roofing is required over the enclosure in addition to the coop, in order to protect the chickens from predators).
- (11) All stored feed must be kept in a rodent and predator-proof container.
- (12) Chickens shall be kept within a coop and enclosure from dusk until dawn. No person shall release or set any chicken free from such coop and enclosure unless under the supervision of a person, and no person shall slaughter a chicken.
- (13) Chicken coops and enclosures shall be maintained in a clean and sanitary condition at all times. Chickens shall not be permitted to create a nuisance consisting of odor, noise or pests, or contribute to any other nuisance condition.

Sec. 14-282. - Procedures for the granting of chicken permits.

The building and enforcement services director, under the direction of the city manager, is authorized and directed to administer the chicken permit process as follows:

- (1) A chicken permit will be issued once an applicant has completed an application, met all conditions, and staff concurs with the issuance of a chicken permit.
- (2) There will be a \$25.00 fee for the chicken permit and initial inspection.
- (3) Once a chicken permit has been issued for a chicken that is maintained under this section, the location will be subject to an annual inspection to ensure that the area is being maintained in a manner that is safe and sanitary for the animal and does not burden the neighbors of the residence.
- (4) If any condition of the chicken permit has been violated, the city may revoke the chicken permit immediately if the violation has not been remedied after seven days' notice, or if it is a repeat violation. The city is responsible for the determination of compliance with the requirements of this article. In matters of interpretation, the building and enforcement services director has the authority to determine compliance with the Code of Ordinances.

(5) A person aggrieved by a decision of the building and enforcement services director in the issuance, denial or revocation of a chicken permit may appeal to the city manager. A person aggrieved by a decision of the city manager may appeal to the city commission.

(6) Persons granted a chicken permit will be encouraged to attend an appropriate training session to learn safe chicken and egg practices.

Sec. 14-283. - Animals killing chickens.

No dog or cat that kills a chicken will, for that reason alone, be considered a dangerous or aggressive animal.

Sec. 14-284. - Not required for a zoning district.

A chicken permit is not required for the keeping of chickens in the A (agricultural) zoning district.

Sec. 14-285. - Reserved.

SECTION 2. CONFLICTS. All Ordinances or parts of Ordinances, insofar as they are inconsistent or in conflict with the provisions of this Ordinance, are hereby repealed to the extent of any conflict.

SECTION 3. CODIFICATION. The provisions of this Ordinance shall be codified as and become 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 4. SEVERABILITY. In the event that any portion or section of this Ordinance is determined to be invalid, illegal or unconstitutional by a court of competent jurisdiction, such decision shall in no manner affect the remaining portions or sections of this Ordinance on which shall remain in full force and effect.

SECTION 5. EFFECTIVE DATE. This Ordinance shall take effect immediately upon its final passage and adoption.

PASSED AND ADOPTED THIS ____ DAY OF _____, 2016.

FIRST READING: _____

ADVERTISED: _____

SECOND READING: _____

JOHN C. MASIARCZYK SR., MAYOR

ATTEST:

JOYCE RAFTERY, CITY CLERK

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

GRETCHEN R. H. VOSE, CITY ATTORNEY

ORDINANCE NO. 02 – 2015

AN ORDINANCE OF THE CITY OF DELTONA, FLORIDA, AMENDING CHAPTER 14, "ANIMALS," BY ADDING ARTICLE VII "CHICKENS" PROVIDING FOR A ONE YEAR TRIAL PERIOD FOR THE ISSUANCE OF A LIMITED NUMBER OF SPECIAL PERMITS WHICH ALLOW THE KEEPING OF CHICKENS IN LIMITED NUMBERS AND UNDER SPECIFIC CONDITIONS, PROVIDING FOR CONFLICTS, CODIFICATION, SEVERABILITY AND FOR AN EFFECTIVE DATE.

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

SECTION 1. Chapter 14, "Animals" of the Code of Ordinances of the City of Deltona is hereby amended by adding Article VII, "Chickens" to read as follows:

Article VII. Chickens

Sec. 14-280. A one-year trial period for the keeping of chickens shall be instituted. No more than twenty-five (25) trial period special permits may be granted for chickens to be kept, harbored, raised, or maintained in Chicken coops as laying hens for eggs as accessory to a residential single-family structure, ("Residence"), but only subject to the following:

(a) No more than five (5) chickens may be kept on a lot, with roosters prohibited.

(b) The Residence shall be owner-occupied.

(c) The special permit applicant must sign a statement acknowledging that the special permit may be revoked at the end of the one year trial period if the program is not continued in the city, or for any violation of this ordinance, and may be revoked if this ordinance is amended in the future, and the City of Deltona will not be held responsible or liable for any losses to the applicant if such special permit is revoked.

(d) Ducks, geese, turkeys, peafowl, or any other poultry or fowl are not allowed under the provisions of this section of the code.

(e) Chickens and associated activities shall be kept for personal use only. Selling chickens, eggs, or chicken manure, or the breeding of chickens is prohibited.

(f) The coop and enclosure must be screened from the neighbor's view, using

an opaque fence.

(g) The coop and enclosure must be located in the rear yard, as defined by the City's Code of Ordinances. No coop or enclosure shall be allowed in any front or side yard.

(h) The coop or enclosure must comply with standard setbacks.

(i) The coop and enclosure shall provide a minimum of four (4) square feet per chicken to permit free movement of the chickens. The coop and enclosure may not be taller than five and one-half (5 1/2) feet, measured from the natural grade, must be at least six (6) inches lower than the fence to screen them, and must be easily accessible for cleaning and maintenance. A building permit is required under the Florida Building Code if the coop exceeds 100 square feet. The coop shall not exceed a maximum of 200 square feet.

(j) The coop and enclosure shall be covered and ventilated, and a fence enclosure/run is required. The coop and enclosure must be completely secured from predators, including all openings, ventilation holes, doors and gates (fencing or roofing is required over the enclosure in addition to the coop, in order to protect the chickens from predators).

(k) All stored feed must be kept in a rodent and predator-proof container.

(l) Chickens shall be kept within a coop and enclosure from dusk until dawn. No person shall release or set any chicken free from such coop and enclosure unless under the supervision of a person, and no person shall slaughter a chicken.

(m) Chicken coops and enclosures shall be maintained in a clean and sanitary condition at all times. Chickens shall not be permitted to create a nuisance consisting of odor, noise or pests, or contribute to any other nuisance condition.

Sec. 14-281. *Procedures for the granting of special permits for keeping chickens.* The Building and Enforcement Services Director, under the direction of the City Manager, is authorized and directed to administer the special permit process for the keeping of chickens as follows:

- (1) A special permit will be issued once an applicant has completed an application, met all conditions, and staff concurs with the issuance of a special permit.
- (2) There will be a \$25.00 fee for the special permit and initial inspection.
- (3) Once a special permit has been issued for a chicken that is maintained under this section, the location will be subject to an annual inspection to ensure that the area is being maintained in a manner that is safe and sanitary for the animal and does not burden the neighbors of the Residence.
- (4) If any condition of the special permit has been violated, the city may revoke

- the special permit immediately if the violation has not been remedied after seven (7) days' notice, or if it is a repeat violation. The city is responsible for the determination of compliance with the requirements of this article. In matters of interpretation, the Building and Enforcement Services Director has the authority to determine compliance with the Code of Ordinances.
- (5) A person aggrieved by a decision of the Building and Enforcement Services Director in the issuance, denial or revocation of a special permit may appeal to the City Manager. A person aggrieved by a decision of the City Manager may appeal to the City Commission.
 - (6) Persons granted a special permit will be encouraged to attend an appropriate training session to learn safe chicken and egg practices.

Sec. 14-282. *Animals killing chickens.* No dog or cat that kills a chicken will, for that reason alone, be considered a dangerous or aggressive animal.

Sec. 14-283. *Not required for A zoning district.* A special permit is not required for the keeping of chickens in the A (agricultural) zoning district.

Sec. 14-284. *Review after one year trial period.* The Building and Enforcement Services Department will track complaints and compliance issues regarding the special permits during the one year trial period and make a report to the City Commission as to the results. The City Commission will review the results after the completion of the one year trial period and take action as deemed appropriate by the City Commission.

SECTION 2. CONFLICTS. All Ordinances or parts of Ordinances insofar as they are inconsistent or in conflict with the provisions of this Ordinance are hereby repealed to the extent of any conflict.

SECTION 3. CODIFICATION. The provisions of this Ordinance shall be codified as and become 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 4. SEVERABILITY. In the event that any portion or section of this Ordinance is determined to be invalid, illegal or unconstitutional by a court of competent jurisdiction, such decision shall in no manner affect the remaining portions or sections of this Ordinance which shall remain in full force and effect.

SECTION 5. EFFECTIVE DATE. This Ordinance shall take effect immediately upon its final passage and adoption.

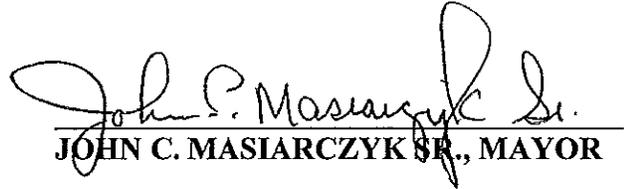
Certified

PASSED AND ADOPTED THIS 16th DAY OF March, 2015.

FIRST READING: 3.2.15

ADVERTISED: 3.5.15

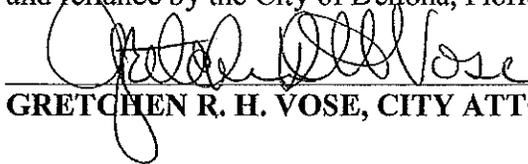
SECOND READING: 3.16.15


JOHN C. MASIARCZYK SR., MAYOR

ATTEST:


JOYCE RAFTERY, CMC, CITY CLERK

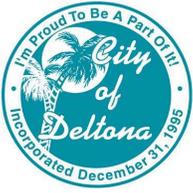
Approved as to form and legality for use
and reliance by the City of Deltona, Florida


GRETCHEN R. H. VOSE, CITY ATTORNEY

NAME	YES	NO
HERZBERG	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HONAKER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NABICHT	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SMITH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SOUKUP	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SCHLEICHER	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MASIARCZYK	<input checked="" type="checkbox"/>	<input type="checkbox"/>

STATE OF FLORIDA
COUNTY OF VOLUSIA
This is to certify that the
foregoing is a true and correct copy of
Ordinance No. 02-2015
witness my hand and official Seal this
17th day of MARCH 20 15

Joyce Raftery, CMC
City Clerk, City of Deltona, Florida



Agenda Memo

AGENDA ITEM:A.

TO: Mayor and Commission

AGENDA DATE: 3/7/2016

FROM: Jane K. Shang, City Manager

AGENDA ITEM: 11 - A

SUBJECT:

Consideration of appointments or re-appointments of three (3) members to the Planning and Zoning Advisory Board - Joyce Raftery, City Clerk (386) 878-8502.

Strategic Goal: Internal and external communication.

LOCATION:

N/A

BACKGROUND:

The terms of three (3) members of the Planning and Zoning Advisory Board will expire on March 15, 2016. John Harper, Donald Philpitt and Michael Putkowski have expressed that they wish to be re-appointed to this Board.

The City has run press releases, posted the openings on D-TV, the City's web page and bulletin boards. To date the City has received applications from the following individuals: Kimberlee Bailes, Cheryl Blancett, Derrick Boissette, Hammond Daniels, Charles Davidson, Garylyn Dover, James Diehl, Justin Starkey and Frank Whittock.

COST:

N/A

SOURCE OF FUNDS:

N/A

ORIGINATING DEPARTMENT:

City Clerk's Department

STAFF RECOMMENDATION PRESENTED BY:

Joyce Raftery, City Clerk - That the Commissioner Honaker, Commissioner Smith and Mayor Masiarczyk, select their appointments to the Planning and Zoning Advisory Board for a term to expire on March 15, 2019.

POTENTIAL MOTION:

"I move to confirm the Commission members' appointments to the Planning and Zoning Advisory Board for a term to expire on March 15, 2019."

City of Deltona, Florida
PLANNING AND ZONING BOARD

	<u>Appointed By</u>	<u>Apptd. Date</u>	<u>Term Exp.</u>
Tom Burbank CHAIRMAN 2073 Brewster St Deltona, FL 32738 (386) 789-3054 (386) 747-1944 Email: tburbank@cfl.rr.com	Commissioner Nabicht (District 6)	06-17-13 03-17-14 (Re-apptd.)	03-15-17
Adam Walosik VICE CHAIRMAN 1426 Montecito Ave Deltona, FL 32738 (407) 625-4194 Email: awalosik@att.net	Commissioner Lowry (District 5)	04-04-11 03-17-14 (Re-apptd.)	03-15-17
John Harper 1022 Feather Dr. Deltona, FL 32725 (386) 547-0121 Email: nativeson904@att.net	Commissioner Smith (District 2)	01-19-15	03-15-16
Noble Olasimbo 2768 Foxdale Dr. Deltona, FL 32738 (386) 737-6023 (352) 483-9092 Email: nolasimbo@bellsouth.net	Commissioner Schleicher (District 4)	04-04-11 03-17-14 (Re-apptd.)	03-15-17
Donald Philpitt 455 Saxon Blvd. Deltona, FL 32725 (386) 860-7279 Email: dapbap@att.net	Mayor Masiarczyk	02-01-16	03-15-16
Michael Putkowski 2736 Courtland Blvd. Deltona, FL 32738 (407) 641-6920 Email: mikeputkowski@gmail.com	Commissioner Honaker (District 1)	02-15-16	03-15-16
Stony Sixma 1977 Catalina Boulevard Deltona, FL 32725 (386) 848-1147 Email: Stonysixma@yahoo.com	Vice Mayor Herzberg (District 3)	07-21-14	03-15-17

Staff Liaison:
Chris Bowley, AICP
Planning & Development Services Director
2345 Providence Blvd.
Deltona, FL 32725
(386) 878-8602
(386) 878-8501 Fax
Email: cbowley@deltonafl.gov

ARTICLE XII. - PLANNING AND ZONING BOARD

Sec. 110-1200. - Creation.

A planning and zoning board is hereby created, effective April 1, 1999. It shall be referred to in this article as "the board." The jurisdiction of the board shall be throughout the area of the City of Deltona. It shall have the following membership, powers, duties, responsibilities, and limitations.

- (a) *Membership, place of residence, terms of office.* The board shall have seven members appointed by the city commission. Each member shall serve for a term of three years. Each city commissioner and the mayor shall appoint one member to the board, said appointments to be ratified by a majority vote of the city commission. The initial terms of office shall be staggered. Two members shall serve for one year, two members shall serve for two years, and the remaining members shall serve for terms of three years. The members to serve initial terms of one and two years shall be determined by drawing lots by the city commission after making the initial appointments. Thereafter, all members shall be appointed for terms of three years. No board member shall serve on the board for more than two consecutive three-year terms. No elected official and no employee of the city government shall be appointed to serve on the board.
- (b) *Removal from office, vacancies.* If a member is absent for three consecutive meetings without being excused by the chairperson, said member shall forfeit his or her office and it shall be deemed vacant. Any vacancy occurring during the un-expired term of office of any member shall be filled by the city commission for the remainder of the term. The vacancy shall be filled within 30 days from the time it occurs. Any member of the board may be removed from office for cause by the city commission, upon written charges and after public hearing.
- (c) *Officers.* The board shall elect a chairperson, vice-chairperson and secretary from among its members. The terms of all board officers shall be one year, each having eligibility for re-election. At the first meeting of the board of each calendar year, the secretary shall call the board meeting to order and shall then call for nominations for the chairperson. Upon election of a chairperson, the secretary shall pass the gavel to the chair. The chairperson shall then call for nominations for vice-chairperson. Upon election of a vice-chairperson, the chair shall call for nominations for secretary. The director of development services shall perform the secretary's duties in opening the meeting and calling for nominations for chairperson at the first meeting of the board following its establishment by the city commission.
- (d) *Employees, administrative services.* The board shall have no employees or contract vendors. The planning and development services department shall provide clerical and staff support by formatting and packaging board agendas, creating summary minutes of meetings, and maintaining board records. The planning and development services department shall also provide professional and technical assistance to the board consistent with its staffing and funding as approved by the city commission. The director of development services or his or her designee shall bring board reports and recommendations to the city commission in appropriate communications, the format and medium of which shall be determined by the city manager. Such communications shall include staff reports and recommendations, application materials, correspondence, and other relevant information as determined by the board, the director of development services, the city manager, or the city commission to be necessary to assist the city commission in its deliberations. The board shall not direct the staff to undertake any project, but may request reasonable staff assistance, and may report through the staff and city manager to

the city commission any projects which the board deems worthwhile for commission consideration by a majority vote of the board's entire membership.

- (e) *Compensation, annual budget.* Each board member may be reimbursed for reasonable expenses incurred in connection with his or her duties on the board in accordance with reimbursement policies and amounts established by a resolution of the city commission. The city commission shall provide members of the board with professional liability insurance to cover potential claims of personal liability for damages as a result of their formal actions and decisions as members of the board. The city manager shall recommend the amounts of insurance coverage and potential insurance carriers to the city commission. The city commission shall provide an annual budget for training and education of board members; for printing of training materials and decision support materials; and for the purchase of books and publications that increase the board members' understanding of the board's functions and of the issues faced by the board. The amount budgeted for each purpose shall be determined by the city commission upon the receipt of the recommendations of the city manager. The city commission may also budget for public information and participation, and for other items that it deems appropriate to include in the board's budget.

(Ord. No. 03-99, § 1, 2-1-1999; Ord. No. 19-2011, § 1(Exh. A), 11-7-2011)

Sec. 110-1201. - Rules of procedure.

The board shall meet at regular intervals once each month, and at such other times as it may deem necessary, for the transaction of its business. It shall follow the by-laws adopted by resolution of the city commission. Unless otherwise stated in the by-laws, and until such by-laws are adopted by the city commission, the board shall conduct its affairs in accordance with Robert's Rules of Order. Points of order shall not be raised in board meetings by members of the audience. The sheriff's office or, upon its creation, the city's police department shall provide a sergeant-at-arms to maintain order at board meetings upon the request of either the chairperson, or the director of development services. The board shall keep a properly indexed public record of its resolutions, transactions, findings and recommendations. The board may by resolution limit the number of applications of all types or of any type which it shall hear each month. A quorum shall be four members. No recommendations for approval of any application shall be made unless four members concur.

(Ord. No. 19-2011, § 1(Exh. A), 11-7-2011)

Sec. 110-1202. - Powers and duties.

- (a) *Designation as local planning agency.* The Board is hereby designated as the city's local planning agency (LPA), as required by the Local Government Comprehensive Planning and Land Development Regulation Act, Section 163.3161 et seq., and F.S. § 163.3174. The Board shall have the general responsibility for adherence to the comprehensive planning program. The Board and the comprehensive planning program shall comply with all requirements of the Local Government Comprehensive Planning and Land Development Regulation Act and the Board shall monitor and oversee the effectiveness and status of the comprehensive plan, and recommend to the city commission such changes in the comprehensive plan, as may from time to time. The Board shall perform any other duties assigned by the city commission, and may prepare and recommend to the city commission any other proposals to implement the comprehensive plan.
- (b) *Designation as land development regulations commission.* The Board is hereby designated as the city's land development regulations commission in accordance with the provisions of the Local

Government Comprehensive Planning and Land Development Regulations Act, Section 163.3161, et seq., and F.S. § 163.3194. The Board shall develop and recommend to the city commission land development regulations that implement the comprehensive plan and review land development regulations or amendments thereto for consistency with the adopted comprehensive plan.

- (c) *Applications and proposals requiring public hearings.* The planning and zoning board shall review all applications and proposals to be transmitted to the city commission for a vote on the following items:
- (1) Plan amendments, including future land use map amendments;
 - (2) Zoning map changes;
 - (3) Changes to the Land Development Code or a proposed new Land Development Code, including subdivision regulations;
 - (4) Planned unit developments;
 - (5) Conditional uses;
 - (6) Zoning variances;
 - (7) Amendments to the approved capital improvements program or budget;
 - (8) The establishment of, or changes to established, community development districts;
 - (9) Changes to proposed architectural design standards;
 - (10) Proposed development agreements created pursuant to the "Florida Local Government Development Agreement Act";
 - (11) Proposed developments of regional impact (DRI); and
 - (12) Proposed final plat subdivisions containing more than 200 lots.

When reviewing applications and proposals requiring public hearings, the Board shall consider the following criteria, as applicable, per application and proposal:

- (1) Consistency with the city's comprehensive plan;
 - (2) Consistency with adopted ordinances, relevant laws, and zoning regulations;
 - (3) Land use compatibility, neighborhood character, community safety, land uses for function and aesthetics, and the physical ability to construct or alter a site;
 - (4) Impacts of the development on the natural environment including flora, fauna, and other natural resources;
 - (5) Public facilities and services (i.e. water, sanitary sewer, parks, schools, fire, police, etc.); and
 - (6) Transportation systems.
- (d) *Advisory recommendations to the city commission.* The Board shall make a recommendation to the city commission by formal written approved motion of the Board as to the conclusion of the Board's review that an application or proposal should be considered by the city commission for approval, approval with specific conditions recommended by the Board, or denial. The Board's recommendation shall be transmitted to the city commission with all related information through the established city commission agenda process.
- (e) *Applications and proposals exempt from Board review.* Planning and zoning board review shall not be required for amendments to city ordinances that are initiated by the staff or the city commission to correct grammar and spelling errors, change fees as set by the city commission, change the organization of the ordinances with no content changes, or change processing procedures when mandated by State Statutes.

(Ord. No. 19-2011, § 1(Exh. A), 11-7-2011; Ord. No. 18-2013, § 1(Exh. A), 2-3-2014)

Sec. 110-1203. - Board review procedures.

- (a) *Deadline for submission of applications.* Complete applications requiring planning and zoning board review must be submitted to the planning and development services department at least 20 working days prior to the board meeting at which the applications are to be heard. Complete applications submitted after this deadline shall be processed for consideration at the following board meeting. An application shall be considered complete if it meets all of the submission requirements established by the applicable ordinance, fees are paid, a fully executed city application form is included, and sufficient information is included in the application to enable the staff and the board to evaluate the application.
- (b) *Application forms and processing procedures.* Applications shall be submitted on forms and processed in accordance with written administrative procedures created and published by the planning and development services department. All required attachments shall be included with each application, including, but not limited to, proof of ownership or permission of the owner to make the application, location maps, surveys, and site plans, as required. No application will be deemed complete until the required fees have been paid, including the estimated costs of the services of consultants to the city, if any such consultants are needed.
- (c) *Expiration of planning and zoning board recommendations.* Applicants may postpone city commission review of any application up to a maximum of one year following action by the planning and zoning board. Any applications not heard by the city commission within that period shall require re-submittal of the proposal, including the payment of all applicable fees and processing requirements as required for a new proposal. The review of a re-submitted proposal shall not be shortened in time, or otherwise abridged, in order that the staff and the board shall have adequate opportunity to determine whether or not there are any changes in the proposal or any changed conditions that may alter the review results.

(Ord. No. 19-2011, § 1(Exh. A), 11-7-2011)

Received: December 28, 2015

Request From: John Harper
Email: nativeson904@att.net
Source IP: 76.4.127.9

Address: 1022 Feather Dr.
City: Deltona
State: FL
Zip: 32725
Phone: 386 547 0121
Alt Phone:
Fax:
Organization:

Checkbox Choices

Planning & Zoning Board,

Number of Years as a Deltona Resident

2 - 5 Years

What Commission district do you reside in?

District 5

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

Retired from County of Volusia 123 West Indiana Ave. DeLand FL. last position held Sr. Project Manager Engineering Division

Please summarize your work experience.

Managed planning, design and construction of capital projects. Assignments included roads, bridges, parks, trails, fire stations, operations centers, basically all projects built by the County. Other duties included, serving on the EOC staff augmentation team, Staff liaison to Beach Policy Advisory Board, and grant writer

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Former: Board of Directors Florida Greenways and Trails Foundation,
Bike Florida Logistics Coordinator

Received: December 28, 2015

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

City of Port Orange Planning Board, 5 years, two as vice-chair

Historic Preservation Board Chairman 3 years

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

Having worked both in Government and the private sector I feel I have an understanding of how they must work as partners.

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

My engineering, planning, and development background lends itself to serving on the Board. I would like to use my skills to help Deltona become best place in Florida to live

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

none

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

no

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Pat Northey, former County Council Member 1459 N.US 1 Ormond Beach 386-717-0505

Tim Baylie, Parks Director Volusia County 136 N. Florida Av. DeLand FL 386-5967

Scott Martin P.E. Engineering Manager, 123 W. Indiana Av. DeLand FL 386-5967

Additional Information or Comments

Received: January 1, 2016

Request From: Donald Philpitt

Email: dapbap@att.net

Source IP: 108.236.241.195

Address: 455 Saxon Blvd

City: Deltona

State: Florida

Zip: 32725

Phone: 3868607279

Alt Phone:

Fax:

Organization: --

Checkbox Choices

Economic Development Advisory Board, Planning & Zoning Board,

Number of Years as a Deltona Resident

11 - 15 Years

What Commission district do you reside in?

District 6

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

Retired

Please summarize your work experience.

Colonel, USAF; retired after 30 years active duty. Small business DOD contractor from 2000 to 2003. Retired Army Civil Service, NH IV (Program Management) in acquisition from 2003 to 2013.

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Volunteer at Pine Ridge High School for 15 years; support the 'College Room' working with seniors on college selection, college program selection and funding for college.

Received: January 1, 2016

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

Deltona rep Volusia Growth Management Commission; City of Deltona Code Enforcement; William S. Harvey Scholarship Committee; City of Deltona CERT member; Adopt a Road, City of Deltona. Air Force Academy nomination committee for Congressman Mica.

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

I have lived in many communities over the years and observed how they handled issues facing them. As a base commander, faced many of the same problems civilian communities face.

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

I read in the paper where the City is seeking volunteers to fill the remainder of terms on several committees. Now that I have retired, I have the time to further serve my City. I have demonstrated my commitment to the City of Deltona over the years.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

No

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

No

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Greg & Linda Butler, 460 Saxon Blvd, Deltona, 407-865-3652; Cheryl Spears, 1084 Eagle's Watch Trail, Winter Springs, 407-230-9093; Jean Burmester, 2065 Wembly Place, Oviedo, 407-880-9014

Additional Information or Comments

Newspaper indicated Planning & Zoning would expire Mar 15, 2016 and Economic Dev would expire May 31, 2017.

Received: December 30, 2015

Request From: Michael W. Putkowski

Email: mikeputkowski@gmail.com

Source IP: 209.26.84.244

Address: 2736 Courtland Blvd

City: Deltona

State: Florida

Zip: 32738

Phone: (407)641-6920

Alt Phone:

Fax:

Organization:

Checkbox Choices

Planning & Zoning Board,

Number of Years as a Deltona Resident

6 - 10 Years

What Commission district do you reside in?

District 1

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

Employer: The City of Winter Park. Employed for 17 years.

Address 1401 Howell Branch Rd #12 Winter Park Florida 32789 (407)599-3537

Job Title: Foreman for Public Works in the Streets Division.

Please summarize your work experience.

In my current job I'm responsible for planing and meeting deadlines. Leadership skills are also used everyday so those obligations can be made. Before my current job I worked in the construction field building roads.

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Currently I'm the Kitchen Manager for the Community Life Center located at 1045 E. Normandy Blvd Deltona Florida 32725 Phone: (407)324-1614.

Received: December 30, 2015

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

Yes,

(1)I serve on the City of Winter Park's Public Works Employee Sub-Committee where I'm also the current Chairman.(2)The City of Winter Parks's Employee Committee where I'm a current member and the former Chairman.

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

Over the last 4 years I've become a very involved resident of Deltona. I've spoken at many commission meetings and workshops to advocate for myself and others. I also bring my civil service experience with me.

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

Deltona is a great place to live. There is plenty of ways to make our city even better and I would like to be a part of that process. The last 17 years I'm served the public in other ways now I would like the opportunity to serve in a new and different way.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

No

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

No

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Larry Sylvester (321)303-5224

Heather Scofield (386)320-2672

Greg Oas (321)303-5222

Additional Information or Comments

Received: January 7, 2016

Request From: Kimberlee Bailes
Email: kimberleebailes@yahoo.com
Source IP: 99.40.165.15

Address: 1022 Norwood Drive
City: Deltona
State: FL
Zip: 32725
Phone: 3862599132
Alt Phone: 3865764297
Fax:
Organization:

Checkbox Choices

Affordable Housing Advisory Committee, Planning & Zoning Board, Parks & Recreation
Citizen Accessibility Advisory Sub-Committee,

Number of Years as a Deltona Resident

21 - 25 Years

What Commission district do you reside in?

District 1

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

I am disabled due to having MS> However I am still very sharp and I really want to be of assistance to Deltona. I believe in the city.

Please summarize your work experience.

I have not worked since 2012, however from 2011 - 2013 I produced and owned a company her in Deltona that was a Elvis tribute show. It was great success and I am glad I had a part of the Elvis world. It was amazing. I have lots of clerical skills and I am a good listerner to problems, before I hope to find the correct answer.

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Elvis Presley Continentals Fan Club, on many committees do Charity work in Elvis name.

Received: January 7, 2016

Moose Lodge in Deltona, just getting involved.

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

NO

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

As stated above, I have clerical skills, and listening skills. I believe you have to listen to all the problems before solving it.

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

I also am a Paralegal, I know the law and I trust the law. I would want to solve the problem and listen to all the problems before giving my answer.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

NO

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

2001 Forery, and Grand Theft. I paid back all my restitution and had my civil rights restored. I have served on a jury and I am a changed person. I cannot change the past I can only try and make the future better for Deltona. My Son and Grandson and my parents all live in Deltona, hence I want to do something to assist in making it better.

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Pearl Zullo 727-768-4897, Maxine Pepper 386 500 3818, David Bezner 727 379 7576

Additional Information or Comments

I hope that my past will not be what you base your decision on. I really want to get involved and help. I appreciate your consideration on my application. Thank you for your time.

From: "Cheryl Blancett" <cjblancett@gmail.com>
To: DeltonaFL_CommentsArchives
Subject: Citizen Board/Committee Application
Attachments: Attach0.html 5K

Request From: Cheryl Blancett
Email: cjblancett@gmail.com
Source IP: 107.145.129.74

Address: 2783 Fayson Circle
City: Deltona
State: Florida
Zip: 32738
Phone: 386-878-5658
Alt Phone:
Fax:
Organization:

Checkbox Choices

Affordable Housing Advisory Committee, Economic Development Advisory Board,
Planning & Zoning Board, Ordinance Review Committee,

Number of Years as a Deltona Resident

16 - 20 Years

What Commission district do you reside in?

District 5

Are you a registered voter in Volusia County?

No

Who is your employer? (Please include number of years, address, phone number and title/position)

After almost 17 years as an In-House Investigator (20 years total as an Investigator/Compliance Supervisor) I began a career as a Community Association Manager. I currently am employed by Pinnacle Property Management, and have been with this company for approximately 3 months. 407-977-0031 and my extension is 303.

Please summarize your work experience.

Approximately 20 years as an In-house or Private Investigator and Compliance Supervisor, 3 years as a Community Association Manager, 8 years as a Certified Personal Development and Stress Management Coach.

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Conflict Resolution Networking (Advisory Board, "See Something Say Something" Anti Bullying Committee (Creator), "One Life One Love" Alternative Lifestyle Counseling (Creator)

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

I have never held a public office, but have served on several advisory boards for Conflict Resolution, Identifying and Confronting Bullying and Family Preservation. These were distant learning, online boards.

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

I am a former Investigator and Compliance Supervisor, with 20 plus years of experience. I am a Certified Personal Development and Stress Management Coach, and a Licensed Community Association Manager. I have obtained Certifications in Conflict Resolution and have a successful Life Skills Management organization.

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

I chose the City of Deltona to raise my children, and have lived here for almost 20 years. Throughout the years I have seen the deterioration of many areas, and the mounting disinterest and concern of the residents. As a Professional Manager of many communities, I believe my care, empathy and professional experience can help to revitalize our communities and engage the residents in such a way that Deltona can thrive again.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

No

Have you ever been convicted for violation of any federal, state, county, or municipal

law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

Never

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Faye Blancett (mother-in-law) 407-902-8734 / Fred Harris (Investigator) 407-739-2800 / Sheryl Johnson (Investigator) 407-595-0021

Additional Information or Comments

I aspire to become a Representative for the State of Florida and possibly a City Commissioner for the City of Deltona.

Received: January 12, 2016

Request From: Derrick Boissette
Email: drboissette@gmail.com
Source IP: 209.16.117.50

Address: 1836 Concert Rd
City: Deltona
State: Florida
Zip: 32738
Phone: 386-848-3806
Alt Phone:
Fax:
Organization: N/A

Checkbox Choices

Planning & Zoning Board,

Number of Years as a Deltona Resident

21 - 25 Years

What Commission district do you reside in?

District 2

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

Rollins College 8months

Campus Safety Officer

1000 Holt Ave

Winter Park, FL 32789

Please summarize your work experience.

Having worked jobs in factories, retail, and hospitality, I believe that I am ready to embark on my journey in public service. I received my BA in Political Science and seek employment and experience within a government (non-elected) office.

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Received: January 12, 2016

Key Club of Pine Ridge High School: treasurer

Lambda Chi Alpha Fraternity: President; vice president; philanthropy director

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

I have never held a position nor served on a committee that was in service to a government office.

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

I have participated in a joint project with Rollins College and the City of Winter Park in which we worked with the Commerce division to market fair trade goods. The lessons learned from this project range from marketing applications, generating community surveys, interacting with community partners, and how to generate interest in particular brand or item.

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

I want to serve on this Board / Committee as a way to cultivate my abilities in serving my community as a builder and participant of the political process.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

None

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

No

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

John Baker: 407-948-3201

Lenny Bendo: 407-758-7532

Dilbar Usmanova: 407-936-5780

Additional Information or Comments

Received February 11, 2016

Request From: Hammond "Dan" Daniels

Email: hdaniels18@Lycos.com

Source IP: 108.189.167.216

Address: 674 Deltona Blvd

City: Deltona

State: FL

Zip: 32725

Phone: 386 574-4777

Alt Phone: 865 776 5790

Fax: 386 860 3662

Organization: Daniels Associates

Checkbox Choices

Affordable Housing Advisory Committee, Economic Development Advisory Board, Firefighter's Pension Plan Board of Trustees, Planning & Zoning Board, Ordinance Review Committee,

Number of Years as a Deltona Resident

0 - 1 Year

What Commission district do you reside in?

District 3

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

self 674 Deltona blvd Deltona, 1 year, owner

Please summarize your work experience.

27 years as a reserve Army officer, 15 years as a business owner in the financial service industry, logistics manager for Walmart, 2 years, Pharmaceutical product representative 5 years

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Rotary

Received February 11, 2016

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

No

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

Education, MBA and a BS in Urban Studies

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

I want to volunteer to do my part to continue to make Deltona a place that current residences want to continue live. A city that current businesses can continue to grow and thrive. I want to help to continue to make Deltona a choice location for new residents and businesses to relocate to. I feel that my leadership skills and ability to work with many diverse types of people will make me a value added asset to a city board.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

None

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

None

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Frank Morrison

754 Yager Lane

The Villages, FL 32163

614 288 -6229

Received February 11, 2016

Liz Streeter

4901 Vineland Road # 240

Orlando FL 32811

407-616-1713

Millicent Smith

138 Marietta Hwy

Roswell,GA 30075

770 645-9010

Additional Information or Comments

Received July 22, 2015

Request From: Charles Davidson
Email: chasdavidson46@gmail.com
Source IP: 155.70.39.45

Address: 2181 Gretna Dr.
City: Deltona
State: Florida
Zip: 32738
Phone: 407-280-7979
Alt Phone: 407-889-6454
Fax:
Organization: Resident

Checkbox Choices

Economic Development Advisory Board, Planning & Zoning Board, Ordinance Review Committee,

Number of Years as a Deltona Resident

2 - 5 Years

What Commission district do you reside in?

District 6

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

CenturyLink, 555 Lake Border Dr., Apopka Fl 32703 407-889-6454

Facility Manager, 15 years

Please summarize your work experience.

I manage 240 buildings ranging in size from the Regional Headquarters 260,000 square feet to a Central Office of 300 square feet. I manage the day to day maintenance activities for all 240 buildings including janitorial services, HVAC, emergency power, roofs, building structure, electrical, plumbing, fire life safety, and security. I manage a staff of 6 with an annual operating budget of \$2.5 million. Part of my responsibility is working with local government entities to ensure compliance with city, county, state and federal ordinances and laws.

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Orange City Chamber of Commerce (now defunct), Chairman and Vice Chairman

Received July 22, 2015

International Facility Managers Association (IFMA), Board of Directors Advisory Member.

Building Owners and Managers Institute (BOMI), member and Facility Manager Certification

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

IFMA, Board of Directors Advisory Member.

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

College Degree, BA in Business Management

Facility Manager Certification (FMA), BOMI

Numerous leadership and educational courses.

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

I would bring over 30 years of successful business and management experience to the committee.

I have experience working with local government entities as it relates to covenants and ordinances.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

No

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

No

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Kent Brower, 555 Lake Border Dr, Apopka, Fl 32703 407-889-6974

Scott Arnold, 425 N. 3rd St., Leesburg Fl 352-3526-1444

Peter Tran, 555 Lake Border Dr., Apopka, Fl 32703 407-889-6638

Additional Information or Comments

Received: December 7, 2015

Request From: James E. Diehl
Email: lawyerdiehl@aol.com
Source IP: 99.40.164.179

Address: 3125 Clewiston Street
City: Deltona
State: Florida
Zip: 32738
Phone: 207-385-3055
Alt Phone:
Fax:
Organization:

Checkbox Choices

Planning & Zoning Board, William S. Harvey Scholarship Selection Committee , Ordinance Review Committee,

Number of Years as a Deltona Resident

0 - 1 Year

What Commission district do you reside in?

District 5

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

Retired in 2010 from State of Maine, Prosecutorial District Five, Office of the District Attorney, 97 Hammond Street, Bangor, Maine, after 25 years as appointed Assistant District Attorney. (Office Manager Kristine Higgins: 207-947-8552)

Please summarize your work experience.

31 years total State of Maine service as Park Ranger (1973-76), Certified municipal police officer (1976-82), and Assistant District Attorney 1986-2010).

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Boy Scouts (Advancement Chair, Eagle Review Board)

Received: December 7, 2015

American Bar Ass'n, Maine Bar Ass'n, Picataquis and Penobscot Bar Ass'n.

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

Juris Doctorate, University of New Hampshire 1985

Licensed Maine Attorney, in good standing

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

I am retired after a lifetime of public service. What better way to give back to my adopted community then volunteering. I spent six years as a municipal police officer enforcing ordinances and then 25 years drafting and prosecuting violations of law. Such experience may give a unique perspective for this committee.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

No conflicts. Retired in 2010 from State of Maine. After traveling the country in an RV, lived in Pompano Beach, then Crestview, before buying our home and settling in Deltona.

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

No.

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Will be provided on request upon serious consideration.

Additional Information or Comments

Criminal Justice and public safety have been the focus of my professional life. I am retired and would volunteer for any service where the community will benefit from my expertise.

Received February 11, 2016

Request From: Garylyn O. Dover
Email: gd1606@cfl.rr.com
Source IP: 71.43.249.154

Address: 1606 Fentress Ave
City: Deltona
State: FL
Zip: 32738
Phone: 386-532-0997
Alt Phone: 386-527-6886
Fax:
Organization:

Checkbox Choices

Planning & Zoning Board,

Number of Years as a Deltona Resident

21 - 25 Years

What Commission district do you reside in?

District 6

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

Carter Electric Co Inc. 231 Jean St, Daytona Beach Florida 32114 15 years

Please summarize your work experience.

I am a Estimator and Project Manager for an electrical contractor. I oversee construction of commercial projects and healthcare projects. Review design drawings, establish construction budgets and material control for projects.

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

Received February 11, 2016

City of Deltona Parks and Recreation Board, member and Chairman.

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

I have worked on both the construction and engineering side of commercial, medical and institutional construction.

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

We should volunteer our time to help the city when we can. With my experience in construction and management I feel qualified to serve and review plans for this board and the city.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

None

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

NO

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Tim Haynes

273 Fisher Drive

Deltona, FL 32725

386-574-5394

Rino LeBel

32 Weber Lane

Palm Coast, Florida 32164

Received February 11, 2016

386-445-8154

Bob Bragg

630 Trena Ann Lane

Orange City, Florida 32763

386-837-7220

Additional Information or Comments

Received: January 11, 2016

Request From: Justin Starkey
Email: justinstarkey@gmail.com
Source IP: 50.88.3.198

Address: 3525 robert goddard ave
City: deltona
State: Florida
Zip: 32738
Phone: 4076872441
Alt Phone: 4076872441
Fax:
Organization:

Checkbox Choices

Planning & Zoning Board,

Number of Years as a Deltona Resident

6 - 10 Years

What Commission district do you reside in?

District 6

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

Self employed, VMP Tuning Inc, 10 years, same.

Please summarize your work experience.

I grew up in Debary, Florida and attended several area schools, graduating from Deltona High School in 2001. I spent some time at Daytona State College including the Deltona Campus. In the early 2000s online sales and the internet were beginning to boom, I would work at local restaurants after school and sell on ebay at night. This taught me the fundamentals of customer service and I learned the basics of business and e-commerce. Things such as supply and demand, advertising, and gaining a market advantage. I went from selling computer parts to high performance Mustang racing parts. Around that time I met my wife, Rebecca Starkey, at the local race track. I am a self-employed entrepreneur that likes to go fast. My wife and I now have 4 children with one on the way, she will go back to racing the NMRA circuit in mid-

Received: January 11, 2016

March. Running my business, the Rebecca Starkey Racing team, and taking care of 4 children has taught me how to do a lot at once simply put, but also care fully weigh the full effect of different decisions. Being considerate of everyone involved would be paramount in any recommendations this board makes.

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

NMRA, National Mustang Racing Association, active member, ambassador to the sport, racer, participant. Signature award recipient 12/2015.

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

No.

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

Young and tempered by children, marriage, and responsibility.

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

Like anything, you get out of it what you put it into. I believe Deltona could benefit from more involvement by the residents. I believe I could bring a fresh perspective to this board based on my age and life experience thus far. Development is Deltona's future, jobs and property values will be affected by the decisions that city government makes.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

No.

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

No.

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Received: January 11, 2016

Bud Burk, 1316 NADINE DR DELTONA 32738, 386-804-7652

Louise Smith, 1137 DELTONA BLVD DELTONA 32725, 407-808-1889

Luis GUERRERO, 3535 ROBERT GODDARD AV DELTONA 32738, 954-790-1626

Additional Information or Comments

How is the applicant review and decision process handled?

Received January 15, 2016

Request From: frank whittock
Email: fwhittock@cfl.rr.com
Source IP: 107.145.176.52

Address: 2911 mcclellan st.
City: deltona
State: Florida
Zip: 32738
Phone: 3213633389
Alt Phone: 7176833496
Fax: 3213633389
Organization:

Checkbox Choices

Planning & Zoning Board,

Number of Years as a Deltona Resident

6 - 10 Years

What Commission district do you reside in?

District 6

Are you a registered voter in Volusia County?

Yes

Who is your employer? (Please include number of years, address, phone number and title/position)

Retired

Please summarize your work experience.

51 years ,founder of Frank Whittock & Associates,Architectural Scale Models

Company still active,sold to employees.

List any volunteer service organizations, clubs, or professional societies you are a member of and give the positions or titles you have held.

Past president of Mid Atlantic shrine motor corps

Past directer phila Royal Order of Jesters (masonic)

Received January 15, 2016

Have you ever served on a committee or advisory board? If so, give the details, including any positions held. Have you ever held public office? If so, give the details, including offices involved, whether elected or appointed, and the length of service.

No

Describe any additional knowledge, skill, education, or experience you have, which would assist you in the duties of this Board/Committee.

Having worked with various planners,land planners.architects,as well as zoning bds. for 50+years.

Iam knowledgeable in design,land planning,site grading.

Explain why you want to serve on this Board/Committee, and include any potential contribution you selection would bring.

I feel designed land development and zoning can aid in Deltona's future

I feel design planning and zoning can only aid in Deltona's future growth.

Potential conflict of interest: Do you do business, or are you engaged in the management of any business enterprise that has a financial interest with the City of Deltona? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.

No

Have you ever been convicted for violation of any federal, state, county, or municipal law, regulation, or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

No

List names, addresses, and telephone numbers of at least three persons who are in a position to comment on your qualifications and of whom inquiry may be made by the City of Deltona.

Zbigniew Raguza (president of FWA) 570 dunks ferry rd. Bensalem pa, 215 638 1557

Edith Tinari 1860 s.Merrick dr. Deltona Fl. 386 574 6364

Donald Frazee 494 Glen Haven dr. Deltona FL. 386 575 0795

Additional Information or Comments

Having met the head of ,along with their personal of various city departments,I feel I can work well with them for Deltona's betterment.