

Invitation to Bid

NUMBER
ITB #16-ES-002



City of Edgewater

US Hwy #1 and SR #442 FDOT Landscape Beautification Project

Patricia Drost
Purchasing Specialist

LEGAL NOTICE

Notice is hereby given that the City of Edgewater is accepting Sealed Bids for this **ITB 16-ES-002 - US Hwy #1 and SR #442 FDOT Landscape Beautification Project**. Bids will be received until **3:00 p.m., on September 7, 2016**, by the City Clerk's Office, City Hall, 104 N. Riverside Drive, Edgewater, Florida 32132.

ITB# 16-ES-002 "US Hwy #1 and SR #442 FDOT Landscape Beautification Project"

Services to be provided shall include, but not be limited to the following:

ITB # 16-ES-002 - US Hwy #1 and SR #442 FDOT Landscape Beautification Project
in accordance with the terms, conditions, and specifications stated herein.

The City of Edgewater is seeking a qualified and licensed State of Florida Contractor to complete the US Highway #1 and State Road #442 FDOT Landscape Beautification Project.

This project area runs approximately 3 Miles along US Hwy #1 (Volco Road to Boston Rd – approximately 2 miles and 10th Street to Lamont Street approximately 1 mile) and approximately .5 mile near the intersection of I-95 and SR #442 in, Edgewater, FL.

This project is partially funded by an FDOT grant.

The work must be completed within 180 days of award of contract.

A pre-bid conference is not applicable for this solicitation.

A non-mandatory mandatory pre-bid conference will be held on **August 17, 2016**, commencing promptly at **10:00 a.m.** and will be held in the Council Chambers, 104 N. Riverside Drive, Edgewater, Florida 32132.

If this pre-bid conference is denoted as "mandatory", prospective proposers must be present in order to submit a bid response.

One (1) original and one (1) electronic copy on a flash drive (USB), of the proposal should be delivered to the City Clerk's Office, City of Edgewater, 104 North Riverside Drive, P.O. Box 100, Edgewater, Florida 32132-0100 in a sealed envelope plainly marked on the outside: **"US HWY #1 AND SR #442 FDOT Landscape Beautification Project", ITB # 16-ES-002.**

All statements shall be made upon the official bid form which may be obtained on the City's E-Procurement site: www.demandstar.com.

City of Edgewater does not discriminate based on age, race, color, sex, religion, national origin, disability or marital status.

This Public Notice has been posted on the City of Edgewater Finance website: www.cityofedgewater.org, www.demandstar.com, and also posted in the Lobby of City Hall on August 2, 2016.

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1) Introduction/Overview

A) Purpose/Objective

As requested by the City Council of the City of Edgewater, the City of Edgewater Finance Department (herein after, "City") has issued this Invitation for Bids (hereinafter, "ITB") with the sole purpose and intent of obtaining bids from interested and qualified firms offering to provide services to complete the US Hwy #1 and SR #442 Landscape Beautification Project in accordance with the specifications stated and/or attached herein/hereto. The successful proposer will hereinafter be referred to as the "Contractor".

If awarded, a contract to provide these services will be effective on the date contract is approved by the City of Edgewater, City Council (herein after, the "Council"), signed by all required parties and filed with the City Clerk.

As is more fully explained in Section "6L" of this ITB, an award, if made, will be made to the best overall proposer(s) whose bid is most advantageous to the City, taking into consideration the evaluation factors set forth in this ITB. The City will not use any other factors or criteria in the evaluation of the bids received.

B) Background

The City serves an area of 22.59 square miles with a population of approximately 21,958. The City's fiscal year begins on October 1st and ends on September 30th. The Finance Department maintains the funds and accounts of the City. The Finance Department is responsible for the custody and accounting of funds of each department.

More detailed information on the government and its finances can be found in City of Edgewater's Comprehensive Annual Financial Report for fiscal year 2014-2015 and in the City's Annual Budget for fiscal year 2015-2016. Copies of these documents may be viewed on www.cityofedgewater.org. The City of Edgewater is exempt from any and all state, local and federal taxes.

C) Inquiries

Direct questions related to this ITB to Pat Drosten, Purchasing Specialist, and submit such questions in writing to pdrosten@cityofedgewater.org. Please include the page and paragraph number for each question in order to ensure that questions asked are responded to correctly.

Proposers must clearly understand that the only official answer or position of the City will be the one stated in writing to pdrosten@cityofedgewater.org. All questions asked, along with the answers rendered will be electronically distributed to firms registered for this solicitation and additionally posted on this site.

D) Method of Source Selection

The City is using the Competitive Sealed Proposals methodology of source selection for this procurement, as authorized by Resolution 2015-R-27 establishing and adopting the City Purchasing Policy. Each proposal will be reviewed to determine if the proposal is responsive

to the **ITB**. Proposals deemed to be non-responsive may be rejected without being evaluated by the Evaluation Committee appointed by the city manager, which shall be comprised of a minimum of three (3) City employees. The committee will make a recommendation to the City Council who will make the final selection(s). **ITB's that are solely priced based will be reviewed by the Purchasing Specialist and Project Manager and will not be subject to the Evaluation Committee process.** A responsive proposal is one which has been signed and submitted by the specified Proposal deadline, and has provided the information required to be submitted with the Proposal. While poor formatting, poor documentation and/or incomplete or unclear information may not be cause to reject a proposal without evaluation, such substandard submissions may adversely impact the evaluation of a Proposal. Respondents who fail to comply with the required and/or desired elements of this **ITB** do so at their own risk.

The City may, as it deems necessary, conduct discussions with responsible proposers determined to be in contention for being selected for award for the purpose of clarification to assure full understanding of, and responsiveness to solicitation requirements.

E) Pre-Bid Conference

A pre-bid conference is not applicable for this solicitation.

A non-mandatory mandatory pre-bid conference will be held on **August 17, 2016**, commencing promptly at **10:00 a.m.** and will be held in the Council Chambers, 104 N. Riverside Drive, Edgewater, Florida 32132.

The purpose of the pre-bid conference is to allow an open forum for discussion and questioning with City staff regarding the **ITB** with all prospective proposers having an equal opportunity to hear and participate. Oral questions will receive oral responses, neither of which will be official, nor become part of the **ITB**. Only written responses to written questions will be considered official, and will be included as part of the **ITB** as an addendum.

F) Projected Timetable

The following projected timetable should be used as a working guide for planning purposes only. The City reserves the right to adjust this timetable as required during the course of the **ITB** process.

| EVENT | DATE |
|--|-----------------------------|
| ITB Notice | August 2, 2016 |
| Non-Mandatory Pre Bid Meeting | August 17, 2016 @ 10:00 am |
| Last Date for Receipt of Written Questions | August 23, 2016 @ 2:00 pm |
| Addendum Due (if required) | August 30, 2016 |
| Bid Due/Opening Date | September 7, 2016 @ 3:00 pm |
| Evaluation/Notice of Recommendation | September 15, 2016 11:00 am |
| City Council Approval | October 3, 2016 |

2) General Description of Specifications or Scope of Work

City of Edgewater is seeking a qualified and licensed State of Florida Contractor to complete the **US Highway #1 and State Road #442 FDOT Landscape Beautification Project.**

This project area runs approximately 3 Miles along US Hwy #1 (Volco Road to Boston Rd – approximately 2 miles and 10th Street to Lamont Street approximately 1 mile) and approximately .5 mile at the intersection of I-95 and SR #442 in, Edgewater, FL.

This project is partially funded by an FDOT grant with an Estimated Budget of \$429,337.00.

A) General Scope of Work

The awarded Contractor will complete the Landscape and Irrigation upgrades in accordance with the Landscape Plans titled “US 1 and SR 442 FDOT LANDSCAPE BEAUTIFICATION” 32 Pages - Latest Revision Dated 4/10/2016 - attached herein as “**Exhibit A**” as well as abide by all conditions of the JPA agreement 435465-1-58-01, attached herein as “**Exhibit B**”

Contractor must comply with City Standard Details.

B) Landscaping

1. Description:

Install landscaping as indicated in the Bid Documents

2. Grade Standards and Conformity with Type and Species:

Only use nursery grown plant materials purchased from Florida based Nurseryman Stock that comply with all required inspection, grading standards, and plant regulations in accordance with the latest edition of the Florida Department of Agriculture’s “Grades and Standards for Nursery Plants.” Unless otherwise specified, minimum grade for all plants is Florida No. 1 or better. All plants must be the specified size and grade at the time of delivery to the site and the minimum grade maintained until final acceptance. Use only plants that are true to type and species and ensure that the plants not specifically covered by Florida Department of Agriculture’s “Grades and Standards for Nursery Plants” conform in type and species with the standards and designations in general acceptance by Florida nurseries.

Prior to planting, certify to the Project Manager that all plant materials have been purchased from Florida based Nurseryman Stock. A minimum of two plants of each species on each shipment must be shipped with tags stating the botanical nomenclature and common name of the plant. Should discrepancies between botanical nomenclature and common name arise, the botanical name will take precedence.

3. Maintenance:

Contractor shall be responsible for all maintenance to begin after each plant has been installed and shall continue 90 days after final written acceptance by the City. Maintenance shall include watering, pruning, weeding, mulching, mowing, replacement of sick or dead plants and any other care necessary in order to maintain proper plant health and soil moisture content.

C) Irrigation

1. Description.

Install irrigation as indicated in the Bid Documents in accordance with all prevailing codes, ordinances and regulations.

D) Construction Timeline

The Contractor agrees to commence work within **Thirty (30) DAYS** after the date of the Notice to Proceed letter and shall substantially complete the work within **One hundred eighty (180)** consecutive calendar days thereafter, (150 days to substantial completion plus 30 days to final).

E) Method of Measurement

The quantities to be paid for will be the items shown in the Contract Documents, completed and accepted.

D) As-Builts

Prior to payment of final invoice, contractor shall furnish a complete set of as-builts showing irrigation and plants installed in actual locations. As-builts are to be submitted in AutoCad format.

3) City's Right to Inspect

The City or its authorized Agent shall have the right to inspect the Contractor's facilities/project site during and after each work assignment the Contractor is performing.

4) Terms and Conditions of Contract

The City has developed standard contracts/agreements. The Contractor shall be required to return a signed standard City contract/agreement contained within this **ITB** with your submittal.

A contract/agreement resulting from this **ITB** shall be subject to the terms and conditions set forth in a standard City Contract and any terms and conditions included in this **ITB**. The City reserves the right to include in any contract document such terms and conditions, as it deems necessary for the proper protection of the rights of the City. The City will not be obligated to sign any contracts, maintenance and/or service agreements or other documents provided by the Contractor with their submittal until approved by Council.

5) General Terms and Conditions

A) Licenses

The Contractor is required to possess the correct occupational license, professional license, and any other authorizations necessary to carry out and perform the work required by the project pursuant to all applicable Federal, State and Local Law, Statute, Ordinances, and rules and regulations of any kind.

If required and/or requested, copies of the required licenses must be submitted with the bid response indicating that the entity proposing, as well as the team assigned to the City account, are properly licensed to perform the activities or work included in the contract documents. A Contractor, with an office within the City is also required to have a business tax receipt and certificate of use.

If you have questions regarding required professional licenses and Business Tax Receipt and Certificate of use, contact the Finance Department, (386) 424-2400.

B) Principals/Collusion

By submission of this Bid, the undersigned, as Proposer, does declare that the only person or persons interested in this Bid as principal or principals is/are named therein and that no person other than therein mentioned has any interest in this Bid or in the contract to be entered into; that this Bid is made without connection with any person, company or parties making a Bid, and that it is in all respects fair and in good faith without collusion or fraud.

C) Taxes

The City is exempt from Federal Excise and State of Florida Sales Tax.

D) Relation of City

It is the intent of the parties hereto that the Contractor shall be legally considered an independent contractor, and that neither the Contractor nor their employees shall, under any circumstances, be considered employees or agents of the City, and that the City shall be at no time legally responsible for any negligence on the part of said Contractor, their employees or agents, resulting in either bodily or personal injury or property damage to any individual, firm, or corporation.

E) Term Contracts

If funds are not appropriated for continuance of a term contract to completion, cancellation will be accepted by this Contractor on thirty (30) days prior written notice.

F) Termination

Should the Contractor be found to have failed to perform his services in a manner satisfactory to the City, the City may terminate this Agreement immediately for cause; further the City may terminate this Agreement for convenience with a thirty (30) day written notice. The City shall be sole judge of non-performance.

G) Liability

The Contractor will not be held responsible for failure to complete contract due to causes beyond its control, including, but not limited to, work stoppage, fires, civil disobedience, riots, rebellions, Acts of Nature and similar occurrences making performance impossible or illegal.

H) Assignment

The Contractor(s) shall not assign, transfer, convey, sublet or otherwise dispose of this contract, or of any or all of its rights, US Hwy #1 and SR #442 Landscape Beautification Project or interest therein, or his or its power to execute such contract to any person, company or corporation without prior written consent of the City.

I) Lobbying

All firms are hereby placed on **NOTICE** that the City does not wish to be lobbied, either individually or collectively about a matter for which a firm has submitted a Bid.

Firms and their agents are not to contact members of the City Council for such purposes as meeting or introduction, luncheons, dinners, etc. During the process, **from Bid announcement to final Council approval**, no firm or their agent shall contact any other employee of the City in reference to this Bid, with the exception of the Finance Director or his designee(s). Failure to abide by this provision may serve as grounds for disqualification for award of this contract to the firm.

J) Single Bid

Each Proposer must submit, with their bid, the required signed contract/agreement and all forms included in this **ITB**. Only **one** bid from a legal entity as a primary will be considered. A legal entity that submits a bid as a primary or as part of a partnership or joint venture submitting as primary may not then act as a sub-consultant to any other firm submitting under the same **ITB**.

K) Protest Procedures

Any appeal or protest to the Request for Bid shall be governed by the City of Edgewater's Purchasing Policies and Procedures.

L) Public Entity Crime

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, bid, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, bid, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, bids, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity for a period of 36 months following the date of being placed on the convicted vendor list.

M) Conflict of Interest

Proposer shall complete the Conflict of Interest Affidavit included as an attachment to this **ITB** document.

Disclosure of any potential or actual conflict of interest is subject to City staff review and does not in and of itself disqualify a firm from consideration.

These disclosures are intended to identify and or preclude conflict of interest situations during contract selection and execution.

N) Prohibition of Gifts to City Employees

No organization or individual shall offer or give, either directly or indirectly, any favor, gift, loan, fee, service or other item of value to any City employee, as set forth in Chapter 112, Part III, Florida Statutes, the current City Ethics Ordinance, and City Administrative Policy. Violation of this provision may result in one or more of the following consequences: a. Prohibition by the individual, firm, and/or any employee of the firm from contact with City staff for a specified period of time; b. Prohibition by the individual and/or firm from doing business with the City for a specified period of time, including but not limited to: submitting bids, **ITB**, and/or quotes; and, c. immediate termination of any contract held by the individual and/or firm for cause.

O) Immigration Reform and Control Act

Proposer acknowledges, and without exception or stipulation, any firm(s) receiving an award shall be fully responsible for complying with the provisions of the Immigration Reform and Control Act of 1986 as located at 8 U.S.C. 1324, et seq. and regulations relating thereto, as either may be amended. Failure by the awarded firm(s) to comply with the laws referenced herein shall constitute a breach of the award agreement and the City shall have the discretion to unilaterally terminate said agreement immediately.

6) Instructions for Bid

A) Compliance with the ITB

Bids must be in strict compliance with this **ITB**. Failure to comply with all provisions of the **ITB** may result in disqualification.

B) Acknowledgment of Insurance Requirements

By signing the Insurance Requirements included in this **ITB**, Proposer acknowledges these conditions include Insurance Requirements.

It should be noted by the Proposer that, in order to meet the City's requirements, there may be additional insurance costs to the Proposer's firm. It is, therefore, imperative that the proposer discuss these requirements with the Proposer's insurance agent, as noted on the Insurance Check List, so that allowances for any additional costs can be made by the Proposer.

The Proposer's obligation under this provision shall not be limited in any way by the agreed upon contract price, or the Proposer's limit of, or lack of, sufficient insurance protection.

Proposer also understands that the evidence of required insurance may be required within five (5) business days following notification of its offer being accepted; otherwise, the City may rescind its acceptance of the Proposer's bid.

The specific insurance requirements for this solicitation are included as part of this solicitation.

C) Acknowledgment of Bonding Requirements

By signing its bid, and if applicable, Proposer acknowledges that it has read and understands the bonding requirements for this bid. Requirements for this solicitation are checked.

Not Applicable

Bid Bond: Shall be submitted with bid response in the form of certified funds, cashiers' check, or an irrevocable letter of credit, a cash bond posted with the City Clerk, or bid bond in a sum equal to 5% of the cost bid. All checks shall be made payable to the City of Edgewater on a bank or trust company located in the State of Florida and insured by the Federal Deposit Insurance Corporation.

The Bid Bond shall be retained by the City as liquidated damages if the successful Proposer fails to execute and deliver to the City the unaltered contract, or fails to deliver any required Performance and Payment Bonds or Certificates of Insurance, all within twenty-one (21) calendar days after receipt of the Notice of Selection for Award. Bid Bonds shall be executed by a corporate surety licensed under the laws of the State of Florida to execute such bonds, with conditions that the surety will, upon demand, forthwith make payment to the City upon said bond. The Bid Bonds of the three (3) highest ranked Proposers shall be held until the contract has been executed by the successful Proposer and same has been delivered to the City together with the required bonds and insurance, after which all three (3) Bid Bonds shall be released to the respective Bidders. All other Bid Bonds shall be released within fourteen (14) calendar days of the Selection Committee meeting date. No bids including alternates shall be withdrawn within one hundred and eighty (180) days after the bid closing date thereof. If a bid is not accepted within said time period it shall be deemed rejected and the Bid Bond shall be released to the Proposer. In the event that the City awards the contract prior to the expiration of the one hundred and eighty (180) day period without selecting any or all alternates, the City shall retain the right to subsequently award to the successful Proposer said alternates at a later time and approved by the Finance Director or designee, and the successful Proposer.

Performance and Payment Bonds: For projects in excess of \$200,000, bonds shall be submitted with the executed contract by Proposers receiving award, and written for 100% of the Contract award amount, the cost borne by the Proposer receiving an award. The Performance and Payment Bonds shall be underwritten by a surety authorized to do business in the State of Florida and otherwise acceptable to Owner; provided, however, the surety shall be rated as "A-" or better as to general policy holders rating and Class V or higher rating as to financial size category and the amount required shall not exceed 5% of the reported policy holders surplus, all as reported in the most current Best Key Rating Guide, published by A.M. Best Company, Inc. of 75 Fulton Street, New York, New York 10038.

Should the contract amount be less than \$500,000, the requirements of Section 287.0935, F.S. shall govern the rating and classification of the surety.

All performance security under the subsequent contract shall be in force throughout the final completion and acceptance of the project awarded.

If the surety for any bond furnished by Contractor is declared bankrupt, becomes insolvent, its right to do business is terminated in the State of Florida, or it ceases to meet the requirements imposed by the Contract Documents, the Contractor shall, within five (5) calendar days thereafter, substitute another bond and surety, both of which shall be subject to the Owner's approval.

D) Delivery of Bids

All bids are to be delivered before 3:00 p.m., local time, on or before September 7, 2016 to:

City of Edgewater
City Clerk
104 N. Riverside Dr
Edgewater, Florida 32132

The City shall not bear the responsibility for bids delivered to the City Clerk past the stated date and/or time indicated, or to an incorrect address by proposer's personnel or by the proposer's outside carrier. However, the City Clerk, or designee, shall reserve the right to accept bids received after the posted close time only under the following condition:

The tardy submission of the bid is due to the following circumstances, which shall include but not be limited to: late delivery by commercial carrier such as Fed Ex, UPS or courier where delivery was scheduled before the deadline.

Proposers must submit two (2) total copies of the proposal, one (1) original and one (1) electronic copy in PDF format, on a flash drive.

List the Bid Number on the outside of the box or envelope and note **"US HWY #1 AND SR #442 FDOT Landscape Beautification Project"**, **ITB # 16-ES-002**. **A bid label has been included in this document for attachment to the mailing container.**

E) Evaluation of Bids (Procedure)

The City's procedure for selecting is as follows:

1. Invitation to Bid issued.
2. Subsequent to the closing of bids, the Department and the Purchasing Specialist shall review the bids received and verify whether each bid appears to be minimally responsive to the requirements of the published **ITB**
3. Vendor selection will be based on the lowest, compliant, qualified bid unless specified otherwise in the Invitation to Bid.
4. The City reserves the right to withdraw this ITB at any time and for any reason, and to issue such clarifications, modifications, and/or amendments as it may deem appropriate.

5. Receipt of a bid by the City or a submission of a bid to the City offers no rights upon the Proposer nor obligates the City in any manner.
6. Acceptance of the bid does not guarantee issuance of any other governmental approvals.

F) Ambiguity, Conflict, or Other Errors in the ITB

If a Proposer discovers any ambiguity, conflict, discrepancy, omission, or other error in the **ITB**, Proposer shall immediately notify the Purchasing Specialist, noted herein, of such error in writing and request modification or clarification of the document. The Purchasing Specialist will make modifications by issuing a written revision and will give written notice to all parties who have received this **ITB** from the Finance Department.

The Proposer is responsible for clarifying any ambiguity, conflict, discrepancy, omission, or other error in the **ITB** prior to submitting the bid or it shall be waived.

G) Bid, Presentation, and Protest Costs

The City will not be liable in any way for any costs incurred by any proposer in the preparation of its bid in response to this **ITB**, nor for the presentation of its bid and/or participation in any discussions, negotiations, or, if applicable, any protest procedures.

H) Acceptance or Rejection of Bids

The right is reserved by the City to waive any irregularities in any bid, to reject any or all bids, to re-solicit for bids, if desired, and upon recommendation and justification by the City to accept the bid which in the judgment of the City is deemed the most advantageous for the public and the City.

Any bid which is incomplete, conditional, obscure or which contains irregularities of any kind, may be cause for rejection. In the event of default of the successful proposer, or their refusal to enter into the City contract, the City reserves the right to accept the bid of any other proposer or to re-advertise using the same or revised documentation, at its sole discretion.

I) Requests for Clarification of Bids

Requests by the Purchasing Specialist to a proposer(s) for clarification of bid(s) shall be in writing. Proposer's failure to respond to request for clarification may deem proposer to be non-responsive, and may be just cause to reject its bid.

J) Validity of Bids

No bid can be withdrawn after it is filed unless the Proposer makes their request in writing to the City prior to the time set for the closing of Bids.

All bids shall be valid for a period of one hundred eighty (180) days from the submission date to accommodate evaluation and selection process.

K) Response Format

The bid shall be deemed an offer to provide services to the City. In submitting a bid, the Proposer declares that he/she understands and agrees to abide by all specifications, provisions, terms and conditions of same, and all ordinances and policies of the City. The Proposer agrees that if the contract is awarded to him/her, he/she will perform the work in accordance with the provisions, terms and conditions of the contract.

To facilitate the fair evaluation and comparison of bids, all bids must conform to the guidelines set forth in this **ITB**. Any portions of the bid that do not comply with these guidelines must be so noted and explained the Acceptance of Conditions section of the bid. However, any bid that contains such variances may be considered non-responsive.

Bids should be prepared simply and economically, providing a straightforward concise description of the Proposer's approach and ability to meet the City's needs, as stated in the **ITB**. All copies of the bid should be bound and tabbed. The utilization of recycled paper for bid submission is strongly encouraged.

The items listed as required forms shall be submitted with each bid and should be submitted in the order shown. Each section should be clearly labeled, with pages numbered and separated by tabs. Failure by a proposer to include all listed items may result in the rejection of its bid.

L) Bid Evaluation Committee and Evaluation Factors

As previously stated, award of contract shall be based on the lowest, compliant, qualified bid unless specified otherwise in the Invitation to Bid.

Drug-Free Workplace: In accordance with Florida Statute 287.087, preference shall be given to businesses with drug-free workplace programs. Whenever two or more proposals which are equal with respect to price, quality, and service are received by the City for the procurement of commodities or contractual services, a proposal received from a business that furnishes a form certifying that it is a Drug Free Workplace shall be given preference in the award process. **NOTE:** In the event, the submitter wishes to provide items specified above and beyond the stated requirements of this request at "no cost" to the City of Edgewater, these services should be identified and included in the request response.

Tie Breaker: In the event of a tie (with each business certifying that it is a Drug-Free Workplace), **both in individual scoring and in final ranking**, the firm with the lowest volume of work on City projects within the last five (5) years will receive the higher individual ranking. This information will be based on information provided by the Proposer, subject to verification at the City's option. If there is a multiple firm tie in either individual scoring or final ranking, the firm with the lowest volume of work shall receive the higher ranking, the firm with the next lowest volume of work shall receive the next highest ranking and so on. If neither vendor has performed in work in the last five years, the preference will be given to the Proposer within the city limits or principal office closest to City Hall.

7) Contract / Agreement and All Required Forms

Required forms:

- Standard Construction Contract
- Proposers Checklist
- Conflict of Interest Affidavit
- Proposers Qualification Form
- Declaration Statement
- Insurance Requirements
- Drug Free Workplace Certification
- Non-Collusion Affidavit of Prime Bidder
- References Form
- Public Entity Crimes Statement
- Vendor Information
- Subcontractor List
- W9
- Public Act 2016-20 Public Records Requirements
- Total Bid Form
- Bid Label

PROPOSER CHECK LIST

IMPORTANT: Please read carefully, sign in the spaces indicated and return with your Bid.

Proposer should check off each of the following items as the necessary action is completed:

- The standard contract/ agreement has been signed and included.
- All applicable forms have been signed and included
- All information as requested in the Proposer’s Qualification Form is included.
- Any addenda have been signed and included.
- The mailing envelope has been addressed to:

CITY CLERK
 City of Edgewater
 104 N. Riverside Dr.
 Edgewater, Florida 32132

- The **mailing envelope must be sealed and marked** with Bid Number “**ITB 16-ES-002**”, Bid Title “**US Hwy #1 and SR #442 Landscape Project**” and Due Date “September 7, 2016 @ 3:00 pm”.
- The Bid will be mailed or delivered in time to be received no later than the specified due date and time. (Otherwise Bid cannot be considered.)

ALL COURIER-DELIVERED BIDS MUST HAVE THE ITB NUMBER AND BID NAME ON THE OUTSIDE OF THE COURIER PACKET

Company

Address

Authorized Signature

City, State, Zip Code

Printed Name & Title

Telephone No.

Email

Fax No.

characteristics of the work and work area in order that he may include in the prices which he has bid and the prices of the Contract, all costs pertaining to the work and thereby provide for the satisfactory completion thereof and determination of the Contract prices herein agreed upon, and that this Contract price is based upon these inspections and examination.

ARTICLE V. LIQUIDATED DAMAGES. If the work is not completed within the time specified in Article III of this Contract, the Contractor shall pay the Owner, as liquidated damages, the sum of **Five Hundred (\$500) DOLLARS** for each consecutive calendar day thereafter until the work is completed, and as outlined in the ITB.

ARTICLE VI. COMPONENT PARTS OF THE CONTRACT. This Contract consists of the following Contract Documents, all of which are hereby made a part hereof as if herein set out in full and all of which are familiar to the Contractor:

1. Invitation to Bid – ITB #16-ES-002
2. Bid Proposal
3. Bid Bond Form
4. Public Entity Crime Affidavit
5. Construction Contract
6. Performance/Payment Bond
7. Certificate of Compliance
 Re: Insurance
8. Warranty of Title
9. Addenda Nos. _____

ARTICLE VII. SEVERABILITY. Should any term, covenant, condition, provision or sentence or part thereof of this Contract, including all Contract Documents which comprise the entire agreement, be held invalid or unenforceable by any court of competent jurisdiction, the remaining terms and provisions shall nevertheless remain in full force and effect.

ARTICLE VIII. CONSTRUCTION. The headings and subheadings used throughout the Contract Documents are for convenience only and have no other significance in the interpretation of the body of the Contract Document.

ARTICLE IX. NOTICES. Whenever either party desires to give notice unto the other, it must be given by written notice, sent by registered or certified United States mail, return receipts requested, addressed to the party for whom it is intended at the place last specified. The place for giving of notice shall remain such until it shall have been changed by written notice in compliance with the provisions of this Section. For the present, the parties designate the following as the respective places for giving of notice, to-wit:

For City:

Robin L. Matusick, City Clerk
City of Edgewater
104 N. Riverside Drive
Edgewater, FL 32132
(386)424-2400 #1101

For Contractor:

_____, _____(Name, Title)
_____. (Company)
_____(Address)
_____(City, State, Zip)
_____(Phone)

ARTICLE X. RIGHTS AT LAW RETAINED. The rights and remedies of City, provided for under this Contract, are in addition and supplemental to any other rights and remedies provided by law.

ARTICLE XI. CONTROLLING LAW, VENUE, ATTORNEY'S FEES. This Contract is to be governed, construed, and interpreted by, through and under the laws of Florida. Venue for any litigation between the parties to this Contract shall be in the County of Volusia, Florida and any trial shall be non-jury. Each party agrees to bear its own costs and attorney's fees relating to any dispute arising under this Contract.

ARTICLE XII. MODIFICATIONS TO AGREEMENT. This Contract and any exhibits, amendments and schedules may only be amended, supplemented, modified or canceled by a written instrument duly executed by the parties hereto of equal dignity herewith.

ARTICLE XIII. WAIVER OF JURY TRIAL. THE CITY AND CONTRACTOR HAVE SPECIFICALLY WAIVED THE RIGHT TO A JURY TRIAL CONCERNING ANY DISPUTES WHICH MAY ARISE CONCERNING THIS AGREEMENT.

ARTICLE XIV NON-WAIVER. No indulgence, waiver, election or non-election by City under this Contract shall affect Contractor's duties and obligations hereunder.

ARTICLE XV. ASSIGNMENT. This Contract, or any interest herein, shall not be assigned, transferred, or otherwise encumbered, under any circumstances, by the parties hereto without prior written consent of the opposite party and only by a document of equal dignity herewith. However, this Contract shall run to the Edgewater City Government and its successors.

ARTICLE XVI. INDEPENDENT CONTRACTOR. It is the intent of the parties hereto that Contractor shall be legally considered an independent contractor and that neither Contractor nor its employees shall under any circumstances be considered employees or agents of the City and that the City shall be at no time legally responsible for any negligence on the part of Contractor, its employees or agents, resulting in either bodily or personal injury or property damage to any individual, Contractor or corporation.

ARTICLE XVII. NO THIRD-PARTY BENEFICIARIES. The agreements contained herein are for the sole benefit of the parties hereto and their successors and permitted assigns and no other party shall have the right to enforce any provision of this Contract or to rely upon the provisions of this Contract.

ARTICLE XVIII. WARRANTY OF TITLE OF CONTRACTOR. Contractor warrants to the City that all goods and materials furnished under the Contract will be new unless otherwise specified and that Contractor possess good, clear, and marketable title to said goods and there are no pending liens, claims or encumbrances whatsoever against said goods. All work not conforming to these requirements, including substitutions not properly approved and authorized may be considered defective. If at any time there shall be evidence of any claim for which, if established, the City might become liable, and which may be chargeable to the Contractor, or if the Contractor shall incur any liability to the City, or the City shall have any claim or demand against the Contractor, of any kind or for any reason, whether related to or arising out of this Agreement or any other agreement between the Contractor and the City, and whether or not reduced to judgment or award, the City shall have the right to retain out of any payment due the Contractor, or which may become due to the Contractor, under this Contract or any other Contract between the Contractor and the City, an amount sufficient to indemnify

the City against such claim, and/or to compensate the City for, and fully satisfy, such liability, claim or demand, and to charge or deduct all cost of defense or collection with respect thereto, including, but not limited to, reasonable attorneys' fees, expert consultant fees, and expert witness fees. Should any claim develop after final payment has been made, the Contractor shall refund to the City all monies that the latter may be compelled to pay in discharging such claims, or that the latter may have incurred in collecting said monies from the Contractor.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement on the date written above for execution by CITY.

WITNESSES:

CITY OF EDGEWATER

Tracey T. Barlow, City Manager

Robin L. Matusick, City Clerk

Dated: _____

WITNESSES:

(Firm Name)

By: _____
(Authorized Officer)

Dated: _____

Approved by the City Council of the City of Edgewater at a meeting held on this _____ day of _____, 2016 under Agenda Item No. _____.

CONFLICT OF INTEREST AFFIDAVIT

By the signature below, the firm (employees, officers and/or agents) certifies, and hereby discloses, that, to the best of their knowledge and belief, all relevant facts concerning past, present, or currently planned interest or activity (financial, contractual, organizational, or otherwise) which relates to the proposed work; and bear on whether the firm (employees, officers and/or agents) has a possible conflict have been fully disclosed.

Additionally, the firm (employees, officers and/or agents) agrees to immediately notify in writing the Finance Director, or designee, if any actual or potential conflict of interest arises during the contract and/or project duration.

Company

Address

Authorized Signature

City, State, Zip Code

Printed Name & Title

Telephone No.

Email

Fax No.

State of _____)
City of _____)

SUBSCRIBED AND SWORN to before me this ____ day of _____, 20____, by _____, who is personally known to me to be the _____ for the Firm, OR who produced the following identification:_____.

Notary Public

My Commission Expires: _____

PROPOSERS QUALIFICATION FORM

LIST MAJOR WORK PRESENTLY UNDER CONTRACT:

| <u>% Completed</u> | <u>Project</u> | <u>Contract Amount</u> |
|--------------------|----------------|------------------------|
| _____ | _____ | \$ _____ |
| _____ | _____ | \$ _____ |
| _____ | _____ | \$ _____ |

LIST CURRENT PROJECTS ON WHICH YOUR FIRM IS THE CANDIDATE FOR AWARD:

OTHER INFORMATION ABOUT PROJECTS:

Have you, at any time, failed to complete a project? Yes No

STATEMENT OF LITIGATION:

Are there any judgments, claims or suits pending or outstanding by or against you?
 Yes No

If the answer to either question is yes, submit details on separate sheet. List all lawsuits that have been filed by or against your firm in the last five (5) years:

FEES:

List total fees for work done on all City projects in the past five (5) years, whether as an individual firm or as part of a joint venture. **Fees must be listed individually by contract or project and then summarized as a total dollar amount.** Attach additional page if necessary.

\$ _____ **Total Fees for work done on all City projects**

REFERENCES:

Bank(s) Maintaining Account(s): _____

Surety/Underwriter: (if required) _____

Other References: (Use additional sheets if necessary)

TYPE OF FIRM:

Corporation/Years in Business: _____. If firm is a corporation, please list state in which it is incorporated: _____. If firm is a corporation, by signing this form, Proposer certifies that the firm is authorized to do business in the State of Florida.

Partnership/Years in Business: _____

Sole Proprietorship/Years in Business: _____

Other: Please list: _____

Pursuant to information for prospective Proposers for the above-mentioned proposed project, the undersigned is submitting the information as required with the understanding that it is only to assist in determining the qualifications of the organization to perform the type and magnitude of work intended, and further, guarantee the truth and accuracy of all statements herein made. We will accept your determination of qualifications without prejudice.

Company

Address

Authorized Signature

City, State, Zip Code

Printed Name & Title

Telephone No.

Email

Fax No.

DECLARATION STATEMENT

City of Edgewater
104 N. Riverside Dr.
Edgewater, FL 32132

RE: ITB NO. 16-ES-002 - “US Hwy #1 and SR #442 FDOT Landscape Beautification Project for City of Edgewater”

Dear Mayor and Council Members:

The undersigned, as Proposer (herein used in the masculine, singular, irrespective of actual gender and number) declares that he is the only person interested in this bid or in the contract to which this bid pertains, and that this bid is made without connection or arrangement with any other person and this bid is in every respect fair and made in good faith, without collusion or fraud.

The Proposer further declares that he has complied in every respect with all the Instructions to Proposers issued prior to the opening of bids, and that he has satisfied himself fully relative to all matters and conditions with respect to the general condition of the contract to which the bid pertains.

The Proposer puts forth and agrees, if this bid is accepted, to execute an appropriate City document for the purpose of establishing a formal contractual relationship between him, and the City, for the performance of all requirements to which the bid pertains. The Proposer states that the bid is based upon the bid documents listed by **ITB #16-ES-002**.

IN WITNESS WHEREOF, WE have hereunto subscribed our names on this _____ day of _____, 20__ in the City of _____, in the State of _____.

Company

Address

Authorized Signature

City, State, Zip Code

Printed Name & Title

Telephone No.

Email

Fax No.

INSURANCE REQUIREMENTS

INSURANCE TYPE

REQUIRED LIMITS

=====

- 1. Worker's Compensation
 Statutory Limits of Florida Statutes, Chapter 440 and all Federal Government Statutory Limits and Requirements.
- 2. Commercial General Liability (Occurrence Form) patterned after the current I.S.O form with no limiting endorsements.
 Bodily Injury & Property Damage

\$1,000,000 single limit per occurrence
- 3. Indemnification: To the maximum extent permitted by Florida law, the Contractor/Vendor/Consultant shall indemnify and hold harmless the City of Edgewater, its officers and employees from any and all liabilities, damages, losses and costs, including, but not limited to, reasonable attorneys' fees and paralegals' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Contractor/Vendor/Consultant or anyone employed or utilized by the Contractor/Vendor/Consultant in the performance of this Agreement. This indemnification obligation shall not be construed to negate, abridge or reduce any other rights or remedies which otherwise may be available to an indemnified party or person described in this paragraph.

This section does not pertain to any incident arising from the sole negligence of the City of Edgewater.

- 4. Automobile Liability
 \$ 500,000 Each Occurrence
Owned/Non-owned/Hired
Automobile Included
- 5. Other Insurance as indicated below:
Errors and Omissions or Professional Malpractice Coverage
 \$ 1,000,000 Per Occurrence
- 6. Aircraft Liability \$1,000,000 each occurrence combined single limit for bodily injury liability and property damage liability.
- 7. Contractor shall ensure that all subcontractors comply with the same insurance requirements that he is required to meet. The same Contractor shall provide City with certificates of insurance meeting the required insurance provisions.
- 8. The City of Edgewater must be named as "**ADDITIONAL INSURED**" on the Insurance Certificate for Commercial General Liability where required.

INSURANCE REQUIREMENTS
(Continued)

9. The City of Edgewater shall be named as the Certificate Holder. NOTE--The "Certificate Holder" should read as follows:

City of Edgewater
Edgewater, Florida

No City Division, Department, or individual name should appear on the Certificate. No other format will be acceptable.

10. **Thirty (30) Days Cancellation Notice** required.

11. The Certificate must state the **ITB** Number and US Hwy #1 and SR #442 Landscape Project.

=====

PROPOSER’S AND INSURANCE AGENT’S STATEMENT:

We understand the insurance requirements of these specifications and that the evidence of insurability may be required within five (5) days of the award of **ITB**.

Company

Address

Authorized Signature

City, State, Zip Code

Printed Name & Title

Telephone No.

Email

Fax No.

Insurance Agency

Signature of Proposer’s Agent

DRUG-FREE WORKPLACE PROGRAM CERTIFICATION

Preference to businesses with drug-free workplace programs. -- Whenever two or more bids, proposals, or replies that are equal with respect to price, quality, and service are received by the state or by any political subdivision for the procurement of commodities or contractual services, a bid, proposal, or reply received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall:

(1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

(2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

(3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

(4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.

(5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.

(6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Does the individual responding to this solicitation certify that their firm has implemented a drug-free workplace program in accordance with the provision of Section 287.087, Florida Statutes, as stated above?

- YES
- NO

Company

Address

Authorized Signature

City, State, Zip Code

Printed Name & Title

Telephone No.

Email

Fax No.

NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

State of _____

County of _____

_____, being first duly sworn, deposes and says that:

He/she is _____ of _____, Proposer that has submitted the attached Proposal;

He/she is fully informed respecting the preparation and contents of the attached Proposal and of all pertinent circumstances respecting such Proposal;

Neither the said Proposer nor any of its officers, partners, owners, agent representatives, employees, or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm or person, to fix the price or prices in the attached Proposal or of any other Proposer, or to fix any overhead, profit or cost element of the Proposal price or the Proposal price of any other Proposer, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the CITY OF EDGEWATER.

The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Company

Address

Authorized Signature

City, State, Zip Code

Printed Name & Title

Telephone No.

Email

Fax No.

Subscribed and sworn to before me this ____ day of _____, 20__.

Title

My Commission Expires: _____

REFERENCES FORM

Provide the business names, contact persons and telephone numbers of five (5) references for which the firm has provided services described in this proposal for three (3) years or more with the last five (5) years. Include relationships with governmental agencies. It is our intent to contact these references during the evaluation process.

1. Name of Company: _____
Address: _____
Point of Contact: _____ Phone #: _____
Service(s) Provided: _____

Dates of Service: _____

2. Name of Company: _____
Address: _____
Point of Contact: _____ Phone #: _____
Service(s) Provided: _____

Dates of Service: _____

3. Name of Company: _____
Address: _____
Point of Contact: _____ Phone #: _____
Service(s) Provided: _____

Dates of Service: _____

4. Name of Company: _____
Address: _____
Point of Contact: _____ Phone #: _____
Service(s) Provided: _____

Dates of Service: _____

5. Name of Company: _____
Address: _____
Point of Contact: _____ Phone #: _____
Service(s) Provided: _____

Dates of Service: _____

**SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A), FLORIDA STATUTES,
ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. THIS SWORN STATEMENT IS SUBMITTED TO City of Edgewater

by _____

(Print Individual's Name and Title)

for _____

(Print Name of Entity Submitting Sworn Statement)

whose _____ business _____ is

and (if applicable) its Federal Employer Identification Number (FEIN) is _____

2. I understand that a "public entity crime" as defined in Paragraph 287.133 (1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

a. A predecessor or successor of a person convicted of a public entity crime; or

b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provisions of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors,

executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

- 6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Indicate which statement applies).

_____ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity, nor any affiliates of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (Attach a copy of the final order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR A CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

(Signature)

Sworn and subscribed before me this _____ day of _____, 2016.

Personally known _____

(Notary)

OR produced identification _____

Notary Public State of _____

My commission expires: _____

(Type of Identification)

VENDOR INFORMATION

Vendor is:

- () Corporation
- () Partnership
- () Sole Proprietorship
- () Other _____(Explain)

Federal Employer Identification Number: _____

Firm Name: _____

Mailing Address: _____

Telephone No.: _____ Fax No.: _____

Email Address: _____ Web Address: _____

If remittance address is different from the mailing address so indicate below.

Firm Name: _____

Remittance Address: _____

Submitted by: _____

Name & Title Printed: _____

Request for Taxpayer Identification Number and Certification

**Give form to the
requester. Do not
send to the IRS.**

Print or type
See Specific Instructions on page 2.

| | |
|--|---|
| Name (as shown on your income tax return) | |
| Business name, if different from above | |
| Check appropriate box: <input type="checkbox"/> Individual/Sole proprietor <input type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶ <input type="checkbox"/> Exempt payee <input type="checkbox"/> Other (see instructions) ▶ | |
| Address (number, street, and apt. or suite no.) | Requester's name and address (optional) |
| City, state, and ZIP code | |
| List account number(s) here (optional) | |

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

| |
|--------------------------------|
| Social security number |
| or |
| Employer identification number |

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

| | | |
|------------------|----------------------------|--------|
| Sign Here | Signature of U.S. person ▶ | Date ▶ |
|------------------|----------------------------|--------|

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,



PUBLIC ACT 2016-20 PUBLIC RECORDS REQUIREMENTS

RECORDS / AUDITS

The City of Edgewater is a public agency subject to Chapter 119, Florida Statutes. The Contractor shall comply with Florida's Public Records Law. Specifically, the Contractor shall:

- a. Keep and maintain public records required by the City in order to perform the service;
- b. Upon request from the City's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
- c. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the City.

Upon completion of the contract, transfer, at no cost to the City, all public records in possession of the Contractor, or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City upon completion of the contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.

During the term of the contract, the Contractor shall maintain all books, reports and records in accordance with generally accepted accounting practices and standards for records directly related to this contract. The form of all records and reports shall be subject to the approval of the City Clerk. The Contractor agrees to make available to the City Clerk, during normal business hours and in Volusia County, all books of account, reports and records relating to this contract.

PUBLIC RECORDS CUSTODIAN

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**CITY CLERK'S OFFICE
CITY OF EDGEWATER
104 N. RIVERSIDE DRIVE
EDGEWATER, FL 32132
(386)424-2400 X 1102
CITYCLERK@CITYOFEDGEWATER.ORG**

Signature acknowledges receipt and understanding of this form.

Name/Title

Date

TOTAL BID FORM

ITB # 16-ES-002

“US HWY #1 AND SR #442 FDOT Landscape Beautification Project”

The total Bid Amount is to include all costs associated with completion of this project including but not limited parts and labor, overhead, operating margin and profit and all direct and indirect expenses. Please complete the breakdown of costs for all items.

No substitutes will be permitted. All blanks must be completed.

LANDSCAPING

| <u>ITEM (Common Name)</u> | <u>Specification</u> | <u>QTY.</u> | <u>Est. Unit Price</u> | <u>TOTAL</u> |
|----------------------------------|-----------------------------|--------------------|-------------------------------|---------------------|
| Trees | | | | |
| Ligustrum | 12'x12' | 69 | | |
| Crape Myrtle - Lavender | 65 Gal. | 51 | | |
| Oleander - Pink | 45 Gal. | 6 | | |
| | | | | |
| Palms | | | | |
| Reclinata Palm | 10-12' C.T. | 10 | | |
| Gorge Palm | 14' C.T. | 11 | | |
| Medjool Date Palm | 15' C.T. | 13 | | |
| Medjool Date Palm | 20' C.T. | 8 | | |
| | | | | |
| Shrubs & Groundcovers | | | | |
| Variegated Schefflera | 3 Gal. | 391 | | |
| Society Garlic | 1 Gal. | 1,194 | | |
| Podocarpus macrophylla 'maki' | 1 Gal. | 462 | | |
| Shore Juniper | 3 Gal. | 72 | | |
| Bulbine | 1 Gal. | 522 | | |
| Beach Dune Sunflower | 1 Gal. | 54 | | |
| Muhly Grass | 3 Gal. | 105 | | |
| Nandina 'Firepower' | 1 Gal. | 364 | | |
| Fountain Grass | 3 Gal. | 200 | | |
| Coontie | 3 Gal. | 320 | | |
| | | | | |
| Rock | CY | 6 | | |
| Steel Edging | LF | 700 | | |
| *Sod | SF | 40,000 | | |
| Mulch | CY | 152 | | |
| Grand Total Landscaping | | | | |

*Sod calculation is an estimate, sod to be replaced are for areas that are disturbed by construction activities.

IRRIGATION

| Description | Units | Quantity | Unit Cost | Total Cost |
|---|-------|----------|-----------|------------|
| US #1 Medians | | | | |
| Hunter PROS-06-PRS30-R 15 Strip Series | ea. | 10 | | |
| Hunter PROS-06-PRS30-R 15 Strip Series | ea. | 23 | | |
| Hunter PROS-06-PRS30-R 8 Series MPR | ea. | 30 | | |
| Hunter PROS-06-PRS30-R 10 Series MPR | ea. | 31 | | |
| Hunter PROS-06-PRS30-R 12 Series MPR | ea. | 40 | | |
| Hunter PROS-06-PRS30-R 15 Series MPR | ea. | 98 | | |
| Hunter PROS-06-PRS30-R 15 Series MPR | ea. | 2 | | |
| Hunter PROS-06-PRS30-R 10 Series VAN | ea. | 1 | | |
| Hunter PROS-06-PRS30-R 15 Series VAN | ea. | 1 | | |
| Hunter PROS-06-PRS30-R 12 Series MPR | ea. | 1 | | |
| Hunter PROS-06-PRS30-R 15 Series MPR | ea. | 3 | | |
| Hunter PROS-06-PRS40-R MP2000 | ea. | 30 | | |
| Hunter PROS-06-PRS40-R MP3000 | ea. | 5 | | |
| Hunter PROS-06-PRS40-R MP2000 | ea. | 78 | | |
| Hunter PROS-06-PRS40-R MP3000 | ea. | 105 | | |
| Hunter PROS-06-PRS40-R MP3000 | ea. | 2 | | |
| Hunter PCB25 Bubbler | ea. | 80 | | |
| Two Hunter PCB-25 Bubbler | ea. | 13 | | |
| Hunter PROS-06-PRS30-R w/Maxijet ARCHFR09H | ea. | 11 | | |
| Hunter PGP-04-CV-R 2.0 LA | ea. | 58 | | |
| Hunter PGP-04-CV-R 2.5 LA | ea. | 231 | | |
| Hunter PGP-04-CV-R 3.0 LA | ea. | 60 | | |
| Hunter PGP-04-CV-R 2.0 | ea. | 5 | | |
| Hunter PGP-04-CV-R 4.0 | ea. | 125 | | |
| Area to Receive Dripline | | | | |
| Hunter PLD-10-12 | sf. | 3,000 | | |
| Hunter ICV-FS 10" Purple Valve Box w/DC latching solenoid | ea. | 55 | | |
| Hunter ICV Jumbo Purple Valve Box w/DC latching solenoid | ea. | 2 | | |
| Hunter NODE-100 Install in Valve Box | ea. | 3 | | |
| Hunter NODE-400 Install in Valve Box | ea. | 11 | | |
| Hunter NODE-200 Install in Valve Box | ea. | 10 | | |
| 5/8" Potable Water Meter | ea. | 1 | | |
| Wilkins 975XL 1" Backflow Preventer | ea. | 1 | | |
| Point of Connection into 4" reclaimed Water Main | | | | |
| Install 4" x 2" wet tap & Nibco T113 2" isolation valve | ea. | 23 | | |
| Future Point of Connection | | | | |
| Install 2" Reclaimed Water Main from Median & Cap | ea. | 1 | | |
| Point of Connection 6" Potable Water Line | ea. | 1 | | |
| Point of Connection 8" Potable Water Line | ea. | 1 | | |
| Irrigation Lateral Line PVC Class 200 Purple | lf. | 27,500 | | |
| Irrigation Lateral Line PVC 2" Class 200 Purple | lf. | 1,300 | | |
| SUBTOTAL | | | | |

| Description | Units | Quantity | Unit Cost | Total Cost |
|--|-------|----------|-----------|------------|
| SR #442 MEDIANS | | | | |
| Hunter PROS-12-PRS30 15 Strip Series | ea. | 4 | | |
| Hunter PROS-12-PRS30 15 Strip Series | ea. | 1 | | |
| Hunter PROS-12-PRS30 8 Series MPR | ea. | 4 | | |
| Hunter PROS-12-PRS30 10 Series MPR | ea. | 1 | | |
| Hunter PROS-12-PRS30 10 Series MPR | ea. | 1 | | |
| Hunter PROS-12-PRS30 12 Series MPR | ea. | 4 | | |
| Hunter PROS-12-PRS30 12 Series MPR | ea. | 10 | | |
| Hunter PROS-12-PRS30 12 Series MPR | ea. | 4 | | |
| Hunter PROS-12-PRS30 15 Series MPR | ea. | 2 | | |
| Hunter PROS-12-PRS30 15 Series MPR | ea. | 6 | | |
| Hunter PROS-12-PRS30 15 Series MPR | ea. | 4 | | |
| Hunter PROS-12-PRS30 15 Series | ea. | 6 | | |
| | | | | |
| Hunter PCB25 Bubbler | ea. | 68 | | |
| Two Hunter PCB-25 Bubbler | ea. | 21 | | |
| Hunter PGP-04 2.0 LA | ea. | 22 | | |
| Hunter PGP-04 2.5 LA | ea. | 67 | | |
| Hunter PGP-04 3.0 LA | ea. | 30 | | |
| Hunter PGP-04 4.0 | ea. | 34 | | |
| Hunter ICV-FS 10" Valve Box | ea. | 11 | | |
| Hunter ICC Controller wtr IC-600 PL | ea. | 1 | | |
| Existing Electrical Service | ea. | 1 | | |
| Existing 4" Well & 5hp Pump | ea. | 1 | | |
| | | | | |
| Irrigation Lateral Line PVC Class 200 SDR 21 | lf. | 6,500 | | |
| Irrigation Mainline PVC 3" Class 200 SDR 21 Gasket | lf. | 2,400 | | |
| SUBTOTAL | | | | |
| GRAND TOTAL IRRIGATION (all medians) | | | | |

PLEASE INCLUDE BELOW ANY OTHER POTENTIAL ADDITIONAL SERVICES THAT MAY BE REQUIRED AND ASSOCIATED COSTS.

Total Bid Amount \$ _____
(Landscaping and Irrigation)

Total Bid Amount in Words: _____

Company Name: _____

Address: _____

Telephone Number: _____

Email Address: _____

Company Authorized Representative Name: _____

Signature/Date: _____

Bid prices must include all freight charges and delivery charges for any and all material delivered to the work sight.

THE ABOVE AMOUNTS INCLUDE SALARY COST, FRINGE BENEFITS, OVERHEAD, OPERATING MARGIN AND PROFIT, AND ALL DIRECT AND INDIRECT EXPENSES.

Authorized Signature

Address

Printed Name & Title

City, State, Zip Code

Company

Telephone No.

Date

Fax No.

Cut and use this label for Bid Package

CITY OF EDGEWATER
CITY CLERK
104 N. RIVERSIDE DRIVE
EDGEWATER, FL 32132

ITB 16-ES-003

**US Hwy # 1 and SR #442 FDOT Landscape
Beautification Project**

OPENING DATE/TIME:
September 7, 2016 by 3:00 p.m.

EXHIBIT “A”

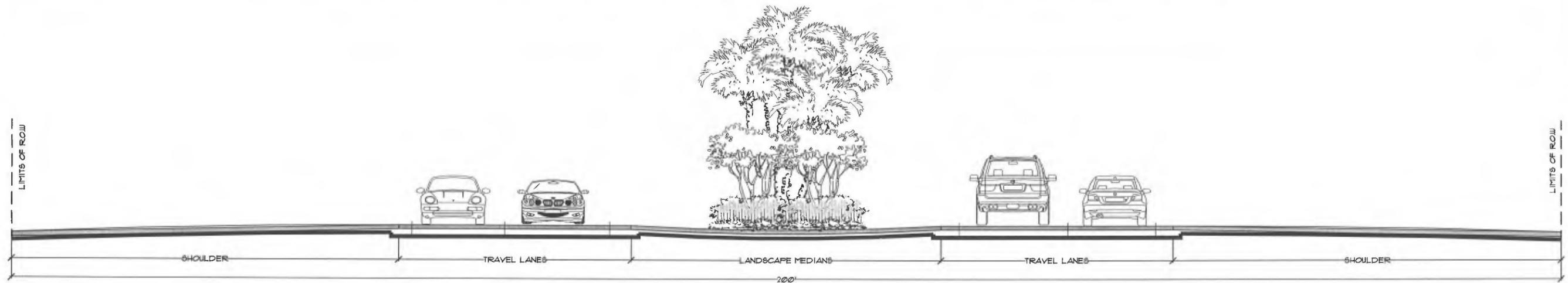
LANDSCAPE PLANS

US 1 AND SR442 FDOT LANDSCAPE BEAUTIFICATION

CITY OF EDGEWATER, VOLUSIA COUNTY, FLORIDA
LANDSCAPE PLANS
 (VOLCO RD. - BOSTON RD.) - 2 MILES
 (LAMONT ST. - 10th ST.) - 1 MILE
 (I-95 AND SR 442) - .5 MILES



FDOT FINANCIAL MANAGEMENT # 435465-1-58-01



MAYOR MICHAEL IGNASIAK
CITY MANAGER TRACEY BARLOW
PUBLIC WORKS DIRECTOR BRENDA DEWEES

US 1 SHEET INDEX:

- CVR COVER SHEET
- D1 LANDSCAPE NOTES & DETAILS
- D2 MAINTENANCE OF TRAFFIC PLANS
- LAYOUT LAYOUT SHEET - LANDSCAPE
- DEM DEMOLITION PLAN
- LA1 LANDSCAPE PLAN (MEDIANS 1A - 3A)
- LA2 LANDSCAPE PLAN (MEDIANS 3B - 5A)
- LA3 LANDSCAPE PLAN (MEDIANS 5B - 6A)
- LA4 LANDSCAPE PLAN (MEDIANS 6B - 9A)
- LA5 LANDSCAPE PLAN (MEDIANS 9B - 9C)
- LA6 LANDSCAPE PLAN (MEDIANS 9B - 9C)
- LA7 LANDSCAPE PLAN (MEDIANS 9B - 9C)
- LAYOUT LAYOUT SHEET - IRRIGATION
- IR1-1 IRRIGATION PLANS
- IR1-2 IRRIGATION PLANS
- IR1-3 IRRIGATION PLANS
- IR1-4 IRRIGATION PLANS
- IR1-5 IRRIGATION PLANS
- IR1-6 IRRIGATION PLANS
- IR1-7 IRRIGATION PLANS
- IR1-8 IRRIGATION PLANS NOTES & DETAILS
- IR1-9 IRRIGATION PLANS NOTES & DETAILS

SR442 SHEET INDEX:

- D1-1 LANDSCAPE NOTES & DETAILS
- D2-1 MAINTENANCE OF TRAFFIC PLANS
- DEM-1 DEMOLITION PLAN
- LA1-1 LANDSCAPE PLAN
- LA2-1 LANDSCAPE PLAN
- IR1-1 IRRIGATION PLAN
- IR2-1 IRRIGATION PLAN NOTES & DETAILS
- IR3-1 IRRIGATION PLAN NOTES & DETAILS

CITY COMMISSION:

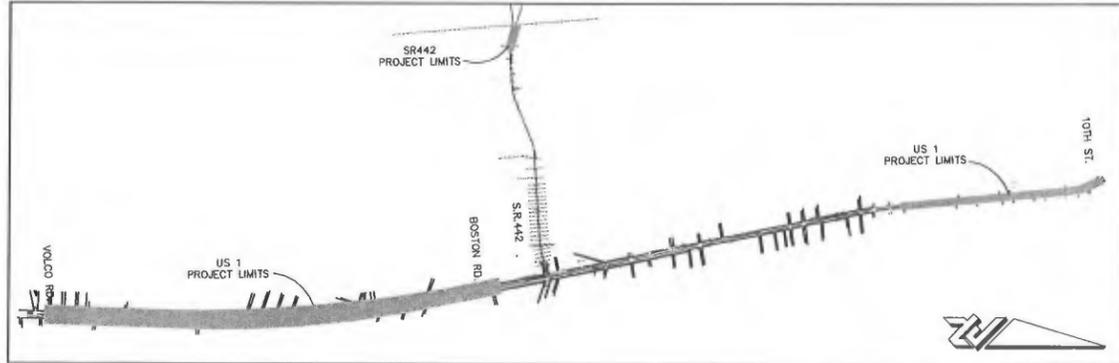
- DISTRICT 1 : CHRISTINE POWER**
- DISTRICT 2 : GIGI BENNINGTON**
- DISTRICT 3 : DAN BLAZI**
- DISTRICT 4 : GARY CONROY**

APPLICANT:

CITY OF EDGEWATER
 104 N. RIVERSIDE DR.
 EDGEWATER, FLORIDA 32132
 (386) 424-2472
 CONTACT: BRENDA DEWEES,
 DIRECTOR OF PUBLIC WORKS
 & UTILITIES

LANDSCAPE ARCHITECT:

ZEV COHEN & ASSOCIATES, INC.
 300 INTERCHANGE BLVD.
 ORMOND BEACH, FL., 32174
 (386) 677-2482
 (386) 677-2505 (FAX)
 CONTACT: STEVEN R. BURNS, RLA



VICINITY MAP
 SCALE: 1" = 2000'



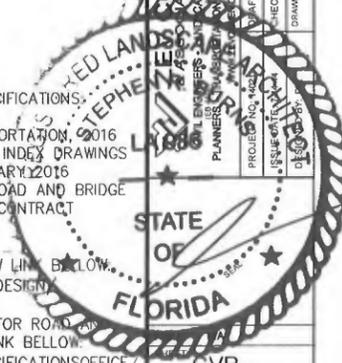
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| NO. | DATE | DESCRIPTION | BY |
|-----|----------|---|-----|
| 1 | 04-15-16 | REVISED PER FDOT COMMENTS, DATED 04-15-16 | SMS |
| 2 | 04-15-16 | REVISED PER FDOT COMMENTS, DATED 04-15-16 | SMS |
| 3 | 04-15-16 | REVISED PER FDOT COMMENTS, DATED 04-15-16 | SMS |
| 4 | 04-15-16 | REVISED PER CITY REQUEST | SMS |
| 5 | 04-15-16 | REVISED PER CITY REQUEST | SMS |
| 6 | 04-15-16 | REVISED PER FDOT COMMENTS, DATED 04-15-16 | SMS |

ORMOND BEACH, FL 32174
 300 INTERCHANGE BLVD.
 (386) 677-2482 FAX (386) 677-2505
 ST. AUGUSTINE, FL 32086
 475 U.S. 1 & STATE ST.
 (386) 677-2482 FAX (386) 677-2415
 AMELIA ISLAND, FL 32034
 94 HILTON BLVD.
 (386) 677-2482 FAX (386) 677-2415

US 1 AND SR442 BEAUTIFICATION
 LANDSCAPE PLANS
 COVER SHEET

VOLUSIA COUNTY, FLORIDA
 CITY OF EDGEWATER



GOVERNING STANDARDS AND SPECIFICATIONS:
 FLORIDA DEPARTMENT OF TRANSPORTATION, 2016
 DESIGN STANDARDS AND REVISED INDEX DRAWINGS
 AS APPENDED HEREIN, AND JANUARY 2016
 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
 CONSTRUCTION, AS AMENDED BY CONTRACT
 DOCUMENTS.
 FOR "DESIGN STANDARDS" FOLLOW LINK BELOW:
[HTTP://WWW.DOT.STATE.FL.US/RDDESIGN/](http://www.dot.state.fl.us/RDDESIGN/)
 FOR "STANDARD SPECIFICATIONS FOR ROAD AND
 BRIDGE CONSTRUCTION FOLLOW LINK BELOW:
[HTTP://WWW.DOT.STATE.FL.US/SPECIFICATIONSOFFICE/](http://www.dot.state.fl.us/SPECIFICATIONSOFFICE/)

GENERAL CONSTRUCTION NOTES

- THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE V₁, V₂, AND V₃) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE. ONLY THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL CONTACT SUNSHINE ONE CALL OF FLORIDA, INC. AS REQUIRED BY CHAPTER 556 OF THE FLORIDA STATUTES.
UTILITY AGENCY/OWNER - TELEPHONE NUMBER
ELECTRIC - FLORIDA POWER & LIGHT, BEVERLY HUTTO (904) 322-3499
GAS - TECO PEOPLES GAS, GEORGE SMITH (904) 471-2192
FIBER OPTIC CABLE - AT&T, MICHAEL MOORE (904) 254-8550
TELEPHONE - BRIGHT HOUSE, SEAN RYDEN (904) 742-2944
TRAFFIC MONITORING SITES- FOOT, CHERYL BURKE (904) 543-5900
VOLUSIA COUNTY TRAFFIC ENGINEERING - (904) 754-5940
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH RULE CHAPTER 16-40, FLORIDA ADMINISTRATIVE CODE. THE PDOT 204 DESIGN STANDARDS AND REVISED INDEX DRAWINGS AS APPENDED HEREIN, THE JANUARY 2016 PDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION EDITION AND THE PDOT LHM 200 EDITION CONTRACTOR TO FOLLOW ALL REQUIREMENTS OF CITY/POOT J&A AND PDOT APPROVAL.
- CONTRACTOR TO PROVIDE EROSION AND SILTATION CONTROL MEASURES AND COORDINATED /APPROVED BY PDOT AND INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THESE MEASURES ARE TO BE INSPECTED BY THE CONTRACTOR ON A REGULAR BASIS AND ARE TO BE MAINTAINED IN ACCORDANCE WITH SWMM, BMP NPDES, AND BEST MANAGEMENT PRACTICES (BMP'S) STANDARDS AND PREPARED ON AN IMMEDIATE BASIS AS REQUIRED. CONTRACTOR TO OBTAIN DEP NPDES PERMIT, IF REQUIRED.
- ANY EXISTING STRIPING ON US1 DAMAGED BY THIS PROJECT MUST BE REPLACED.
- CONTRACTOR TO STAKE-OUT EACH MEDIAN FOR PLANT/TREE LOCATIONS FOR LANDSCAPE ARCHITECT APPROVAL PRIOR TO INSTALLATION.
- CONTRACTOR WILL BE RESPONSIBLE TO DO ANY GRADING WORK NECESSARY TO ASSURE PROPER DRAINAGE FLOW. CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS, SWALES, CONVEYANCE, AND RUNOFF STORAGE CAPACITY DURING AND POST CONSTRUCTION ACTIVITIES. THE EXISTING DRAINAGE STRUCTURES SHALL NOT BE OBSTRUCTED OR MODIFIED ANYTIME.
- IT IS THE RESPONSIBILITY OF THE CITY TO MAINTAIN THE PROPOSED PROJECT LIMIT AREAS IN ACCORDANCE WITH THE PDOT MAINTENANCE RATING PROGRAM STANDARDS (MRP). REFER TO THEIR CRITERIA THROUGH THE LINK PROVIDED: <https://www.dot.state.fl.us/transportation/operations/mrp/>. ALSO, REFER TO THE "A GUIDE FOR TREE, PALM MAINTENANCE FOR URBAN ROADSIDES AND LANDSCAPE AREAS"

LANDSCAPE NOTES

- FLORIDA #1**: ALL PLANT MATERIAL SHALL BE GRADE FLORIDA NO 1 OR BETTER IN QUALITY AS DESIGNATED IN THE MOST RECENT PUBLICATION OF "GRADES AND STANDARDS FOR NURSERY PLANTS", PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
- SOD**: SOD SHALL BE ARGENTINE PAMPA GRASS UNLESS OTHERWISE SPECIFIED ON THE PLANS AS FLORATAM ST. AUGUSTINE. ALL SOD SHALL BE ROLLED CONTRACTOR TO SOD ALL AREAS THAT ARE WITH MEDIANS WORKED. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THE SOD IS FREE OF WEEDS UPON INSTALLATION AND FOR THE DURATION OF THE 30 DAY MAINTENANCE PERIOD. SOD QUANTITY TAKEOFFS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL TURF AREAS SHALL BE SMOOTH AND FREE OF ANY TRACK RUTS OR OTHER UNSIGHTLY IMPRINTS CAUSED BY CONSTRUCTION MACHINERY DURING CONSTRUCTION/INSTALLATION. ALL REPLACEMENT SOD SHALL BE FLORATAM ST. AUGUSTINE. ALL TURF AREAS SHALL BE SMOOTH AND FREE OF ANY TRACK RUTS OR OTHER UNSIGHTLY IMPRINTS CAUSED BY CONSTRUCTION MACHINERY DURING CONSTRUCTION/INSTALLATION. ALL REPLACEMENT SOD SHALL BE ARGENTINE PAMPA.
- MULCH**: ALL PLANTING BEDS SHALL BE TOP DRESSED WITH 2" PINE BARK MULCH, GRADE "B" OR BETTER. ALL TREES NOT IN BEDS SHALL HAVE A 5' DIAMETER MULCH RING.
- QUANTITIES**: IN THE EVENT OF A VARIATION BETWEEN THE QUANTITIES SHOWN ON THE PLANT LISTS AND THE ACTUAL QUANTITY OF PLANTS SHOWN ON THE PLANS, THE PLANS SHALL CONTROL. SOD QUANTITY TAKEOFFS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- UNFORESEEN CONDITIONS**: CONTRACTOR SHALL NOT WILLFULLY INSTALL ANY PORTION OF THE LANDSCAPE PLAN AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNFORESEEN OBSTRUCTIONS, GRADE DIFFERENCES, STANDING WATER, SOIL CONDITIONS OR OTHER CONFLICTS EXIST. SUCH UNFORESEEN CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE AND THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- SUBSTITUTIONS**: NO SUBSTITUTIONS OR VARIATIONS OF ANY PLANT MATERIAL OR ITS INSTALLED LOCATION WILL BE PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT AND APPROVAL FROM THE LANDSCAPE ARCHITECT.
- CONTAINERS**: IF GALLONAGE FOR PLANTS OR TREES IS SHOWN THEY SHALL BE CONTAINER GROWN AND THE SIZE SHOWN SHALL REPRESENT THE MINIMUM ALLOWABLE GALLONAGE ACCEPTED. IN ALL CASES THE PLANT SPECIFIED SIZE SHALL GOVERN OVER THE GALLONAGE INDICATED.
- SOIL**: CONTRACTOR SHALL VERIFY THAT SOIL CONDITIONS ARE SUITABLE TO THE PLANT SPECIES SPECIFIED. IF SOIL CONDITIONS ARE DEEMED UNSUITABLE FOR PROPER PLANT HEALTH, CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT AND PROPER SUBSTITUTIONS SHALL BE SPECIFIED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ADDITIONALLY, IF PRESENT, THE CONTRACTOR SHALL REMOVE LIVE ROCK, CONCRETE AND OTHER DELETERIOUS DEBRIS FROM PLANTING BEDS. IF DEBRIS IS INTEGRATED IN THE SOIL, THE SOIL MUST BE EXCAVATED AND REPLACED WITH ACCEPTABLE SOIL. LASTLY, ALL FILL TO BE PLACED IN LANDSCAPE AREAS MUST HAVE A pH RANGE BETWEEN 5.0 AND 7.5, BE ORGANIC IN NATURE, AND BE FREE OF ROCKS AND DEBRIS.
- TOPSOIL**: TOPSOIL MATERIAL, IF REQUIRED, SHALL BE FREE FROM ALL HARD CLODS, WEEDS, STONES OVER 1" IN DIAMETER, CLAY, HARD PAN, NOXIOUS PLANTS, SOD, INSECTS, OR OTHER UNDESIRABLE PLANTS, SEEDS, OR MATERIAL WHICH MAY BE HARMFUL FOR GROWTH AND SHALL BE CERTIFIED AS STERILE.
- WEEDS**: IF PRESENT, THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ANY WEEDS FROM PLANTING AREAS PRIOR TO THE INSTALLATION OF PROPOSED PLANT MATERIAL AND MULCH COVER. CONTRACTOR SHALL BE RESPONSIBLE TO KEEP BEDS FREE OF WEEDS FOR THE DURATION OF THE 30 DAY MAINTENANCE PERIOD.
- GRADING**: UNLESS OTHERWISE STATED ON THESE PLANS, THE LANDSCAPE CONTRACTOR SHALL FINE GRADE ALL AREAS TO BE PLANTED AND SODDED IN ORDER TO ELIMINATE BUMPS AND DEPRESSIONS. FINE GRADING SHALL BE DEFINED AS THE FINAL 1/2" OF GRADE TO BE ACHIEVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND REGRADING WASHOUT AREAS CAUSED BY EROSION UNTIL FINAL ACCEPTANCE OF THE PROJECT.
- STAKING**: ALL TREES, SHRUBS AND GROUND COVERS ARE TO BE PLANTED ACCORDING TO THE DETAILS IN THESE PLANS. IF THE CONTRACTOR PREFERENCES TO USE OTHER STAKING METHODS THAN SHOWN IN THE DETAILS, HE OR SHE MUST SUBMIT PROPOSED STAKING DETAILS TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. THE LANDSCAPE CONTRACTOR SHALL STRAIGHTEN, REPAIR, AND/OR REPLACE ANY PLANTS DAMAGED BY FAILURE TO PROPERLY STAKE OR BUY ANY TREES IN SITE, AT THEIR OWN EXPENSE.
- FERTILIZER**: OSMOCOTE SLOW RELEASE FERTILIZER OR EQUIVALENT SHALL BE APPLIED TO ALL TREE, SHRUB, AND GROUND COVER PLANTING AREAS AT THE RATE OF THREE (3) TABLESPOONS PER 2 SQ. FT. OF PLANTING AREA.
- DRAINAGE**: THE LANDSCAPE CONTRACTOR SHALL ASSURE THAT THIS WORK DOES NOT INTERRUPT EXISTING OR PROPOSED DRAINAGE PATTERNS AND SHALL NOTIFY THE OWNERS REPRESENTATIVE IMMEDIATELY SHALL A CONFLICT ARISE.
- SPECIFICATIONS**: THE LANDSCAPE ARCHITECT SHALL BE PERMITTED THE RIGHT DURING INSTALLATION TO REJECT ANY AND ALL PLANT MATERIAL AND WORKMANSHIP WHICH IN HIS OR HER OPINION DOES NOT MEET THE REQUIREMENTS OF THESE SPECIFICATIONS.
- PERCOLATION**: PERCOLATION TESTS ARE REQUIRED FOR ALL PLANTING PITS FOR PHOENIX GPP PALM TREES. AFTER THE PLANTING PIT IS DUG TO THE PROPER DEPTH, FILL PIT WITH WATER AND DOCUMENT THE AMOUNT OF TIME IT TAKES FOR THE WATER TO DRAIN FROM THE PIT COMPLETELY. NOTIFY THE OWNERS REPRESENTATIVE TO WITNESS THE TEST.
- TURNOVER**: CONTRACTOR SHALL CONTACT OWNERS REPRESENTATIVE FOR A TURNOVER DATE TO INCLUDE A WALK-THROUGH AND ACCEPTANCE OF WORK BY THE LANDSCAPE ARCHITECT. ANY WORK DEEMED UNACCEPTABLE SHALL BE CORRECTED IMMEDIATELY AND REINSPECTED AS SCHEDULED.
- MAINTENANCE**: CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE TO BEGIN AFTER EACH PLANT HAS BEEN INSTALLED AND SHALL CONTINUE 30 DAYS AFTER FINAL WRITTEN ACCEPTANCE BY THE OWNER. MAINTENANCE SHALL INCLUDE WATERING, PRUNING, WEEDING, MULCHING, MOVING, REPLACEMENT OF SICK OR DEAD PLANTS, AND ANY OTHER CARE NECESSARY IN ORDER TO MAINTAIN PROPER PLANT HEALTH AND SOIL MOISTURE CONTENT.
- WARRANTY**: CONTRACTOR SHALL GUARANTEE ALL INSTALLED PLANT MATERIAL FOR ONE (1) CALENDAR YEAR STARTING FROM THE TURNOVER DATE. SHOULD WORK BE FOUND ACCEPTABLE. ANY CORRECTED WORK SHALL HAVE A PROPORTIONAL EXTENSION OF WARRANTY ONCE APPROVED. ANY SICK OR DEAD MATERIAL SHALL BE REPLACED IMMEDIATELY. THE LANDSCAPE CONTRACTOR SHALL NOT BE RESPONSIBLE TO INVOIC ANY WARRANTY FOR THE LOSS OF ANY PLANT MATERIAL CAUSED BY FLOODING, FIRE, FREEZING TEMPERATURES, WINDS OVER 50 MPH, LIGHTNING, ANY OTHER NATURAL DISASTER, OR ANY LOSS/DAMAGE CAUSED BY VANDALISM OR NEGLIGENCE ON THE PART OF THE OWNER.

IRRIGATION NOTES

1. AN AUTOMATIC TIME CONTROLLED IRRIGATION SYSTEM WITH A RAIN SENSOR SHALL BE INSTALLED TO PROVIDE 100% HEAD TO HEAD COVERAGE OF ALL NEW PLANTINGS. IRRIGATION PLAN SHALL BE PROVIDED UPON SUBSTANTIAL SITE PLAN APPROVAL.

QUALIFICATION OF CONTRACTORS

- THE CITY OF EDGEWATER BEACH RESERVES THE RIGHT TO REQUIRE ANY BIDDER TO SUBMIT SUCH EVIDENCE OF QUALIFICATIONS AS IT MAY DEEM NECESSARY AND MAY CONSIDER EVIDENCE AVAILABLE CONCERNING THE FINANCIAL AND OTHER QUALIFICATIONS AND ABILITIES OF A CONTRACTOR. FAILURE TO PROVIDE ALL REQUIRED INFORMATION MAY RESULT IN THE PROPOSAL BEING REJECTED AS NONRESPONSIVE. THE MINIMUM QUALIFICATIONS FOR THIS PROJECT ARE AS FOLLOWS:
1. THE CONTRACTOR MUST HAVE A MINIMUM TEN (10) YEARS EXPERIENCE INSTALLING (NOT MAINTAINING) LANDSCAPE AND IRRIGATION SYSTEMS ON PROJECTS OF A SIMILAR SCOPE IN NATURE WITH VERIFIABLE REFERENCES IN THE FOLLOWING AREAS: MUNICIPAL LANDSCAPE AND IRRIGATION CONTRACTS, PROJECTS WITHIN PDOT RIGHTS OF WAY, PROJECTS EXCEEDING \$500K AS PRIME CONTRACTOR, TWENTY (20) OR MORE DATE PALMS ON A SINGLE SITE AND PROJECT FUNDED BY COUNTY, STATE OR FEDERAL FUNDS.

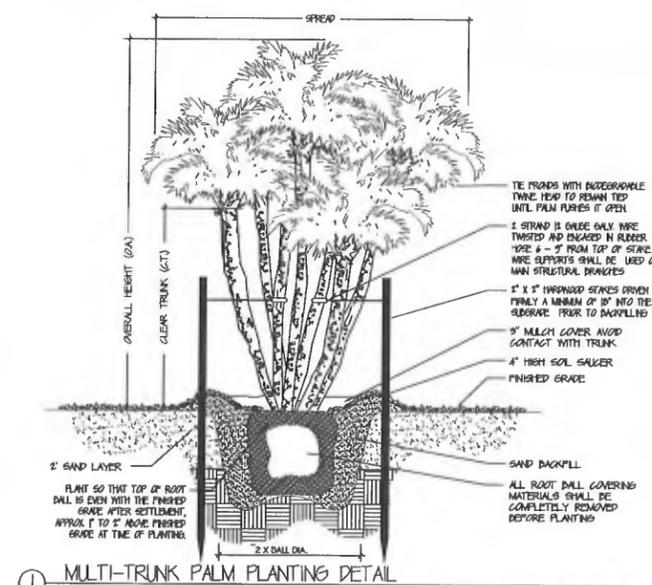
BASE INFORMATION

- BASE PLANS USED IN THE DEVELOPMENT OF THIS PROJECT DESIGN WERE PROVIDED BY PDOT. CONTRACTOR TO CONFIRM FINAL LAYOUT AND DIMENSIONS PRIOR TO COMMENCING WORK.
- MEDIAN LINES ARE DRAWN IN PER GOOGLE MAP IMAGES (FIELD VERIFY)

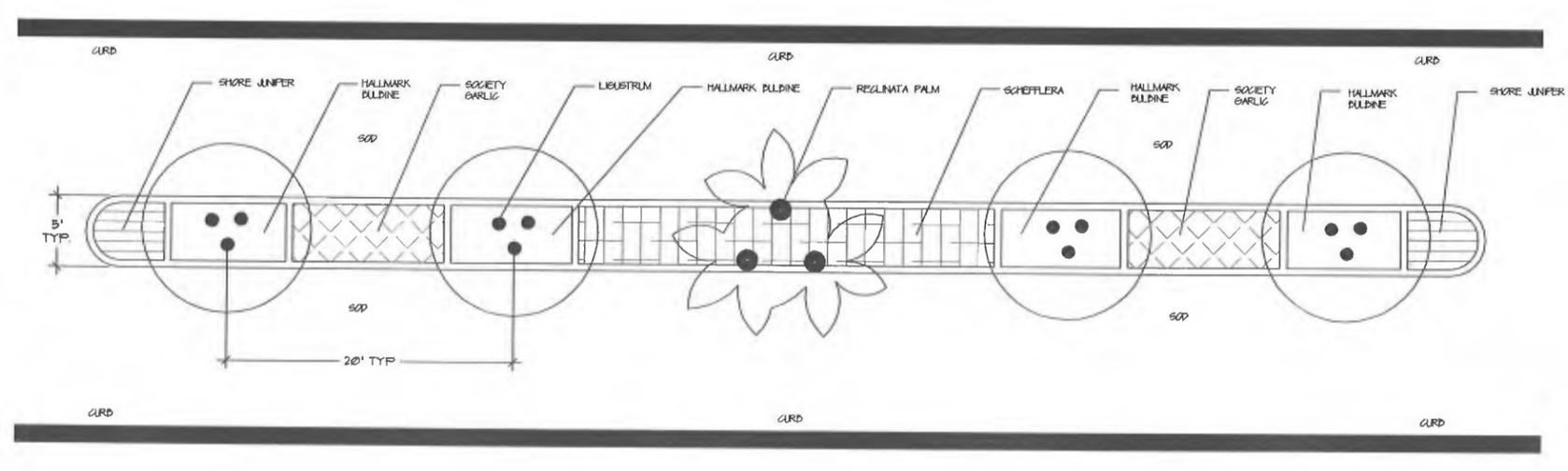
MASTER PLANT LIST

| SYMB | QTY | SPECIES | COMMON NAME | SPECIFICATIONS |
|------|-----|--------------------------------|-----------------------|--|
| LN | 1 | LIVISTONA NITIDA | CARNIVOROUS PALM | 14' G.T. MATCHED, DAMAGED CUT |
| PR | 5 | PHOENIX REGLINATA | REGLINATA PALM | 12'-18" G.T. HT., MIN 8-10 TRUNK, 4" MAX |
| LI | 15 | LAEVISTRODIA INDICA MURKOOZI | LAVENDER GRAPE MISTLE | 40 GAL, 1 1/2" GALL, 12' HT., 20" G.T. |
| LJ | 30 | LIQUISTRUM JAPONICUM TREE FORM | LIQUISTRUM TREE | 12' x 12' M.T., 20" G.T., PRUNED |
| DR | 464 | BULDINE FRUTESCENS | YELLOW BULDINE | 9 GAL, 18" HT. X 18" SPRD, FULL, 20" OG. |
| JG | 44 | JUNIFERUS CONFERTA | SHORE JUNIPER | 9 GAL, 18" HT. X 18" SPRD, FULL, 20" OG. |
| SA | 22 | SCHOFFLERA ARBOREOLA TRINETTE | VAREBATED SCHOFFLERA | 7 GAL, 20" SPRD X 24" HT, FULL, 20" OG. |
| TV | 304 | TULDASHIA VULGARIS | SOCIETY GARLIC | 1 GAL., 18" SPRD, 18" OG. |

NOTE: SEE LANDSCAPE PLAN SHEETS LA1 THRU LA7 FOR INDIVIDUAL MEDIAN QUANTITIES.



1. MULTI-TRUNK PALM PLANTING DETAIL SCALE: NTS



5. MEDIAN PLANTING DETAIL SCALE: NTS

J&A ASSOCIATES, INC.
2014

ORMOND BEACH
300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
(386) 877-2402 FAX (386) 877-2505

ST. AUGUSTINE
4475 U.S. 90E #101 ST. AUGUSTINE, FL 32086
(904) 797-1810 FAX (904) 797-1159

| NO. | DATE | DESCRIPTION |
|-----|---------|---|
| 1 | 1-2-15 | REVISED PER FOOT COMMENTS DATED 2-15-15 |
| 2 | 1-2-15 | REVISED PER FOOT COMMENTS DATED 2-15-15 |
| 3 | 1-4-15 | REVISED PER FOOT COMMENTS DATED 2-15-15 |
| 4 | 1-12-15 | REVISED PER CITY REQUEST |
| 5 | 1-15-15 | REVISED PER CITY REQUEST |
| 6 | 1-15-15 | REVISED PER FOOT COMMENTS DATED 1-15-15 |

REVISIONS:

**US 1 AND SR442 BEAUTIFICATION
LANDSCAPE PLANS
NOTES & DETAILS**

FLORIDA
VOLUSIA COUNTY
CITY OF EDGEWATER

STEPHEN J. COHEN
REGISTERED LANDSCAPE ARCHITECT
NO. 15000
PLANNERS & ARCHITECTS, INC.
1000 W. WASHINGTON ST., SUITE 100
WALNUT HILL, FL 32204
(904) 271-1111

PROJECT NO. 15000
ISSUE DATE: 1-15-15
CHECKED BY: SRK/PM
DRAWING FILE: 148714

D1 of 2



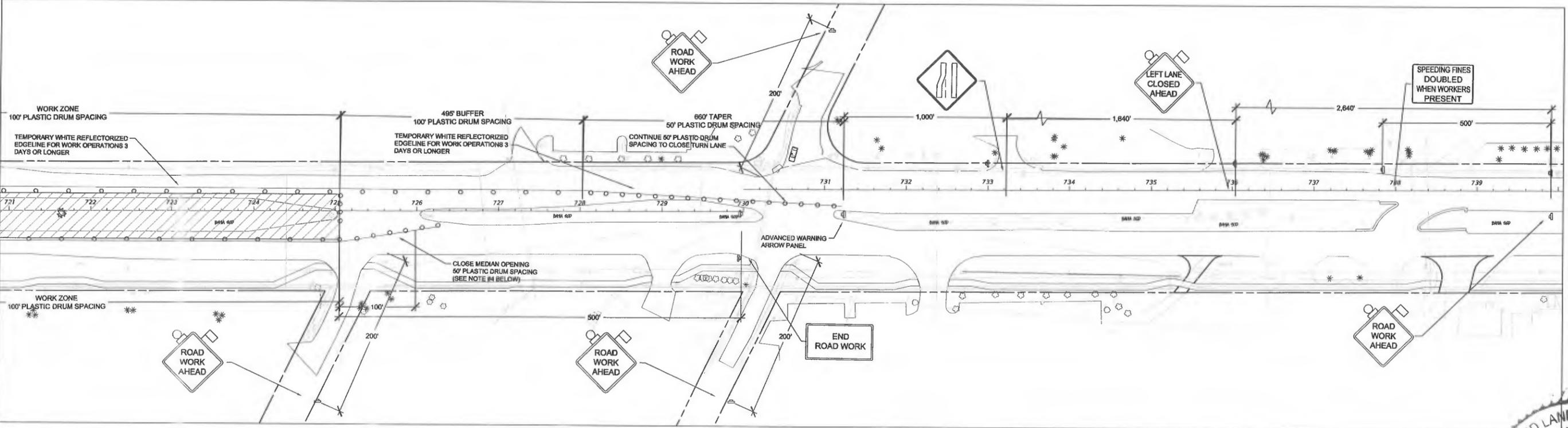
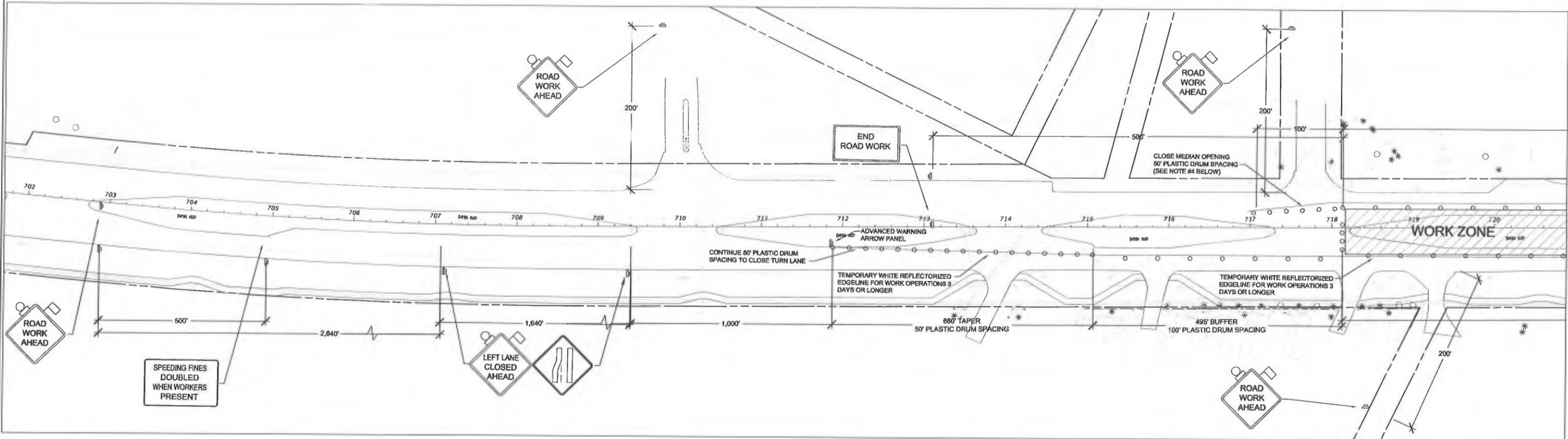
ORLANDO BEACH
 300 INTERCHANGE BLVD., ORLANDO BEACH, FL 32774
 (386) 677-2482 FAX (386) 677-2505
 ST. AUGUSTINE
 4475 U.S. 1 S. STE # 601 ST. AUGUSTINE, FL 32086
 (904) 797-1610 FAX (904) 797-4159
 AMELIA ISLAND
 814 ATLANTIC AVE., STE 202 FERNANDA BEACH, FL 32044
 (904) 481-5438 FAX (904) 481-4159

| NO. | DATE | DESCRIPTION |
|-----|----------|---|
| 1 | 2-15-16 | REVISED PER FOOT COMMENTS DATED 2-15-16 |
| 2 | 3-15-16 | REVISED PER FOOT COMMENTS DATED 3-15-16 |
| 3 | 4-15-16 | REVISED PER FOOT COMMENTS DATED 4-15-16 |
| 4 | 12-18-16 | REVISED PER CITY REQUEST |
| 5 | 3-15-16 | REVISED PER FOOT COMMENTS DATED 3-15-16 |
| 6 | 4-15-16 | REVISED PER FOOT COMMENTS DATED 4-15-16 |

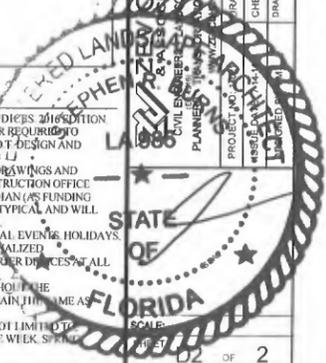
**US 1 AND SR442 BEAUTIFICATION
 LANDSCAPE PLANS
 MAINTENANCE OF TRAFFIC**

CITY OF EDGEWATER
 VOLUSIA COUNTY, FLORIDA

COHEN
 & PARTNERS, INC.
 ARCHITECTS
 PLANNERS
 ENVIRONMENTAL
 ENGINEERS



- NOTES**
- M.O.T. SHALL CONFORM TO THE FDOT INDICES AND BE COORDINATE WITH FDOT FOR FINAL M.O.T. DESIGN AND APPROVAL.
 - CONTRACTOR TO PROVIDE M.O.T. SHOP DRAWINGS AND OBTAIN APPROVAL FROM FDOT CONSTRUCTION OFFICE PRIOR TO CONSTRUCTION ON EACH MEDIAN (AS FUNDING ALLOWS). M.O.T. PROVIDED HEREON IS TYPICAL AND WILL APPLY TO EACH MEDIAN CONSTRUCTION.
 - NO LANE CLOSURES DURING CITY SPECIAL EVENTS, HOLIDAYS, PEAK TRAVEL TIMES (6-8 AM, 5-7 PM). SIGNALIZED INTERSECTIONS SHALL BE FREE OF BARRIER DEVICES AT ALL TIMES.
 - THE WORK ZONE SPEED LIMITS THROUGHOUT THE DESIGNATED PROJECT LIMITS WILL REMAIN THE SAME AS THE POSTED 55, 45 & 40 MPH.
 - SPECIAL EVENTS INCLUDE, BUT ARE NOT LIMITED TO, DAYTONA SPEED WEEKS, DAYTONA BIKE WEEK, SPRINT BREAK AND BIKE TOBERUS!





JCY CORNEN & ASSOCIATES, INC. 2014

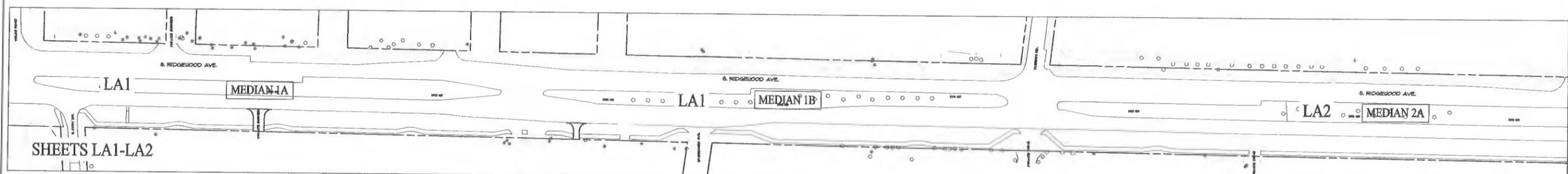
ORLANDO BEACH
300 INTERCHANGE BLVD., ORLANDO BEACH, FL 32774
(386) 877-2442 FAX (386) 877-5005
ST. AUGUSTINE
475 U.S. 1 S. STE 201 ST. AUGUSTINE, FL 32086
(904) 797-1610 FAX (904) 797-1159
AMELIA ISLAND
914 ATLANTIC AVE. STE 207 ORLANDO BEACH, FL 32064
(904) 851-5436 FAX (904) 461-1159

| NO. | DATE | DESCRIPTION |
|-----|---------|--|
| 1 | 2-12-16 | REVISED PER DOT COMMENTS DATED 2-12-16 |
| 2 | 3-1-16 | REVISED PER DOT COMMENTS DATED 3-1-16 |
| 3 | 3-1-16 | REVISED PER DOT COMMENTS DATED 3-1-16 |
| 4 | 3-1-16 | REVISED PER CITY REQUEST |
| 5 | 3-1-16 | REVISED PER DOT COMMENTS DATED 3-1-16 |
| 6 | 4-1-16 | REVISED PER DOT COMMENTS DATED 4-1-16 |

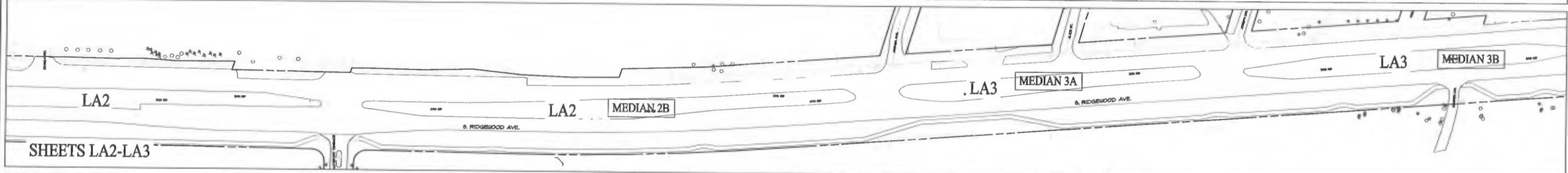
**US 1 AND SR442 BEAUTIFICATION
LANDSCAPE PLANS
LAYOUT SHEET**

JCY CORNEN & ASSOCIATES, INC.
PLANNERS, ENGINEERS, ARCHITECTS
1000 S. GARDNER AVE., SUITE 200
ORLANDO, FL 32817
PROJECT NO. 16-0000-0001
DATE: 12/15/15
DRAWING FILE: 160714

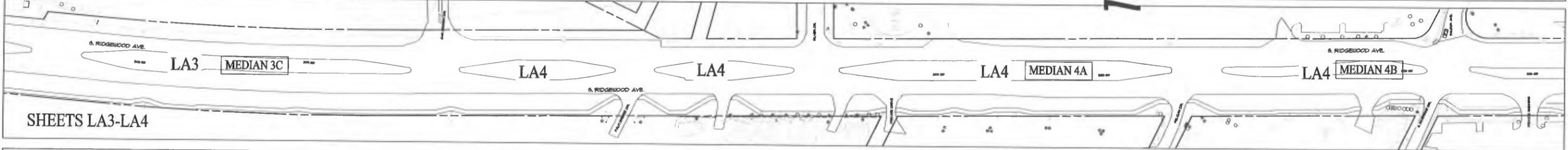
STATE OF FLORIDA
REGISTERED LANDSCAPE ARCHITECT
STEPHEN J. CORNEN
NO. 12457
ISSUED 12/15/15
EXPIRES 12/15/18



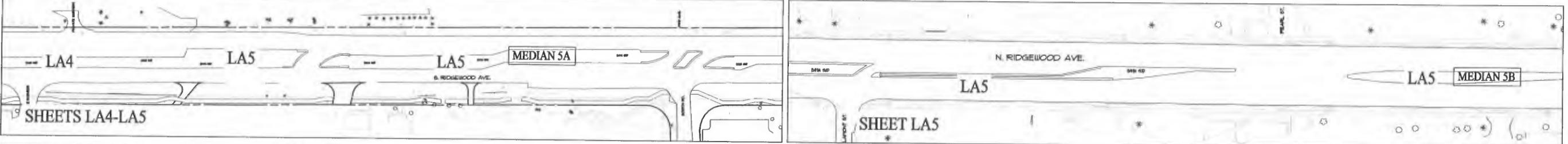
SHEETS LA1-LA2



SHEETS LA2-LA3



SHEETS LA3-LA4

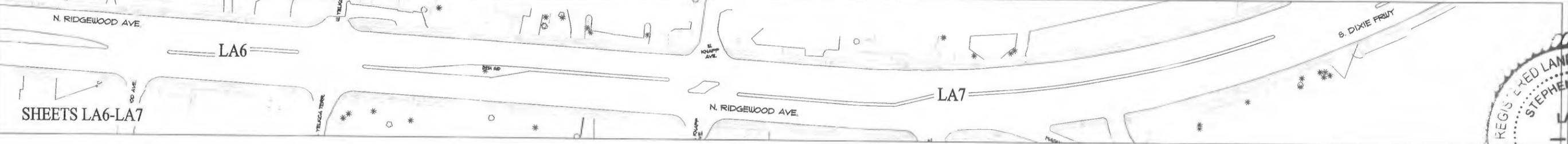


SHEETS LA4-LA5

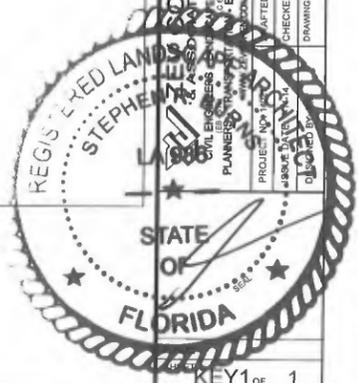
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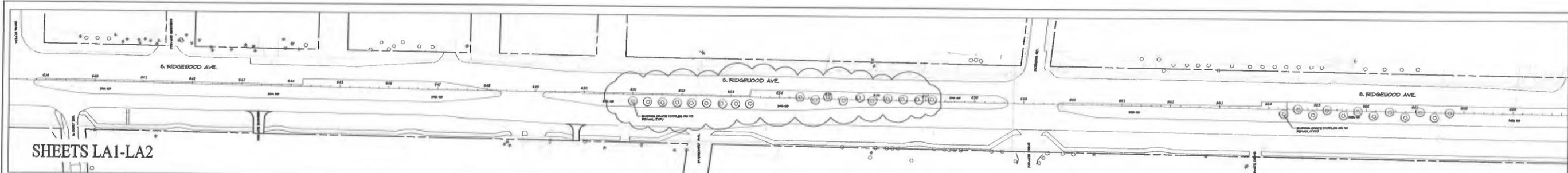


SHEETS LA5-LA6

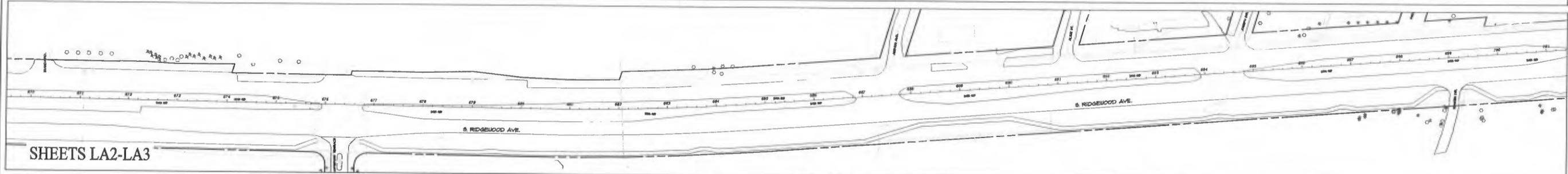


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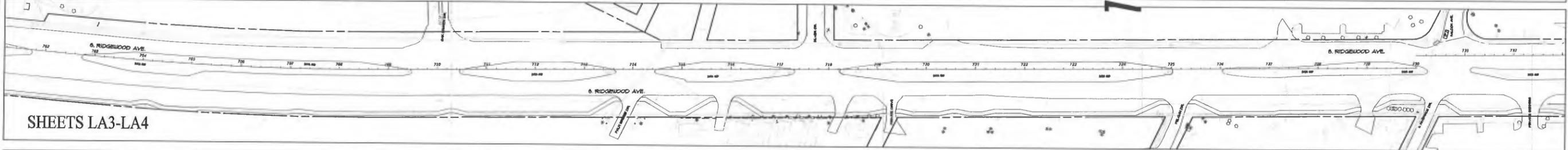




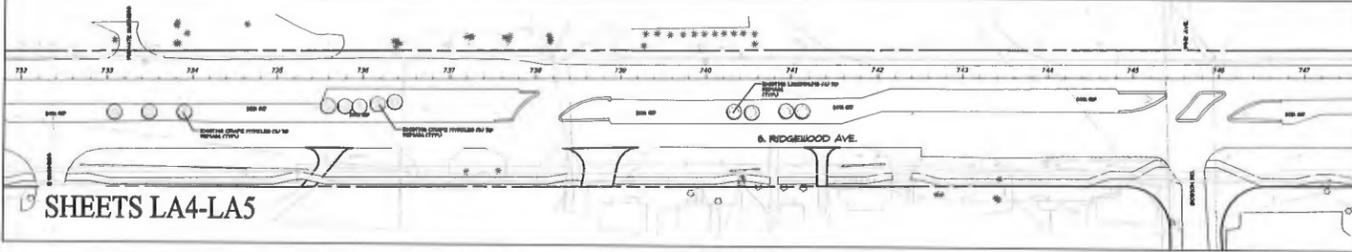
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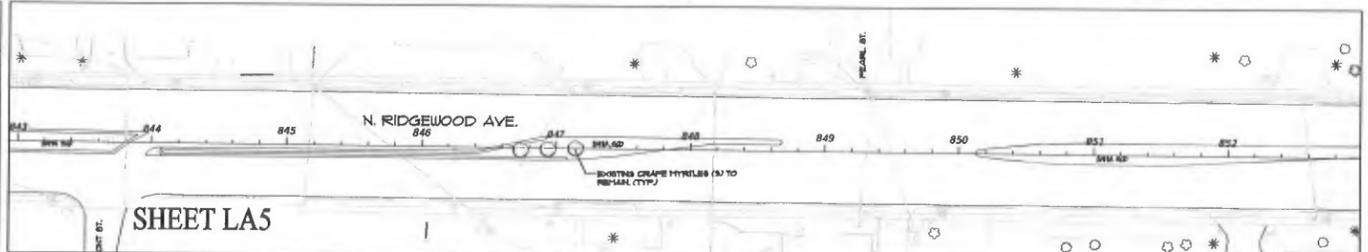
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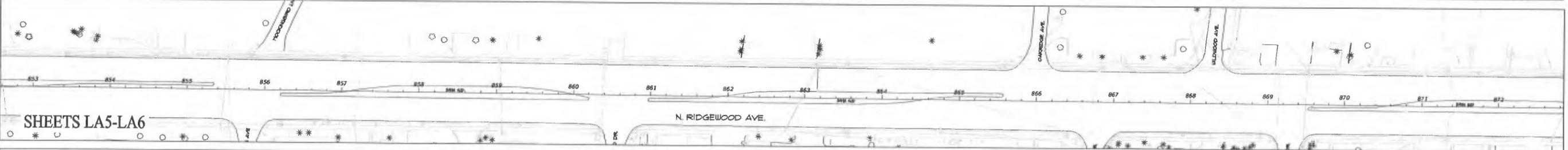
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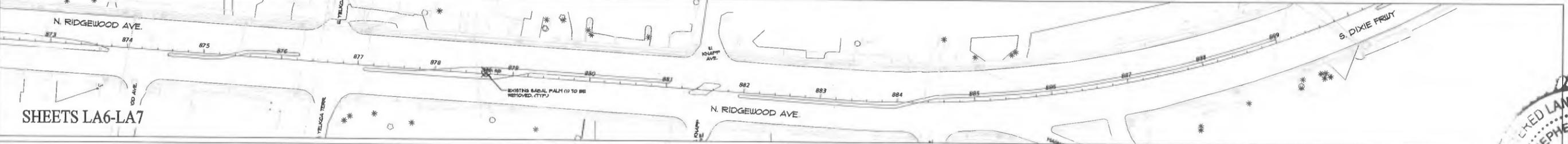
SHEETS LA4-LA5



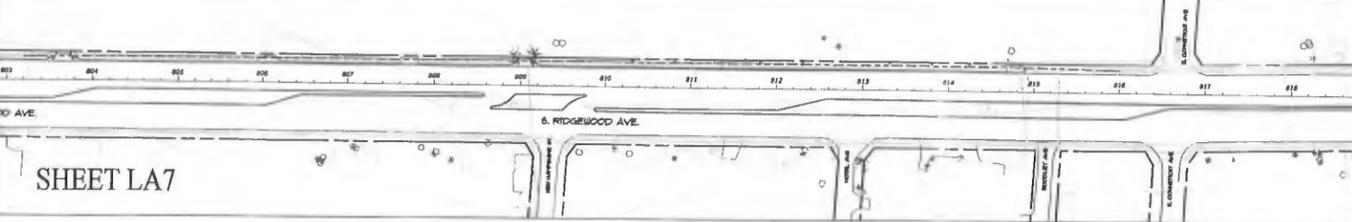
SHEET LA5



SHEETS LA5-LA6



SHEETS LA6-LA7



SHEET LA7

LEGEND

- EXISTING TREE/PALM TO REMAIN
- ⊗ EXISTING TREE/PALM TO BE REMOVED

NOTE: CUT OUT/REMOVE EXISTING SOD FROM PROPOSED NEW LANDSCAPE AREAS



ORMOND BEACH
300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
(386) 877-2442 FAX (386) 877-2505
ST. AUGUSTINE
4475 U.S. 1 S. SITE # 601 ST. AUGUSTINE, FL 32086
(904) 797-1610 FAX (904) 797-1159
AMELIA ISLAND
94 ATLANTIC AVE., STE 20 FERNANDINA BEACH, FL 32044
(904) 491-5435 FAX (904) 491-4159

| NO. | DATE | DESCRIPTION |
|-----|----------|---|
| 1 | 2-15-15 | REVISED PER FOOT COMMENTS DATED 2-15-15 |
| 2 | 4-14-15 | REVISED PER FOOT COMMENTS DATED 4-14-15 |
| 3 | 12-18-15 | REVISED PER CITY REQUEST |
| 4 | 12-18-15 | REVISED PER CITY REQUEST |
| 5 | 2-15-16 | REVISED PER FOOT COMMENTS DATED 2-15-16 |
| 6 | 2-15-16 | REVISED PER FOOT COMMENTS DATED 2-15-16 |

REVISIONS:

**US 1 AND SR442 BEAUTIFICATION
LANDSCAPE PLANS
DEMOLITION PLAN**

CITY OF EDGEWATER
VOLUSIA COUNTY, FLORIDA

JCV COHEN & ASSOCIATES, INC.
PLANNERS, ARCHITECTS, ENGINEERS, ENVIRONMENTAL SCIENTISTS
1000 W. UNIVERSITY BLVD., SUITE 100, DEERFIELD BEACH, FL 33442
TEL: (561) 395-1100 FAX: (561) 395-1101
WWW.JCVCA.COM

PROJECT NO. 15-001
ISSUE DATE: 02/15/16
DRAWN BY: JCV
CHECKED BY: SR/PM
DATE: 02/15/16

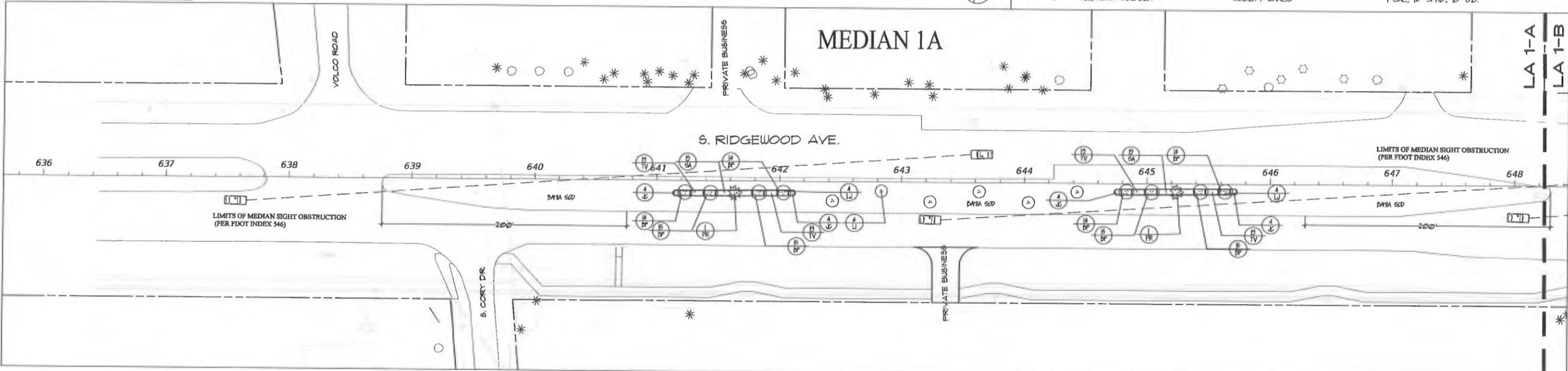
REGISTERED LANDSCAPE ARCHITECT
STEPHEN J. COHEN
STATE OF FLORIDA
NO. 15001

DEM of 1

LA 1-A

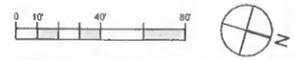
POSTED SPEED 55 MPH

DESIGN SPEED 55 MPH



PLANT LIST: MEDIAN 1A

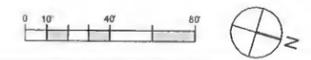
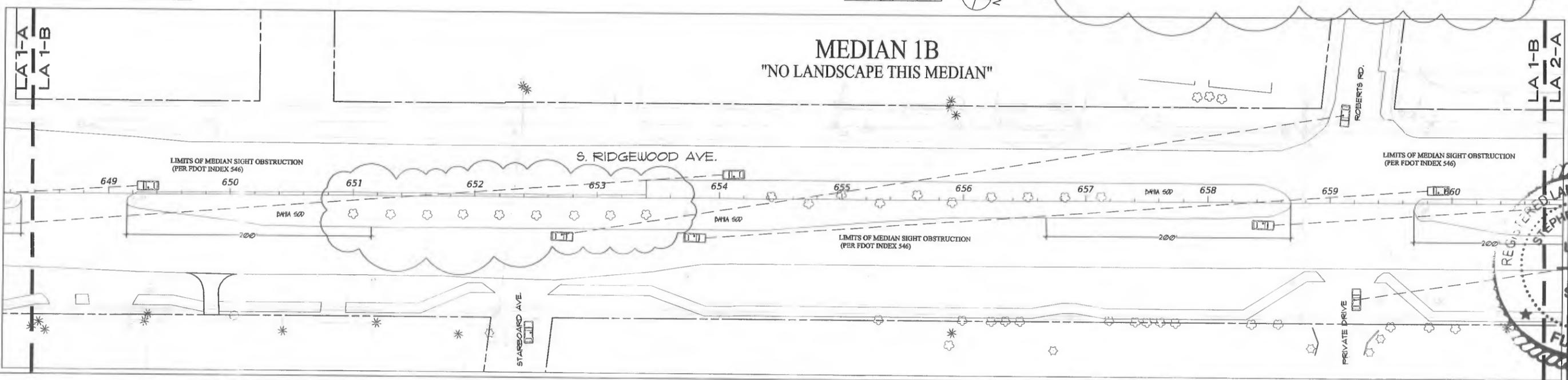
| SPECIES | COMMON NAME | SPECIFICATIONS |
|---------------------------------|---------------------------------|-----------------------|
| PALMS | | |
| FR 2 | PHOENIX RECLINATA | RECLINATA PALM |
| TREES | | |
| LI 6 | LAEERSTROEMIA INDICA 'MUSKOGEE' | LAVENDER GRAPE MYRTLE |
| LI 8 | LEUSTRUM JAPONICUM 'TREE FORM' | LEUSTRUM TREE |
| SHRUBS & GRANDCOVERS | | |
| DF 16 | PULBINE FRUTESCENS | YELLOW PULBINE |
| J 16 | JUNIPERUS CONFERTA | SHORE JUNIFER |
| SA 28 | SHEFFLERA ARBORICOLA 'TRINETTE' | VARIEGATED SHEFFLERA |
| TV 76 | TULBAGHIA VOLAXEA | SOCIETY GARLIC |



LA 1-B

POSTED SPEED 55 MPH

DESIGN SPEED 55 MPH



ORMOND BEACH
300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
(386) 877-2442 FAX (386) 877-2505
ST. AUGUSTINE
4875 U.S. 1 S. SITE # 801 ST. AUGUSTINE, FL 32086
(904) 797-1810 FAX (904) 797-1159
AMELIA ISLAND
914 ATLANTIC AVE., SITE 20 FERNANDINA BEACH, FL 32044
(904) 851-5435 FAX (904) 851-1159

| NO. | DATE | DESCRIPTION |
|-----|---------|---|
| 1. | 3-15-18 | ISSUED PER FDOT COMMENTS DATED 2-15-18 |
| 2. | 3-15-18 | REVISED PER FDOT COMMENTS DATED 2-15-18 |
| 3. | 3-15-18 | REVISED PER FDOT COMMENTS DATED 2-15-18 |
| 4. | 3-15-18 | REVISED PER CITY REQUEST |
| 5. | 3-15-18 | REVISED PER CITY REQUEST |
| 6. | 4-10-18 | REVISED PER FDOT COMMENTS DATED 4-4-18 |

US 1 AND SR442 BEAUTIFICATION
LANDSCAPE PLANS

CITY OF EDGEWATER VOLUSIA COUNTY, FLORIDA

REGISTERED PROFESSIONAL ENGINEER
STEPHEN J. COHEN
STEPHEN J. COHEN & ASSOCIATES, INC.
1000 W. UNIVERSITY BLVD., SUITE 100
GAINESVILLE, FL 32609
TEL: (352) 333-1111 FAX: (352) 333-1112
WWW.SJCENR.COM

PROJECT NO. 18-001
ISSUE NO. 1
CHECKED BY: SRKPM
DRAWING FILE: 14021A

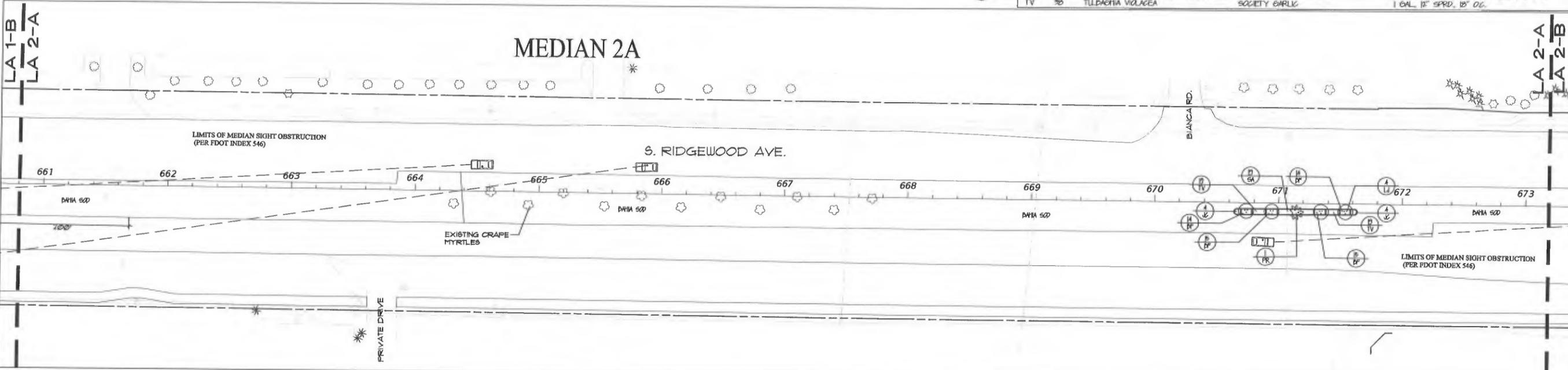
STATE OF FLORIDA

LA1 OF 7

LA 2-A

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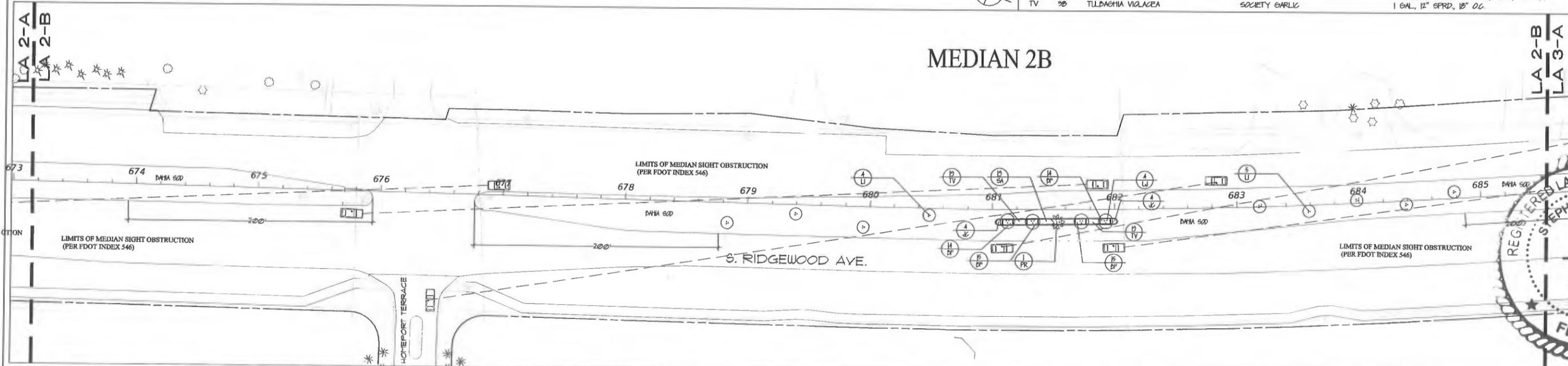
DESIGN SPEED 55 MPH



LA 2-B

POSTED SPEED 55 MPH

DESIGN SPEED 55 MPH



REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|----------|--|
| 1. | 12-15-15 | REVISED PER FDOT COMMENTS DATED 12-15-15 |
| 2. | 1-14-16 | REVISED PER FDOT COMMENTS DATED 1-14-16 |
| 3. | 1-22-16 | REVISED PER CITY REQUEST |
| 4. | 1-22-16 | REVISED PER CITY REQUEST |
| 5. | 3-10-16 | REVISED PER CITY REQUEST |
| 6. | 4-5-16 | REVISED PER FDOT COMMENTS DATED 4-5-16 |

BY: [Signature]
 DATE: [Date]

ORLANDO BEACH, FLORIDA
 300 INTERCHANGE BLVD., ORLANDO BEACH, FL 32174
 (386) 877-2482 FAX (386) 877-2505
 ST. AUGUSTINE
 475 U.S. 1 S. STEELES ST. ST. AUGUSTINE, FL 32086
 (904) 797-8110 FAX (904) 797-4159
 AMELIA ISLAND
 914 ATLANTIC AVE. STEELES TERRACE, AMELIA ISLAND, FL 32004
 (904) 891-5438 FAX (904) 451-1159

US 1 AND SR442 BEAUTIFICATION LANDSCAPE PLANS

VOLUSIA COUNTY, FLORIDA
 CITY OF EDGEWATER

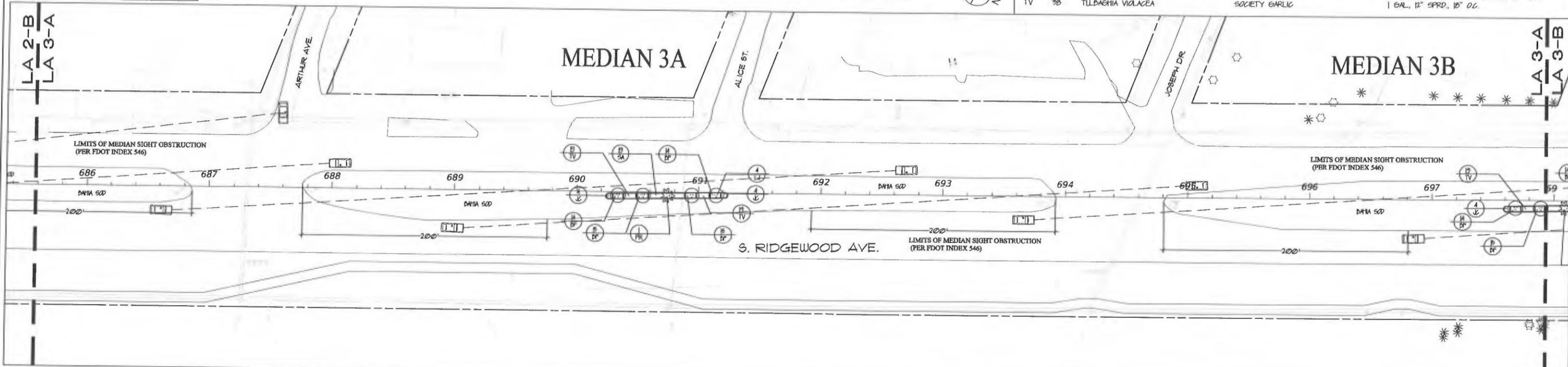
REGISTERED LANDSCAPE ARCHITECT
 STATE OF FLORIDA
 STEPHEN L. ZYDEN, INC.
 1000 W. UNIVERSITY BLVD., SUITE 200, GAITHERSBURG, MD 20878
 (301) 841-1111
 PROJECT NO. [Number] ISSUED BY: [Name] CHECKED BY: [Name]
 DATE: [Date] DRAWING FILE: [Number]

STATE OF FLORIDA
 REGISTERED LANDSCAPE ARCHITECT
 STEPHEN L. ZYDEN, INC.
 1000 W. UNIVERSITY BLVD., SUITE 200, GAITHERSBURG, MD 20878
 (301) 841-1111

LA 3-A

POSTED SPEED 55 MPH

DESIGN SPEED 55 MPH



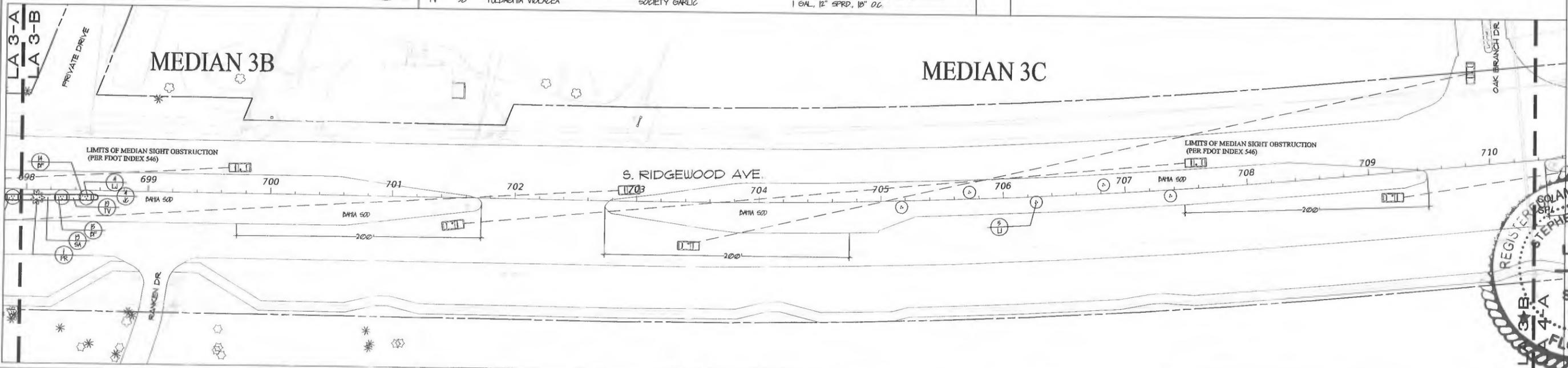
PLANT LIST: MEDIAN 3A

| SPECIES | COMMON NAME | SPECIFICATIONS |
|--|----------------------------------|-----------------------|
| PALMS | | |
| PR 1 | PHOENIX RECLINATA | RECLINATA PALM |
| 10'-12' C.T. HT., MIN. 8-10 TRUNK, 4" MAX. | | |
| TREES | | |
| LJ 4 | LIGUSTRUM JAPONICUM TREE FORM | LIGUSTRUM TREE |
| 12' x 12', M.T., 8.5' C.T., PRUNED | | |
| SHRUBS & GRANDCOVERS | | |
| DF 50 | PULPINE FRUTESCENS | YELLOW PULPINE |
| JC 8 | JUNIPERUS CONFERTA | SHORE JUNIPER |
| SA 10 | SCHEFFLERA ARBORICOLA 'TRINETTE' | VARIEGATED SCHEFFLERA |
| TV 30 | TULPAGHIA VIOLACEA | SOCIETY GARLIC |
| 3 GAL., 12" HT. X 12" SPRD., FULL, 10" OC. | | |
| 3 GAL., 10" HT. X 10" SPRD., FULL, 30" OC. | | |
| 7 GAL., 10" SPD. X 24" HT., FULL, 20" OC. | | |
| 1 GAL., 12" SPRD., 10" OC. | | |

LA 3-B

POSTED SPEED 55 MPH

DESIGN SPEED 55 MPH



PLANT LIST: MEDIAN 3B

| SPECIES | COMMON NAME | SPECIFICATIONS |
|--|----------------------------------|-----------------------|
| PALMS | | |
| PR 1 | PHOENIX RECLINATA | RECLINATA PALM |
| 10'-12' C.T. HT., MIN. 8-10 TRUNK, 4" MAX. | | |
| TREES | | |
| LJ 4 | LIGUSTRUM JAPONICUM 'TREE FORM' | LIGUSTRUM TREE |
| 12' x 12', M.T., 8.5' C.T., PRUNED | | |
| SHRUBS & GRANDCOVERS | | |
| DF 50 | PULPINE FRUTESCENS | YELLOW PULPINE |
| JC 8 | JUNIPERUS CONFERTA | SHORE JUNIPER |
| SA 10 | SCHEFFLERA ARBORICOLA 'TRINETTE' | VARIEGATED SCHEFFLERA |
| TV 30 | TULPAGHIA VIOLACEA | SOCIETY GARLIC |
| 3 GAL., 12" HT. X 12" SPRD., FULL, 10" OC. | | |
| 3 GAL., 10" HT. X 10" SPRD., FULL, 30" OC. | | |
| 7 GAL., 10" SPD. X 24" HT., FULL, 20" OC. | | |
| 1 GAL., 12" SPRD., 10" OC. | | |

PLANT LIST: MEDIAN 3C

| SPECIES | COMMON NAME | SPECIFICATIONS |
|--|---------------------------------|-----------------------|
| TREES | | |
| LI 5 | LAGERSTROEMIA INDICA 'MUSKOGEE' | LAVENDER GRAPE MYRTLE |
| 65 GAL., 3 1/2" CAL., 12' HT., 8.5' C.T. | | |



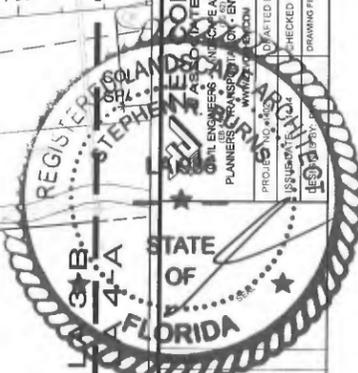
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| NO. | DATE | DESCRIPTION |
|-----|----------|--|
| 1 | 12-15-15 | REVISED PER FDOT COMMENTS DATED 12-15-15 |
| 2 | 12-15-15 | REVISED PER FDOT COMMENTS DATED 12-15-15 |
| 3 | 12-15-15 | REVISED PER CITY REQUEST |
| 4 | 12-15-15 | REVISED PER CITY REQUEST |
| 5 | 12-15-15 | REVISED PER CITY REQUEST |
| 6 | 4-15-18 | REVISED PER FDOT COMMENTS DATED 4-15-18 |

ORMOND BEACH
 300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
 (386) 877-2482 FAX (386) 877-2505
 ST. AUGUSTINE
 475 U.S. 1 S. STE # 801 ST. AUGUSTINE, FL 32086
 (904) 797-1510 FAX (904) 797-1159
 AMELIA ISLAND
 914 ATLANTIC AVE. STE 207 TERRANOWA BEACH, FL 32084
 (904) 481-5436 FAX (904) 481-1159

**US 1 AND SR442 BEAUTIFICATION
LANDSCAPE PLANS**

VOLUSIA COUNTY, FLORIDA
CITY OF EDGEWATER



STEPHEN J. COHEN
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 LICENSE NO. 12512
 PLANNING & ENVIRONMENTAL
 ARCHITECTS
 1000 W. WINDY HILL
 WINTER PARK, FL 32789
 (407) 939-1100
 PROJECT NO. 15-0001
 ISSUED BY: JMS
 CHECKED BY: SBKPM
 DRAWING FILE: 14514

LA3 of 7

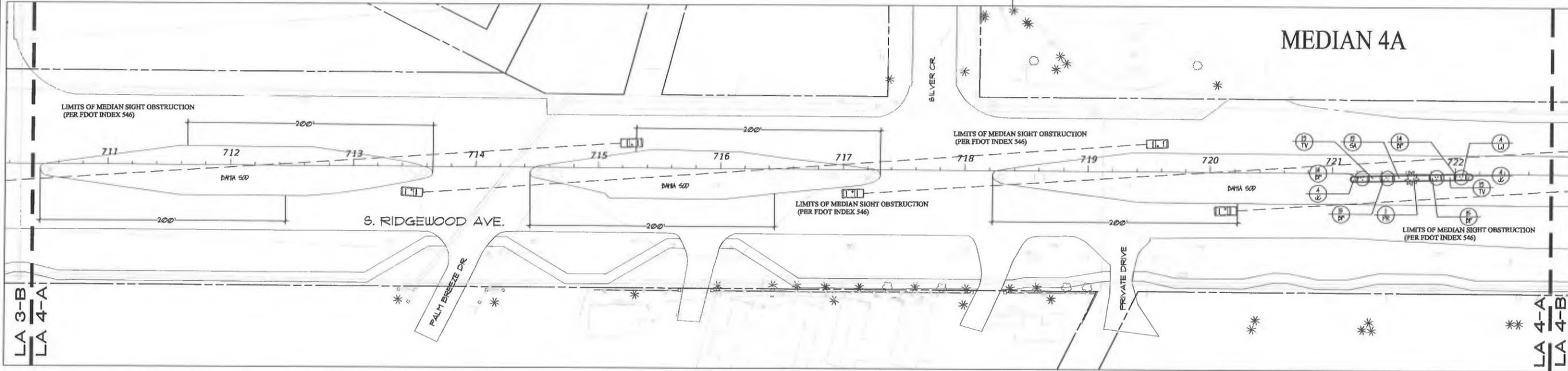
LA 4-A

POSTED SPEED 55 MPH

DESIGN SPEED 55 MPH

PLANT LIST: MEDIAN 4A

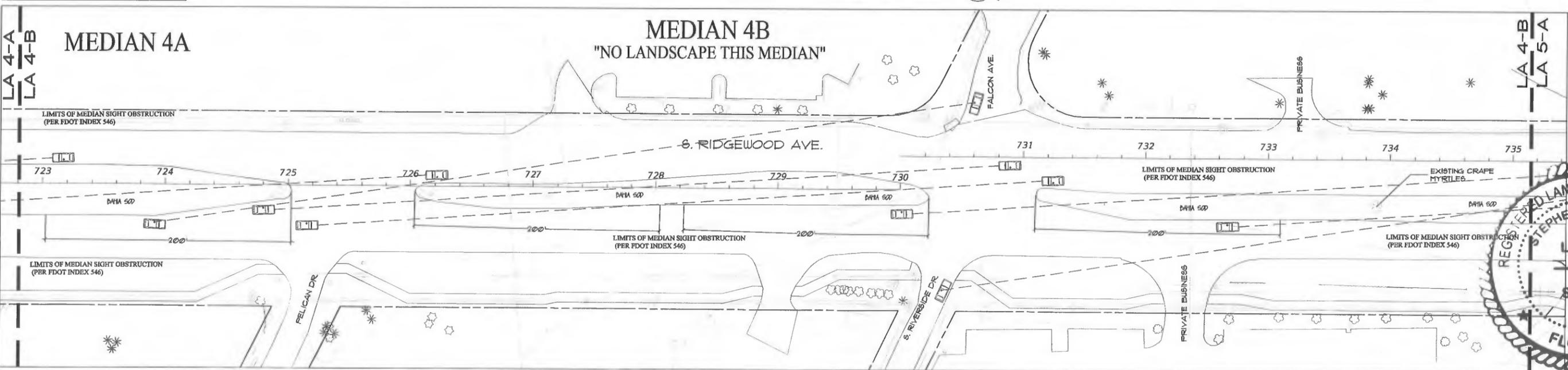
| SPECIES | COMMON NAME | SPECIFICATIONS |
|----------------------------------|----------------------------------|-----------------------|
| PALMS | | |
| PR 1 | PHOENIX RECLINATA | RECLINATA PALM |
| TREES | | |
| LJ 4 | LIEUSTRUM JAPONICUM 'TREE FORM' | LIEUSTRUM TREE |
| SHRUBS & GROUNDCOVERS | | |
| PF 50 | BULPINE FRUTESCENS | YELLOW BULPINE |
| UJ 5 | JUNIPERUS CONFERTA | SHORE JUNIPER |
| SA 10 | SCHEFFLERA ARBORICOLA 'TRINETTE' | VARIEGATED SCHEFFLERA |
| TV 50 | TULDAGHIA VIOLACEA | SOCIETY GARLIC |



LA 4-B

POSTED SPEED 45 MPH

DESIGN SPEED 50 MPH



ORIMOND BEACH
 300 INTERCHANGE BLVD., ORIMOND BEACH, FL 32174
 (386) 877-2482 FAX (386) 877-2505

ST. AUGUSTINE
 472 U.S. 1 & STE 607, ST. AUGUSTINE, FL 32086
 (904) 797-4510 FAX (904) 797-4159

AMELIA ISLAND
 14 ATLANTIC AVE., STE 202 FERNANDINA BEACH, FL 32044
 (904) 481-5438 FAX (904) 481-1159

BY: [Signature]
 DATE: [Date]
 DESCRIPTION: [Description]

REVISIONS:

| NO. | DATE | DESCRIPTION |
|-----|---------|--|
| 1. | 3-12-15 | REVISED PER FDOT COMMENTS, DATED 2-13-15 |
| 2. | 3-12-15 | REVISED PER FDOT COMMENTS, DATED 2-13-15 |
| 3. | 3-12-15 | REVISED PER FDOT COMMENTS, DATED 2-13-15 |
| 4. | 3-12-15 | REVISED PER CITY REQUEST |
| 5. | 3-11-15 | REVISED PER CITY REQUEST |
| 6. | 4-10-15 | REVISED PER FDOT COMMENTS, DATED 4-16 |

US 1 AND SR442 BEAUTIFICATION
LANDSCAPE PLANS

VOLUSIA COUNTY, FLORIDA
 CITY OF EDGEWATER

STEPHEN COHEN ARCHITECTS
 1000 W. UNIVERSITY BLVD., SUITE 100
 GAITHERSBURG, MD 20878
 (301) 251-1100
 WWW.SCA-ARCHITECTS.COM

PROJECT NO. 1501
 DRAWING NO. LA 4 OF 7
 CHECKED BY: SKM
 DRAWING FILE: 14214

STATE OF FLORIDA
 REGISTERED LANDSCAPE ARCHITECT
 STEPHEN COHEN
 LICENSE NO. 1501

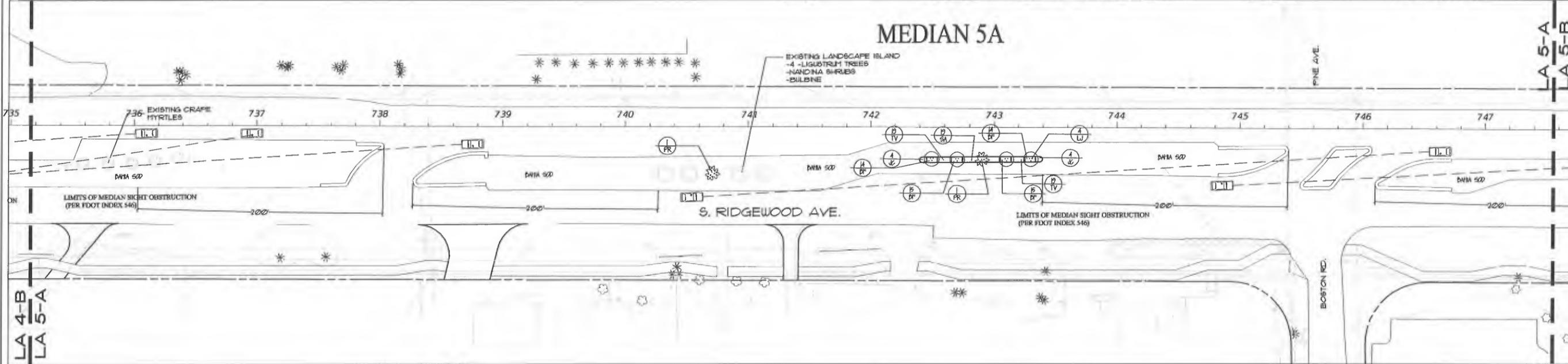
LA 5-A

POSTED SPEED 45 MPH

DESIGN SPEED 50 MPH

PLANT LIST: MEDIAN 5A

| SPECIES | COMMON NAME | SPECIFICATIONS |
|---|---------------------------------|----------------------|
| PALMS | | |
| PR 2 | PHOENIX REQLINATA | REQLINATA PALM |
| 10'-12' G.T. HT., MIN. 8-10" TRUNK, 4" MAX. | | |
| TREES | | |
| LJ 4 | LIGUSTRUM JAPONICUM TREE FORM | LIGUSTRUM TREE |
| 15' x 15', N.T., 8.5' G.T., PRUNED | | |
| SHRUBS & GRASSCOVERS | | |
| DF 5B | PALMIE FRUTESCENS | YELLOW DULPINE |
| JC 5 | JUNIPERUS CONFERTA | SHORE JUNIPER |
| SA 10 | SHEFFLERA ARBORICOLA 'TRINETTE' | VARIEGATED SHEFFLERA |
| TV 5B | TILDIA VILLOSA | SOCIETY GARLIC |
| 3 GAL., 12" HT. X 12" SPRD., FULL, 10" OC. | | |
| 3 GAL., 10" HT. X 10" SPRD., FULL, 20" OC. | | |
| 7 GAL., 10" SPRD. X 24" HT., FULL, 20" OC. | | |
| 1 GAL., 15" SPRD., 10" OC. | | |

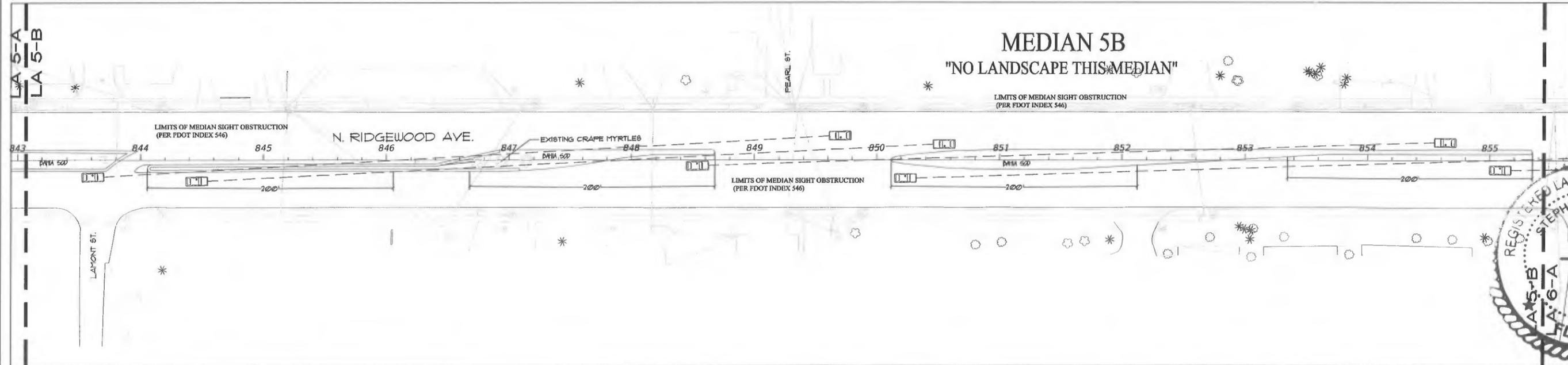


LA 5-B

POSTED SPEED 45 MPH

DESIGN SPEED 50 MPH

MEDIAN 5B "NO LANDSCAPE THIS MEDIAN"



COHEN ENGINEERS & ARCHITECTS, INC.
 300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
 (386) 677-2462 FAX (386) 677-2205
 ST. AUGUSTINE
 4475 U.S. 1 S. STE # 801 ST. AUGUSTINE, FL 32086
 (904) 797-9110 FAX (904) 797-4159
 AMELIA ISLAND
 814 ATLANTIC AVE., STE 201 FERNANDINA BEACH, FL 32044
 (904) 491-5439 FAX (904) 491-4159

REVISIONS:

| NO. | DATE | DESCRIPTION |
|-----|----------|---|
| 1. | 1-13-16 | REVISED PER FOOT COMMENTS DATED 2-13-15 |
| 2. | 1-13-16 | REVISED PER FOOT COMMENTS DATED 2-13-15 |
| 3. | 1-13-16 | REVISED PER FOOT COMMENTS DATED 2-13-15 |
| 4. | 12-18-15 | REVISED PER CITY REQUEST |
| 5. | 1-13-16 | REVISED PER CITY REQUEST |
| 6. | 4-15-16 | REVISED PER FOOT COMMENTS DATED 4-15-16 |

**US 1 AND SR442 BEAUTIFICATION
LANDSCAPE PLANS**

CITY OF EDGEWATER
VOLusia COUNTY, FLORIDA

REGISTERED LANDSCAPE ARCHITECT
STEPHEN J. COHEN
 STATE OF FLORIDA
 PROJECT NO. 16-0000000000
 DRAFTED BY: AKS
 CHECKED BY: SRKPM
 DRAWING FILE: 14212LA

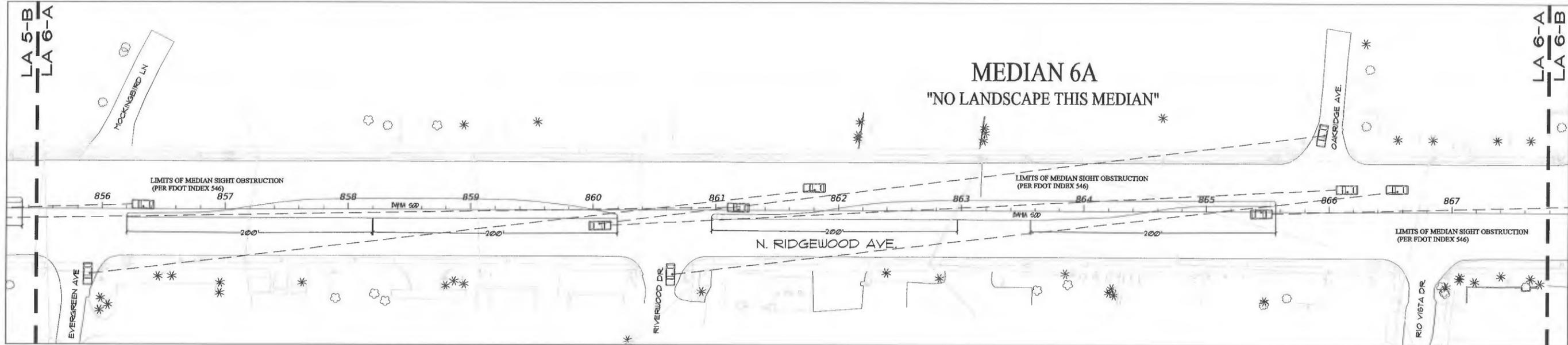
LA 5-B
LA 5-A
LA 6-A
LA 6-B
LA 6-C
LA 6-D
LA 6-E
LA 6-F
LA 6-G
LA 6-H
LA 6-I
LA 6-J
LA 6-K
LA 6-L
LA 6-M
LA 6-N
LA 6-O
LA 6-P
LA 6-Q
LA 6-R
LA 6-S
LA 6-T
LA 6-U
LA 6-V
LA 6-W
LA 6-X
LA 6-Y
LA 6-Z

LA 5 OF 7

LA 6-A

POSTED SPEED 45 MPH

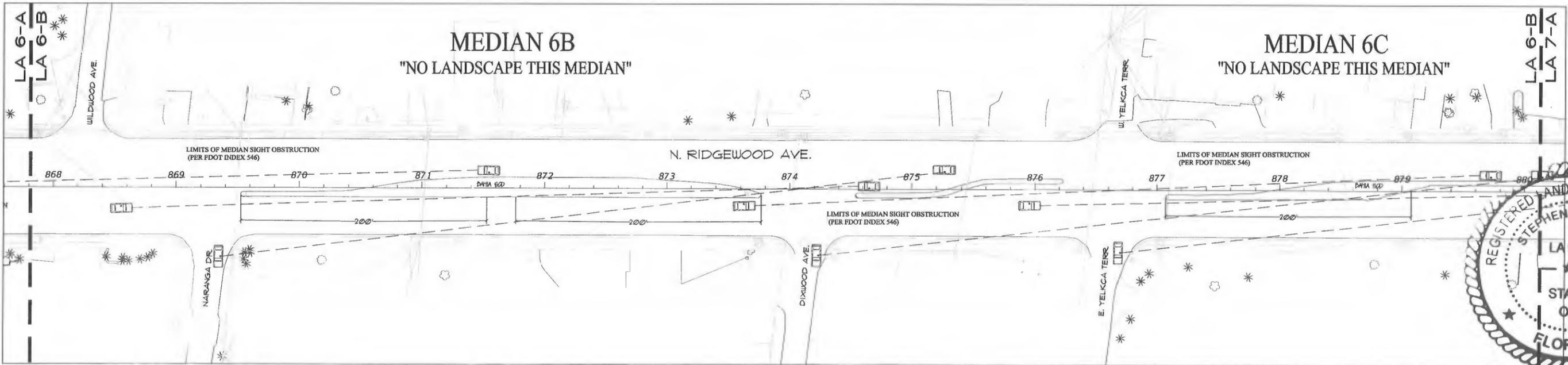
DESIGN SPEED 50 MPH



LA 6-B

POSTED SPEED 45 MPH

DESIGN SPEED 50 MPH



ORMOND BEACH
300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
(386) 877-2482 FAX (386) 877-2505
ST. AUGUSTINE
4175 U.S. 1 S. STE # 801 ST. AUGUSTINE, FL 32086
(904) 797-1810 FAX (904) 797-4159
AMELIA ISLAND
914 ATLANTIC AVE., STE 202 FERNANDINA BEACH, FL 32064
(904) 487-5428 FAX (904) 487-4159

| NO. | DATE | DESCRIPTION |
|-----|----------|---|
| 1 | 3-15-18 | REVISED PER FOOT COMMENTS DATED 2-23-18 |
| 2 | 4-4-18 | REVISED PER FOOT COMMENTS DATED 4-14-18 |
| 3 | 4-11-18 | REVISED PER CITY REQUEST |
| 4 | 12-14-18 | REVISED PER CITY REQUEST |
| 5 | 3-18-19 | REVISED PER CITY REQUEST |
| 6 | 4-15-19 | REVISED PER FOOT COMMENTS DATED 4-15-19 |

US 1 AND SR442 BEAUTIFICATION
LANDSCAPE PLANS

CITY OF EDGEWATER
VOLUSIA COUNTY, FLORIDA

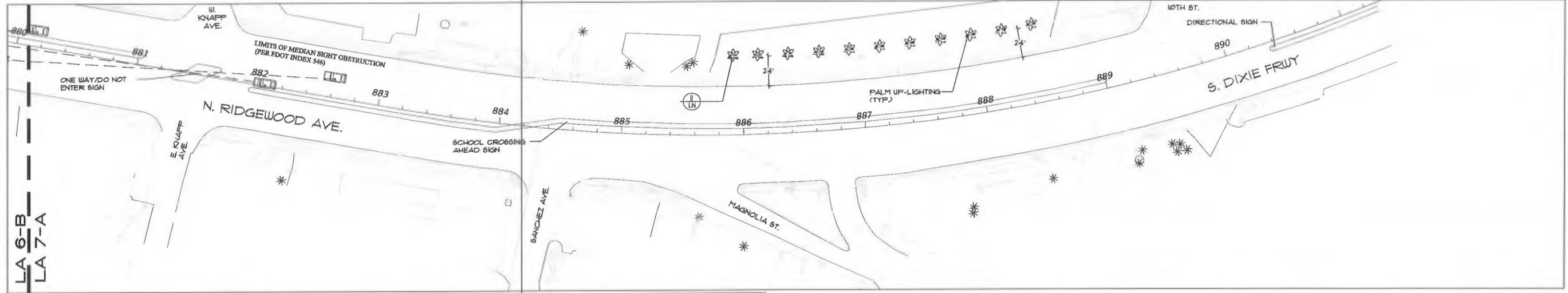
COHEN LANDSCAPE ARCHITECTS, INC.
REGISTERED LANDSCAPE ARCHITECTS
1000 W. UNIVERSITY BLVD., SUITE 100
GAINESVILLE, FLORIDA 32609
TEL: 352-333-1111 FAX: 352-333-1112
WWW.COHENLANDSCAPEARCHITECTS.COM

UNRAFTED BY: AS
CHECKED BY: SWPM
DRAWING FILE: 162124

REGISTERED LANDSCAPE ARCHITECT
STEPHEN J. COHEN
STATE OF FLORIDA

LA 7-A

LA 6-B
LA 7-A



POSTED SPEED 45 MPH

DESIGN SPEED 50 MPH

POSTED SPEED 40 MPH

DESIGN SPEED 45 MPH

PLANT LIST - 10TH ST PARK

| SPECIES | COMMON NAME | SPECIFICATIONS |
|---------|------------------|--------------------------------------|
| PALMS | | |
| LN II | LIVISTONA NITIDA | CARNARVON GORGE PALM 14' GT. MATCHED |



ORMOND BEACH
300 INTERCHANGE BLVD. ORMOND BEACH, FL 32174
(386) 977-2462 FAX (386) 977-2505
ST. AUGUSTINE
4476 U.S. 1 S. STE F FORT ST. AUGUSTINE, FL 32086
(904) 797-1610 FAX (904) 797-4159
AMELIA ISLAND
94 ATLANTIC AVE. STE 20 FERNANDINA BEACH, FL 32064
(904) 497-5435 FAX (904) 481-4159

| NO. | DATE | DESCRIPTION |
|-----|----------|--|
| 1 | 12-18-14 | REVISED PER POST COMMENTS DATED 12-18-14 |
| 2 | 1-4-15 | REVISED PER FOOT COMMENTS DATED 1-4-15 |
| 3 | 1-21-15 | REVISED PER FOOT COMMENTS DATED 1-21-15 |
| 4 | 1-21-15 | REVISED PER CITY REQUEST |
| 5 | 1-21-15 | REVISED PER CITY REQUEST |
| 6 | 1-21-15 | REVISED PER FOOT COMMENTS DATED 1-21-15 |

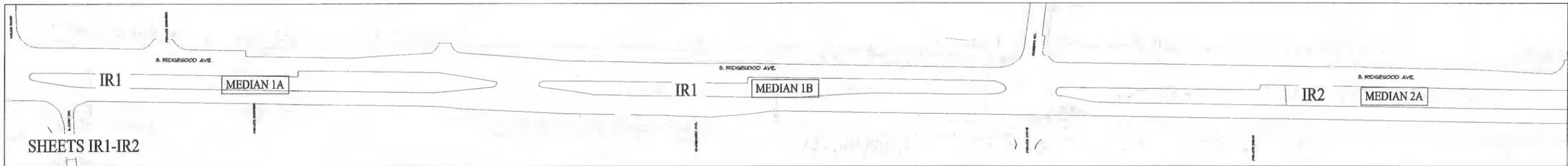
US 1 AND SR442 BEAUTIFICATION
LANDSCAPE PLANS

CITY OF EDGEWATER VOLUSIA COUNTY, FLORIDA

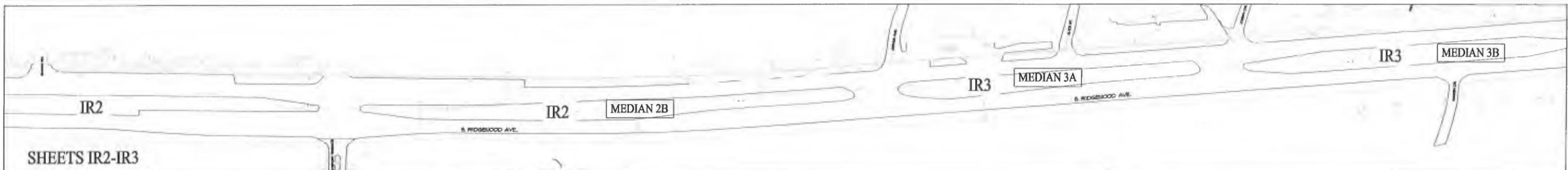


COHEN
STEPHEN R. COHEN ARCHITECTS, INC.
1000 W. UNIVERSITY BLVD. SUITE 100
ORLANDO, FL 32817
TEL: (407) 253-1111 FAX: (407) 253-1112
WWW.SRCA.COM

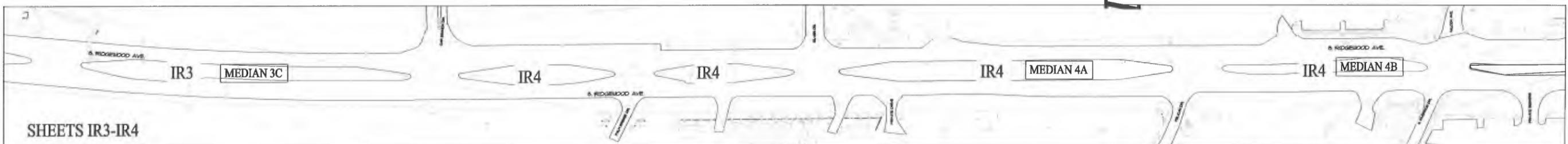
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CHECKED BY: SRKPM
DRAWING FILE: 14211A



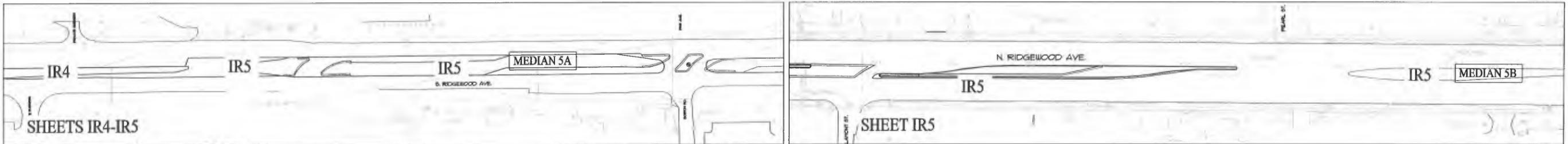
SHEETS IR1-IR2



SHEETS IR2-IR3



SHEETS IR3-IR4

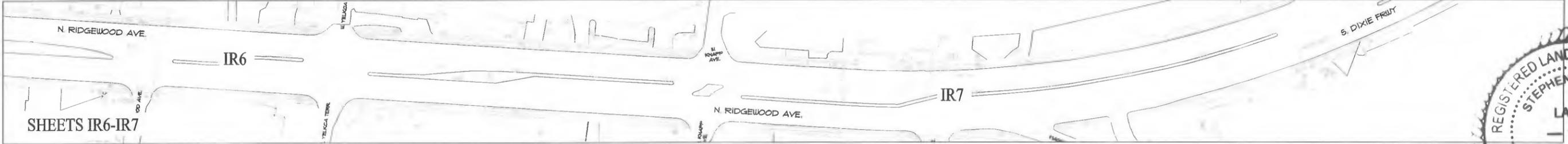


SHEETS IR4-IR5

SHEET IR5



SHEETS IR5-IR6



SHEETS IR6-IR7

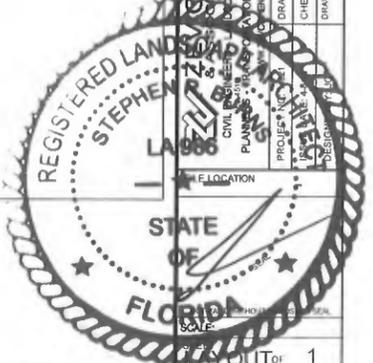


ORMOND BEACH
300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
(386) 677-2482 FAX (386) 677-2505
ST. AUGUSTINE
4475 U.S. 1 S. STE # 801 ST. AUGUSTINE, FL 32086
(904) 797-1610 FAX (904) 797-4159
AMELIA ISLAND
34 ATLANTIC AVE. STE 20 FERNANDINA BEACH, FL 32044
(904) 491-5435 FAX (904) 491-1159

| NO. | DATE | DESCRIPTION |
|-----|----------|--------------------------|
| 1. | 12-18-10 | REVISED PER CITY REQUEST |
| 2. | 12-18-10 | REVISED PER CITY REQUEST |

US 1 AND SR42 BEAUTIFICATION
IRRIGATION PLANS
LAYOUT SHEET

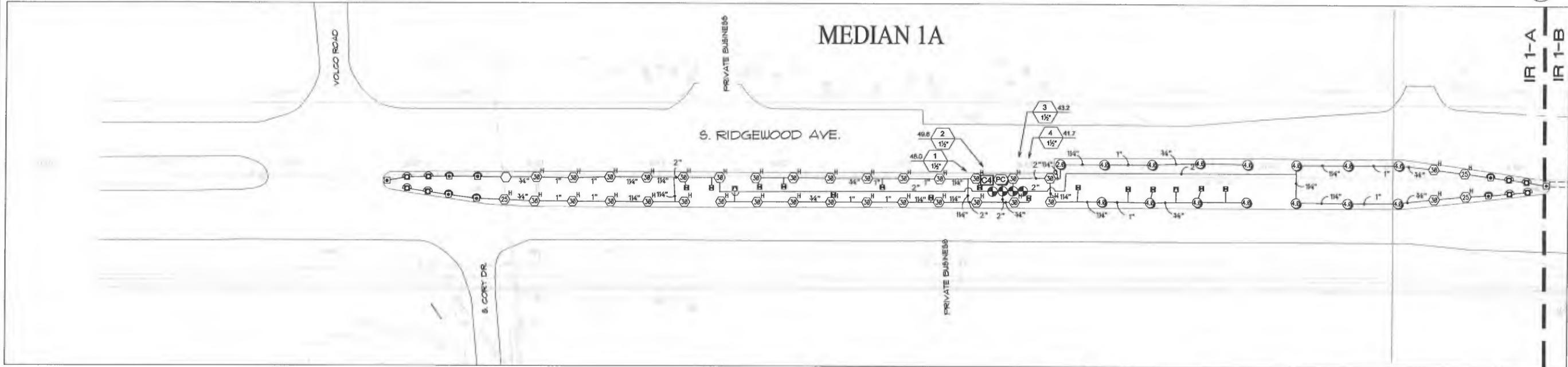
CITY OF EDGEWATER
VOLUSIA COUNTY, FLORIDA



IR 1-A

POSTED SPEED 55 MPH

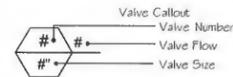
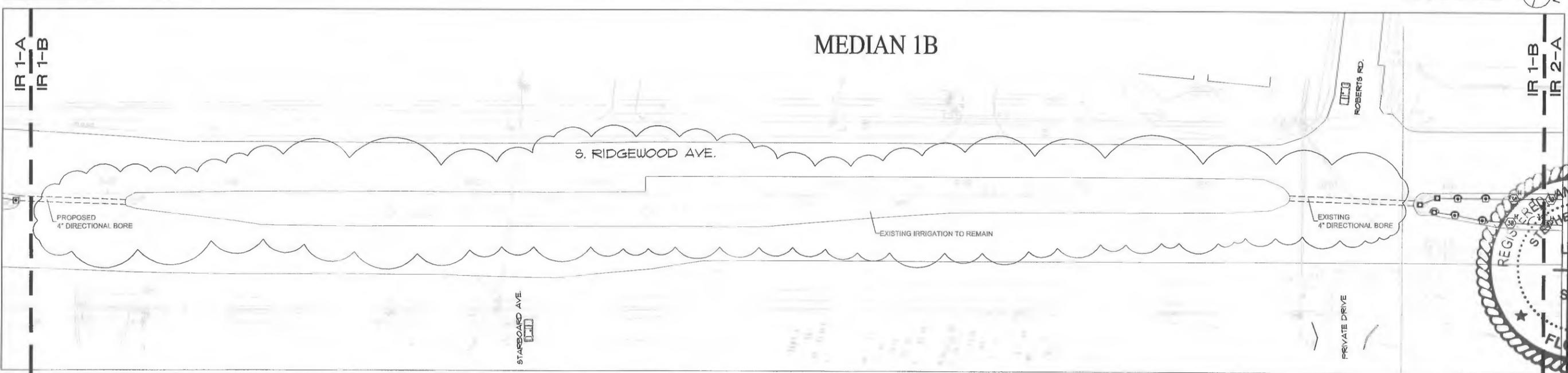
DESIGN SPEED 55 MPH



IR 1-B

POSTED SPEED 55 MPH

DESIGN SPEED 55 MPH



| NO. | DATE | DESCRIPTION |
|-----|----------|-------------------------|
| 1 | 12/18/15 | ISSUED PER CITY REQUEST |
| 2 | 1/18/16 | ISSUED PER CITY REQUEST |

| BY | DATE |
|-----|------|
| SMG | |
| JMS | |

REVISIONS:

US 1 AND SR442 BEAUTIFICATION
IRRIGATION PLANS

VOLUSIA COUNTY, FLORIDA

CITY OF EDGEWATER

REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA
NO. 12345
DATE 12/18/15

PROJECT: US 1 AND SR442 BEAUTIFICATION
DRAWING FILE: 10221R_101

DESIGNED BY: JC
CHECKED BY: SMGPM
SCALE:

ORMOND BEACH
300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
(386) 677-2482 FAX (386) 677-2805

ST. AUGUSTINE
4475 U.S. 1 S. STE # 607 ST. AUGUSTINE, FL 32086
(904) 797-1810 FAX (904) 797-4159

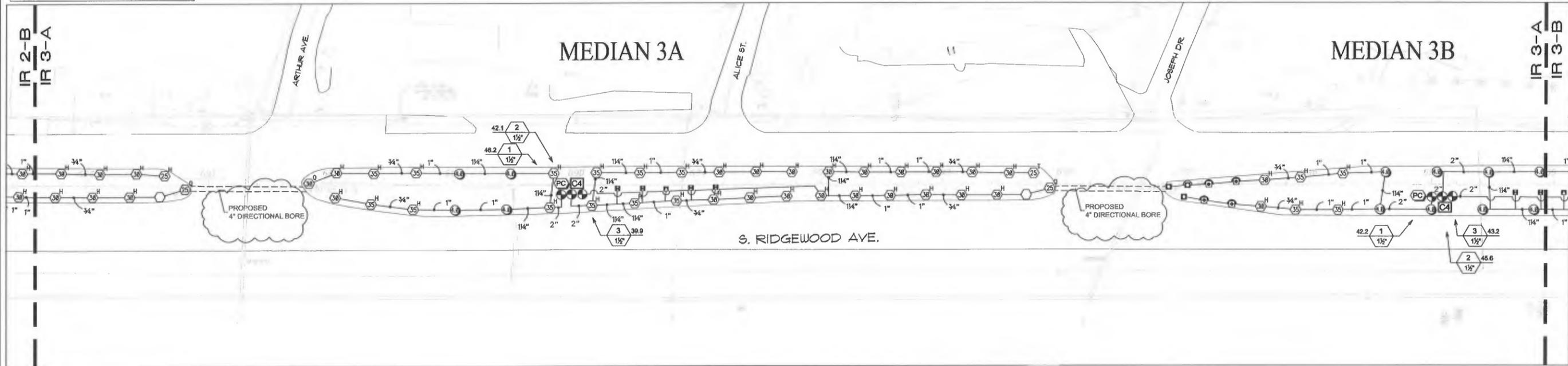
AMELIA ISLAND
39 ATLANTIC AVE., STE 210 FERNANDINA BEACH, FL 32034
(904) 481-5438 FAX (904) 481-1159

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IR 3-A

POSTED SPEED 55 MPH

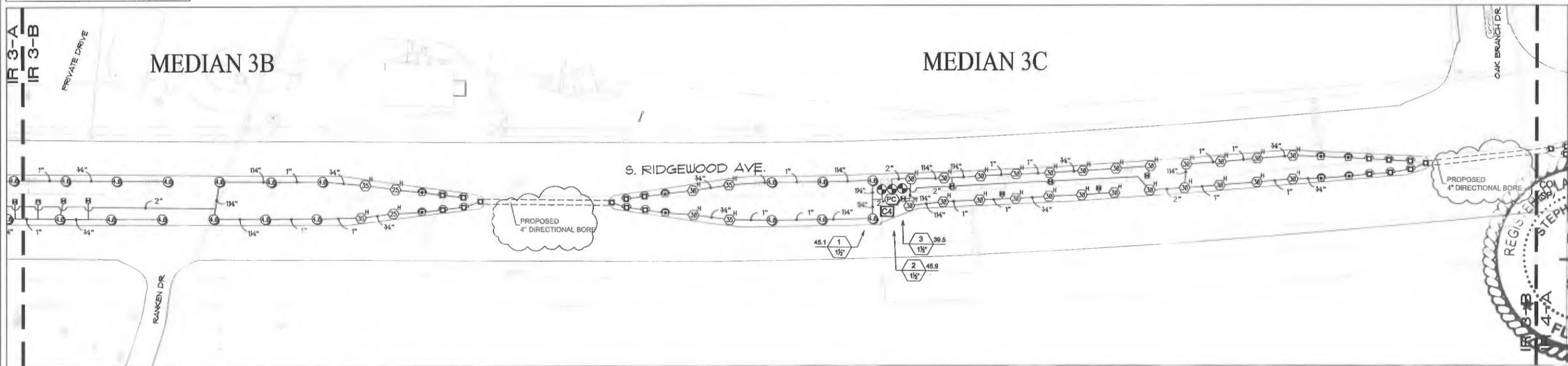
DESIGN SPEED 55 MPH



IR 3-B

POSTED SPEED 55 MPH

DESIGN SPEED 55 MPH



ORMOND BEACH
300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
(386) 877-2482 FAX (386) 877-2595

ST. AUGUSTINE
4475 U.S. 1 S. STE # 801 ST. AUGUSTINE, FL 32086
(904) 797-1810 FAX (904) 797-4159

AMELIA ISLAND
194 ATLANTIC AVE. STE 202 FERNANDINA BEACH, FL 32064
(904) 481-5435 FAX (904) 481-4159

| NO. | DATE | DESCRIPTION |
|-----|----------|--------------------------|
| 1. | 12-18-15 | AWARDED PER CITY REQUEST |
| 2. | 3-15-16 | REVISED PER CITY REQUEST |

REVISIONS:

US 1 AND SR42 BEAUTIFICATION
IRRIGATION PLANS

CITY OF EDGEWATER
VOLUSIA COUNTY, FLORIDA

STEPHEN COHEN & ASSOCIATES, INC.
REGISTERED PROFESSIONAL ENGINEERS IN CIVIL AND ENVIRONMENTAL
PLANNING AND ARCHITECTS

PROJECT NO. 15010
ISSUE DATE: 03/15/16
DRAWING FILE: 14021R_US1

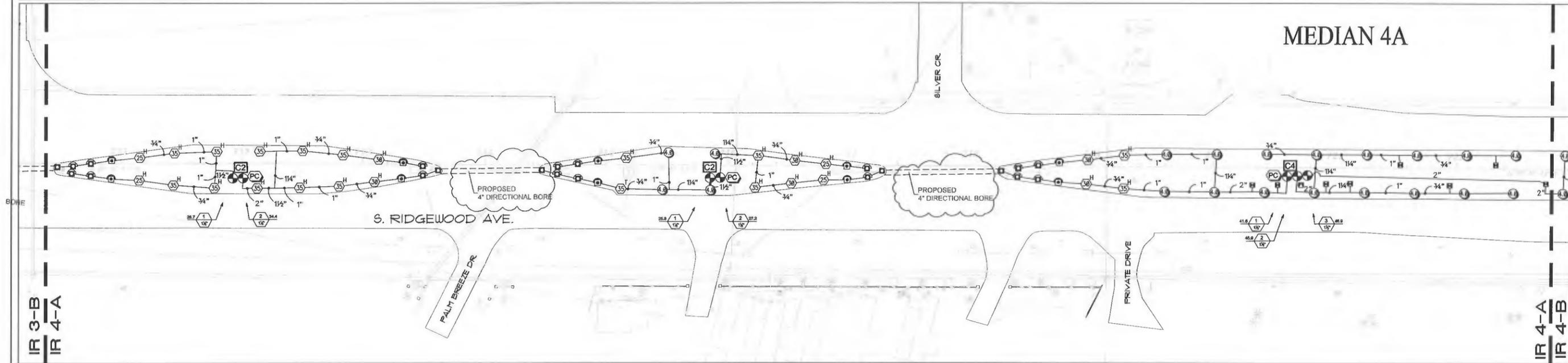
CHECKED BY: SMC/PM
DESIGNED BY: J.C.

STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
STEPHEN COHEN
No. 12488
EXPIRES 12/31/17

IR 4-A

POSTED SPEED 55 MPH

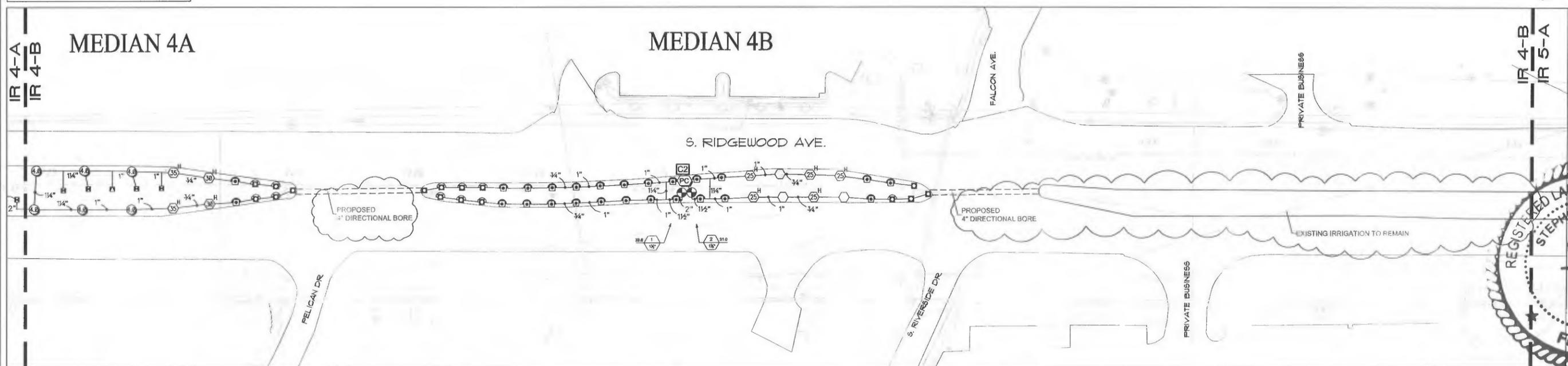
DESIGN SPEED 55 MPH



IR 4-B

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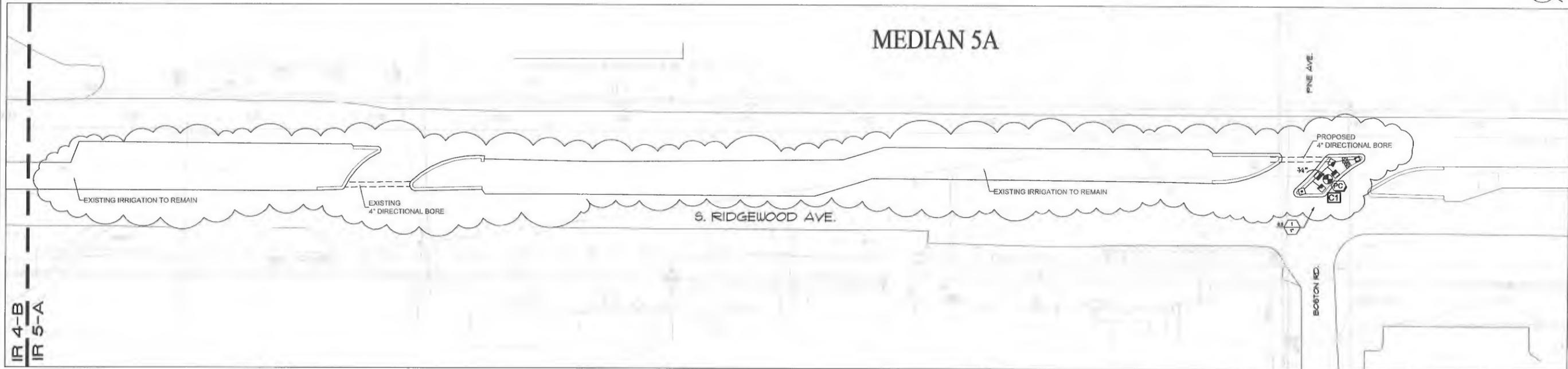
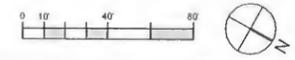
DESIGN SPEED 55 MPH



IR 5-A

POSTED SPEED 45 MPH

DESIGN SPEED 55 MPH

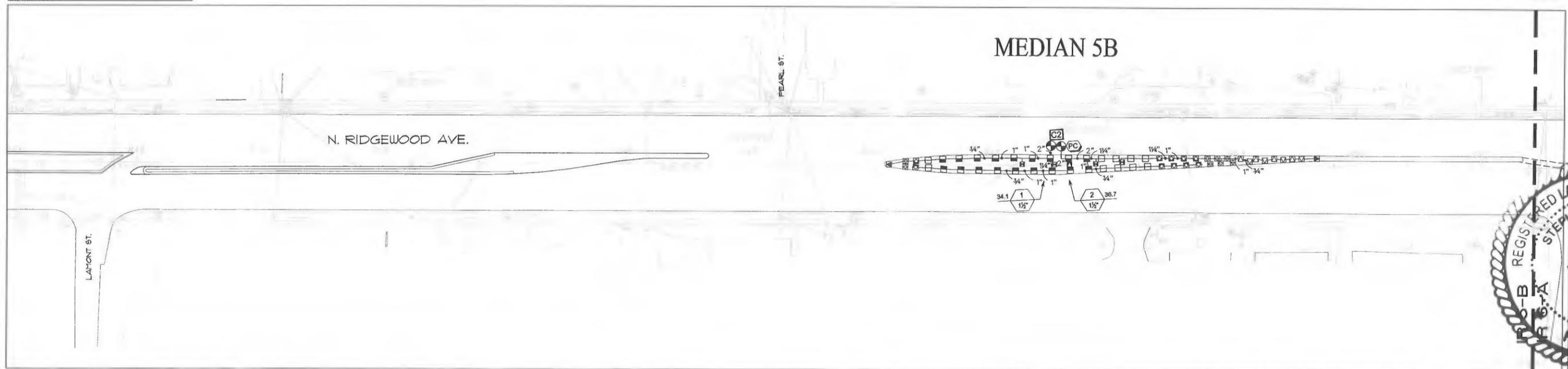
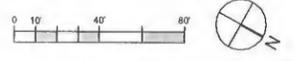


IR 4-B
IR 5-A

IR 5-B

POSTED SPEED 45 MPH

DESIGN SPEED 55 MPH



ORMONDO BEACH
300 INTERCHANGE BLVD., ORMONDO BEACH, FL 32774
(386) 877-2482 FAX (386) 877-2505
ST. AUGUSTINE
4475 U.S. 1 S. STE #201 ST. AUGUSTINE, FL 32086
(904) 797-1810 FAX (904) 797-4159
AMELIA ISLAND
914 ATLANTIC AVE., STE 202 TERREBEACH, FL 32084
(904) 491-5436 FAX (904) 491-4159

| NO. | DATE | DESCRIPTION |
|-----|----------|--------------------------|
| 1 | 12-14-15 | REVISED PER CITY REQUEST |
| 2 | 3-18-16 | REVISED PER CITY REQUEST |

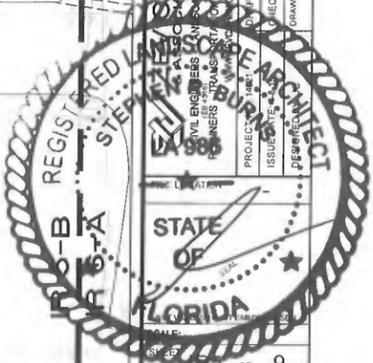
REVISIONS:

US 1 AND SR442 BEAUTIFICATION
IRRIGATION PLANS
CITY OF EDGEWATER
VOLUSIA COUNTY, FLORIDA

SOHEN ENGINEERS & ARCHITECTS
1000 W. UNIVERSITY BLVD., SUITE 100
ORLANDO, FLORIDA 32817
TEL: (407) 253-1100
WWW.SOHEN.COM

PROJECT: US 1 AND SR442 BEAUTIFICATION
ISSUED: 03/18/16
CHECKED BY: SWBPM
DRAWING FILE: 14211P.LOT1

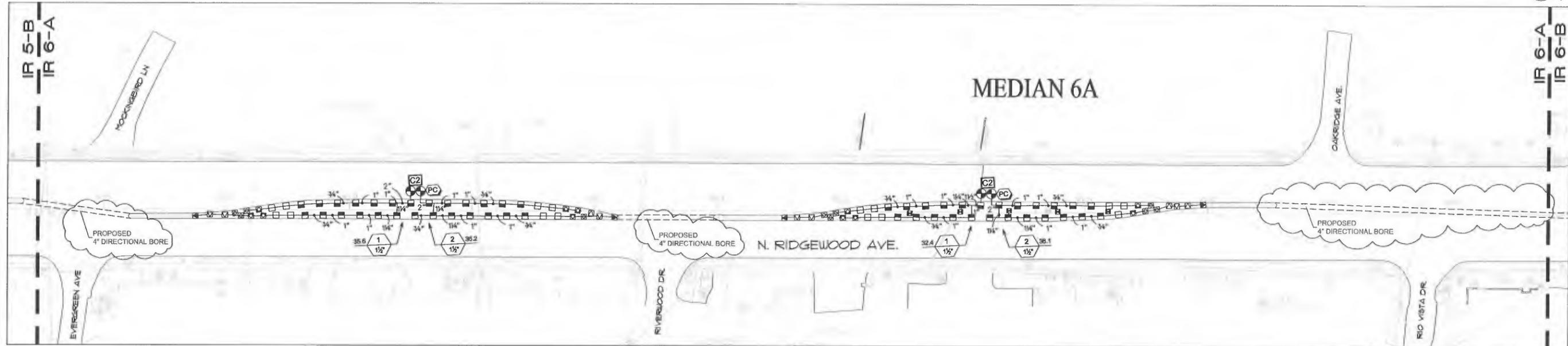
STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
NO. 12111
EXPIRES 12/31/17



IR 6-A

POSTED SPEED 45 MPH

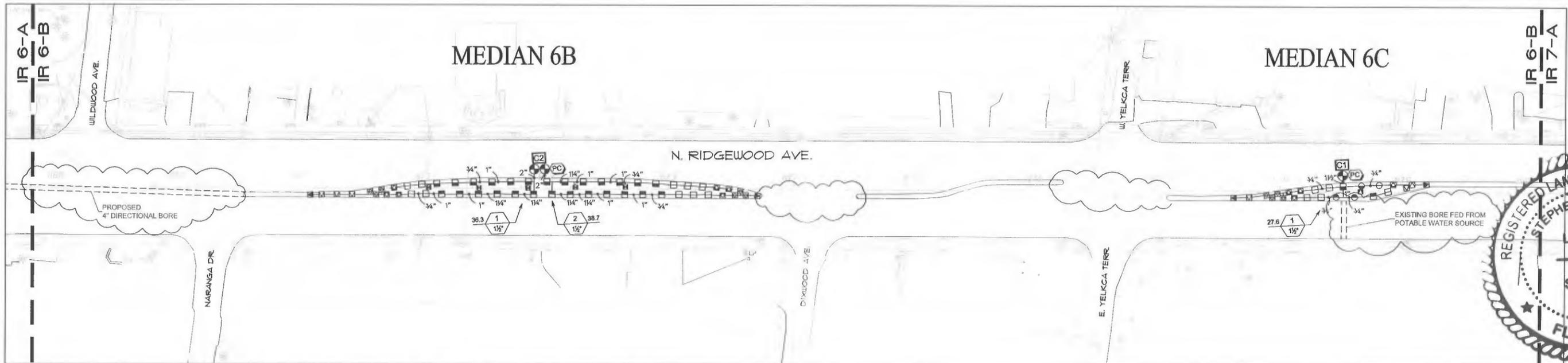
DESIGN SPEED 55 MPH



IR 6-B

POSTED SPEED 45 MPH

DESIGN SPEED 55 MPH



ORMOND BEACH
300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
(386) 877-2482 FAX (386) 877-2505
ST. AUGUSTINE
4476 U.S. 1 S. STE # 801 ST. AUGUSTINE, FL 32086
(904) 797-1610 FAX (904) 797-1159
AMELIA ISLAND
914 ATLANTIC AVE., STE 250 FERNANDINA BEACH, FL 32044
(904) 481-5438 FAX (904) 481-4159

| NO. | DATE | DESCRIPTION |
|-----|----------|------------------------|
| 1. | 12-15-18 | AWESD PER CITY REQUEST |
| 2. | 1-15-19 | AWESD PER CITY REQUEST |

US 1 AND SR442 BEAUTIFICATION
IRRIGATION PLANS

CITY OF EDGEWATER
VOLUSIA COUNTY, FLORIDA

REGISTERED LAND SURVEYOR
STEPHEN L. WILSON
STATE OF FLORIDA
PLANNING ENGINEER
PROJECT NO. 18-0000000000
ISSUE DATE: 1/15/19
DRAWING FILE: 1801E1_01
CHECKED BY: SNGPDM
DESIGNED BY: J.C.

IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY | ARC | PSI | GPM | RADIUS |
|--------|--|-----|-----|-----|-------|--------|
| ☒ | Hunter PRO5-06-PR530-R or approved equal 1.5 Strip Series | 10 | 15T | 30 | 0.61 | 4x15' |
| ☒ | Hunter PRO5-06-PR530-R or approved equal 1.5 Strip Series | 23 | 55T | 30 | 1.21 | 4x30' |
| ☒ | Hunter PRO5-06-PR530-R or approved equal 5 Series MPR | 30 | 150 | 30 | 0.52 | 0' |
| ☒ | Hunter PRO5-06-PR530-R or approved equal 10 Series MPR | 31 | 180 | 30 | 0.79 | 10' |
| ☒ | Hunter PRO5-06-PR530-R or approved equal 12 Series MPR | 40 | 180 | 30 | 1.30 | 12' |
| ☒ | Hunter PRO5-06-PR530-R or approved equal 15 Series MPR | 95 | 180 | 30 | 1.85 | 15' |
| ☒ | Hunter PRO5-06-PR530-R or approved equal 15 Series MPR | 2 | 120 | 30 | 1.23 | 15' |
| ☒ | Hunter PRO5-06-PR530-R or approved equal 10 Series VAN | 1 | Adj | 30 | | 10' |
| ☒ | Hunter PRO5-06-PR530-R or approved equal 15 Series VAN | 1 | Adj | 30 | | 15' |
| ☒ | Hunter PRO5-06-PR530-R or approved equal 12 Series MPR | 1 | 180 | 30 | 1.30 | 12' |
| ☒ | Hunter PRO5-06-PR530-R or approved equal 15 Series MPR | 3 | 180 | 30 | 1.85 | 15' |
| ☒ | Hunter PRO5-06-PR540-R MP2000 or approved equal | 30 | CSF | 40 | 0.01 | 17" |
| ☒ | Hunter PRO5-06-PR540-R MP3000 or approved equal | 5 | CSF | 40 | 0.01 | 23" |
| ☒ | Hunter PRO5-06-PR540-R MP2000 or approved equal | 78 | 180 | 40 | 0.92 | 17" |
| ☒ | Hunter PRO5-06-PR540-R MP3000 or approved equal | 105 | 180 | 40 | 1.73 | 23" |
| ☒ | Hunter PRO5-06-PR540-R MP3000 or approved equal | 2 | 90 | 40 | 0.67 | 23" |
| ☒ | Hunter PCB-25 Bubbler or approved equal | 60 | 360 | 30 | 0.25 | 1' |
| ☒ | Two Hunter PCB-25 Bubbler or approved equal | 13 | 360 | 30 | 2x.25 | 1' |
| ☒ | Hunter PRO5-06-PR530-R with subject ARC/RF/RO/II or approved equal | 11 | 360 | 30 | 0.40 | 5' |

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY | PSI | GPM | RADIUS |
|---------|--|-----|-----|------|--------|
| 25" ARC | Hunter PGP-04-CV-R 2.0LA or approved equal | 55 | 45 | 25' | |
| 36" ARC | Hunter PGP-04-CV-R 2.5LA or approved equal | 231 | 45 | 30' | |
| 35" ARC | Hunter PGP-04-CV-R 3.0LA or approved equal | 60 | 45 | 35' | |
| 2.0 | Hunter PGP-04-CV-R 2.0 or approved equal | 5 | 45 | 2.07 | 37' |
| 4.0 | Hunter PGP-04-CV-R 4.0 or approved equal | 125 | 45 | 4.01 | 42' |

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY |
|---|---|------------|
| Area to Receive Drip | Hunter PFD-10-1.2 or approved equal | 3,000 s.f. |
| On-Surface Pressure Compensating Landscape Drip | 0.8GPH emitters at 12.0' O.C. Drip emitters spaced at 16.0' apart, with emitters offset for triangular pattern. UV Resistant. | |

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY |
|--------|---|------------|
| ☒ | Hunter ICVTS or approved equal in 10" Purple Valve Box with DC latching solenoid. | 55 |
| ☒ | Hunter ICZ or approved equal in Jumbo Purple Valve Box with DC latching solenoid. | 2 |
| C1 | Hunter NODE-100 or approved equal install in valve box for zone 1. | 3 |
| C2 | Hunter NODE-200 or approved equal install in valve box for zone 2. | 11 |
| C4 | Hunter NODE-400 or approved equal install in valve box for zone 2. | 10 |
| M | Water Meter 2" Potable | 1 |
| BF | Watts 975XL 1" Backflow Preventer or approved equal | 1 |
| PC | Point of Connection into 4" Reclaimed Water Main install 4x2" wet tap and Meco T113 2" reduction valve or approved equal. | 23 |
| F | Future Point of Connection- Install 2" reclaim water main from median and cap for future connection. | 1 |
| 8" | Point of Connection 8" Potable Water Line | 1 |
| 6" | Point of Connection 6" Potable Water Line | 1 |
| --- | Irrigation Lateral Line: PVC Class 200 Purple | 27,500 Lf. |
| --- | Irrigation Mainline: PVC 2" Class 200 Purple | 1,300 Lf. |
| --- | Directional Bore: HDPE 3.00 IPS directional bore: sand per plan. Extend bore a minimum of 30' past landscape. | |

IRRIGATION NOTES:

- THE PLANS AND DRAWINGS ARE DIAGRAMMATIC OF THE WORK TO BE PERFORMED. SOME COMPONENTS MAY BE SHOWN OUTSIDE THE WORK AREA FOR CLARITY. THE WORK SHALL BE EXECUTED IN A MANNER TO AVOID CONFLICTS WITH UTILITIES AND OTHER ELEMENTS OF CONSTRUCTION, INCLUDING LANDSCAPE MATERIALS. ALL DEVIATIONS FROM THE PLANS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE BEING INSTALLED. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL ANY ASPECT OF THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS AND DRAWINGS, WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DISCREPANCIES EXIST THAT MIGHT NOT HAVE BEEN KNOWN DURING THE DESIGN OF THE IRRIGATION SYSTEM. IN THE EVENT THAT NOTIFICATION OF THE CONFLICT IS NOT APPROVED BY THE OWNER'S REPRESENTATIVE, THE CONTRACTOR WILL ASSUME FULL RESPONSIBILITY FOR ALL REVISIONS.
- THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PLANS, IRRIGATION SYSTEM SPECIFICATIONS AND ALL CONTRACT DOCUMENTS. THE CONTRACTOR SHALL COMPLY WITH ALL PREVAILING LOCAL CODES, ORDINANCES, AND REGULATIONS.
- CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS, INCLUDING UTILITY LOCATIONS, BEFORE INSTALLATION OF THE IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THE PLANS - CONTRACTOR TO VERIFY. COORDINATE ALL IRRIGATION SYSTEM CONSTRUCTION WITH EXISTING AND NEW PLANTINGS TO AVOID CONFLICT OR INTERFERENCE WITH LOCATION OF PIPING, SLEEVING, CABLES, AND SERVICE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION WITH ALL OTHER CONSTRUCTION ON SITE, ESPECIALLY LANDSCAPE INSTALLATION. IRRIGATION SYSTEM SHALL BE RELOCATED AT NO ADDITIONAL COST FOR ANY CONFLICT WITH LANDSCAPE INSTALLATION OR ANY OTHER SITE CONSTRUCTION OR EXISTING CONDITIONS. ALL COMPONENTS THAT ARE NOT CONTAINED WITHIN THE SPECIFIC AREAS SHOWN OR CALLED OUT ON THE DRAWINGS WILL NOT BE ACCEPTED. ALL PIPING AND OTHER COMPONENTS ARE TO REMAIN WITHIN THE PROPERTY OF THE OWNER.
- WHERE EXISTING OR NEW TREES, LIGHT STANDARDS, SIGNS, ELECTRONIC CONTROLLERS AND/OR OTHER OBJECTS ARE AN OBSTRUCTION TO AN IRRIGATION SPRINKLER'S PATTERN, THE COMPONENT AND PIPING SHALL BE RELOCATED AS NECESSARY TO OBTAIN PROPER COVERAGE OF AN IRRIGATION SPRINKLER'S PATTERN, THE COMPONENT AND PIPING SHALL BE RELOCATED AS NECESSARY TO OBTAIN THE PROPER COVERAGE WITHOUT DAMAGING THE OBSTRUCTION. OWNER'S REPRESENTATIVE SHALL DETERMINE WHETHER AN OBSTRUCTION OCCURS OR NOT.
- COMPONENT SPACINGS ARE MAXIMUM. DO NOT EXCEED SPACINGS SHOWN OR NOTED ON THE PLANS. COMPONENT SPACINGS MAY BE ADJUSTED TO ACCOMMODATE CHANGES IN TERRAIN AND PLANTING LAYOUT AS LONG AS THE MODIFIED SPACINGS DO NOT EXCEED THE SPACINGS SHOWN IN THE PLANS. UNLESS SHOWN OTHERWISE, CONTRACTOR SHALL PROVIDE 100% COVERAGE.
- ALL MATERIALS AND EQUIPMENT SHOWN SHALL BE NEW AND INSTALLED AS DETAILED ON THE PLANS. IF THE DRAWINGS DO NOT THOROUGHLY DESCRIBE THE TECHNIQUES TO BE USED, THE INSTALLER SHALL FOLLOW THE INSTALLATION METHODS AND INSTRUCTIONS RECOMMENDED BY THEIR MANUFACTURER.
- THE LOCATION OF THE IRRIGATION MAINLINE SHALL BE IDENTIFIED IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE INSTALLATION. MAINLINE TO BE INSTALLED A MINIMUM OF FIVE FEET OFF EDGE OF PAVEMENT IN MEDIANS. SHOWN OUTSIDE FOR CLARITY PURPOSES ONLY.
- IRRIGATION CONTRACTOR SHALL ADJUST ALL SPRINKLERS, CONTROLLER AND OTHER DEVICES TO OBTAIN SPECIFIED OPERATING PARAMETERS, INCLUDING COVERAGE, OPERATING PRESSURE, FLOW RATES AND OPERATION TIME, AS INDICATED ON THE DRAWINGS AND IN THE IRRIGATION SYSTEM SPECIFICATIONS.
- CONTRACTOR TO PROVIDE INSTALLATION SHOP DRAWINGS AND MANUFACTURER PRODUCT INFORMATION FOR ALL IRRIGATION COMPONENTS. ALL INSTALLATIONS SHALL BE AS RECOMMENDED BY MANUFACTURERS. THE QUANTITIES SHOWN IN THE LEGENDS AND SYMBOL SHEETS SHALL NOT BE USED FOR BIDDING PURPOSES. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONDUCTING A COMPREHENSIVE MATERIALS TAKEOFF TO DETERMINE THE ACTUAL QUANTITIES OF MATERIAL NECESSARY TO EXECUTE THE WORK DESCRIBED IN THE DOCUMENTS.
- ALL TRENCHES SHALL BE BACKFILLED WITH CLEAN, DEBRIS-FREE MATERIALS. CLEAN SAND SHALL BE USED FOR BEDDING MATERIAL IF PARENT SOIL CANNOT BE ADEQUATELY RID OF ROCK (5/8" AND LARGER) AND OTHER EXTRANEIOUS DEBRIS. PULLING PIPE SHALL BE PROHIBITED.
- ALL SOLVENT WELDING SHALL BE PRECEDED BY PRIMING OF THE FITTINGS AND PIPE AS RECOMMENDED BY THE MANUFACTURER.
- CONTRACTOR TO LABEL ALL VALVE BOX COVERS WITH THE CORRESPONDING CONTROLLER ZONE NUMBER. NUMBERING SIZE 1". ALL VALVE BOXES TO HAVE BOLT DOWN COVER WITH BOLT INSTALLED.
- CONTRACTOR TO PLACE TREE SPRAYS OR BUBBLERS AT OUTER EDGE OF ROOT BALL, NOT OUTER EDGE OF PLANTING HOLE.
- ALL WIRE SPLICES TO BE MADE WITH KINGBLACK WIRE CONNECTORS OR APPROVED EQUAL.
- IRRIGATION CONTRACTOR SHALL INSTALL A IRROMETER WATERMARK 200SS SOIL MOISTURE SENSOR COMPATIBLE WITH DC VOLTAGE FOR EACH CONTROLLER. INSTALL SOIL MOISTURE SENSOR THREE FEET OFF EDGE OF PAVEMENT. LOCATION SHALL BE DOCUMENTED ON AS BUILT PLANS WITH A MINIMUM OF TWO REFERENCE POINTS. INSTALL SOIL MOISTURE SENSOR PER MANUFACTURE SPECIFICATIONS.
- LOCATE ALL VALVES WITH A MINIMUM OFFSET OF 5'-0" FROM BACK OF CURB OR EDGE OF PAVEMENT.
- THE IRRIGATION CONTRACTOR SHALL BE DIRECTLY RESPONSIBLE FOR ALL DIRECTIONAL BORING.
- ALL UN-SIZED PIPE SHALL BE 3/4".
- IRRIGATION LATERAL LINES TO BE BURIED AT A DEPTH OF 16".
- IRRIGATION MAINLINES TO BE BURIED AT A DEPTH OF 20".
- ALL COMPONENTS INSTALLED BY THE IRRIGATION CONTRACTOR, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE EXACT LOCATION AND DEPTH BELOW FINISH GRADE OF ALL COMPONENTS SHALL BE NOTED ON THE "AS-BUILT" DRAWINGS.
- IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE LANDSCAPE SUPERVISOR. WORK IN THE RIGHT OF WAY SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE HIGHWAY JURISDICTION.
- INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY FLOW OF VEHICULAR TRAFFIC AND COMPLETION OF ALL WORK ON THE SITE.
- IRRIGATION CONTRACTOR SHALL CONTACT THE CITY OF EDGEWATER TO COORDINATE INSTALLATION OF POTABLE WATER METER AND BE RESPONSIBLE FOR ALL ASSOCIATED COST FOR THE INSTALLATION.
- THE CITY OF EDGEWATER SHALL BE RESPONSIBLE FOR ALL CONSUMPTION COST FOR WATER SERVICE TO IRRIGATION SYSTEM.
- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COST ASSOCIATED WITH 4"x2" WET TAP INTO 4" RECLAIMED WATER MAIN RUNNING IN MEDIAN. CONNECTION SHALL BE COORDINATED WITH THE CITY OF EDGEWATER.
- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COST ASSOCIATED WITH INSTALLATION OF NEW 8" POTABLE MAIN AS NOTED ON PLAN. COORDINATE INSTALLATION WITH THE CITY OF EDGEWATER. ALL CONNECTION AND INSTALLATION OF THE 8" POTABLE MAIN SHALL BE DONE TO STATE AND LOCAL CODES AND STANDARDS.
- DIRECTIONAL BORES SHALL BE INSTALLED IN ACCORDANCE WITH FDOT SPECIFICATIONS SECTION 555 FOR PRESSURIZED PIPES. INSTALL HDPE X SCHEDULE 40 FUSED ENDS FOR 2" CROSS MEDIAN IN FRONT OF CEMETERY.
- INSTALL RECLAIM WATER ADVISORY SIGNS AT EACH GROUP OF CONTROL VALVES PER LOCAL CODE.



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ANIELLA US LAND
94 ATLANTIC AVE. STE 100 FERNANDINA BEACH, FL 32044
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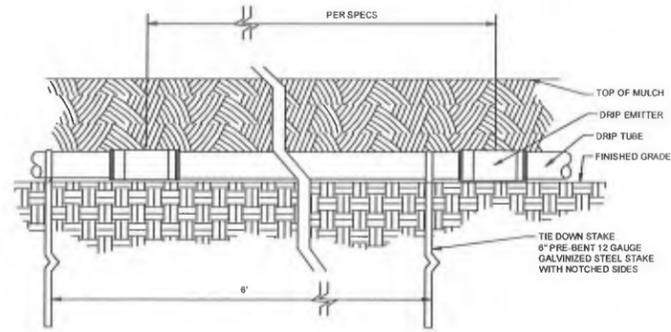
| NO. | DATE | DESCRIPTION |
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| 1. | 12-14-15 | REVISED PER CITY REQUEST |
| 2. | 3-18-16 | REVISED PER CITY REQUEST |

US 1 AND SR442 BEAUTIFICATION IRRIGATION PLANS NOTES & DETAILS

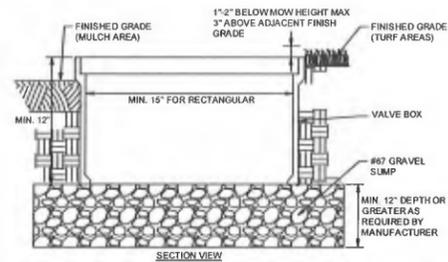
VOLUSIA COUNTY, FLORIDA
CITY OF EDGEWATER



STEPHEN J. COHEN
REGISTERED LAND SURVEYOR
CIVIL ENGINEER
PLANNING ARCHITECTS
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WWW.PAARCHITECTS.COM
PROJECT NO. 15-001
DRAWN BY: J.C.
CHECKED BY: S.M.P.M.
DESIGNED BY: J.C.
DRAWING FILE: 14211R.DWG

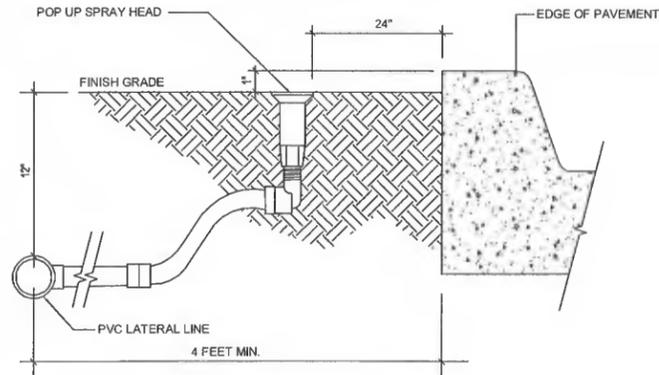


DRIP TUBE ON GRADE WITH MULCH COVER
SCALE: NTS

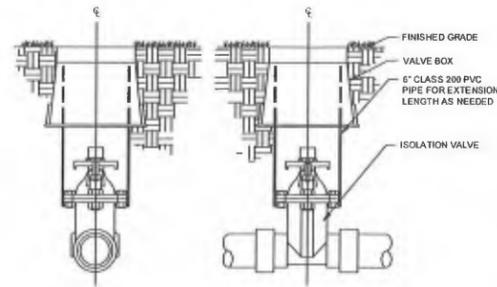


- NOTES
1. INSTALL BOX TOP BETWEEN 1\"/>
 - 2. INSTALL ALL VALVES, QUICK COUPLER VALVES, VIRE SPECS, ETC. IN LANDSCAPED BEDS WHEREVER POSSIBLE AND AS FAR AWAY FROM VEHICULAR TRAVEL LANES AS FEASIBLE.
 - 3. INSTALL ONE VALVE PER VALVE BOX.
 - 4. SEE PLANS FOR BOX LOCATION, SIZE, AND SHAPE.

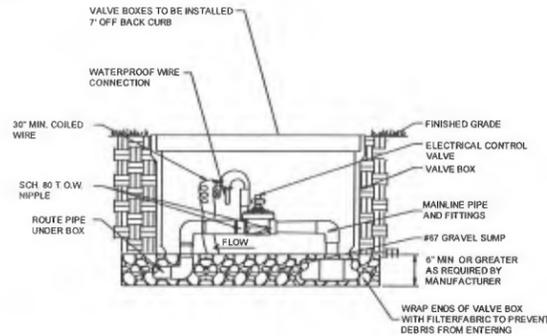
VALVE BOX DETAIL
SCALE: NTS



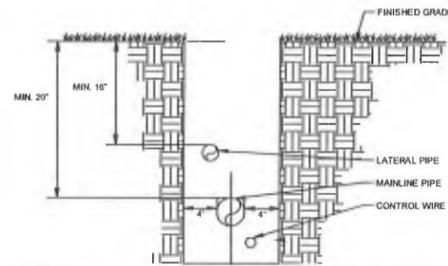
IRRIGATION HEAD INSTALLATION NEXT TO ROADWAY
SCALE: NTS



ISOLATION VALVE DETAIL
SCALE: NTS

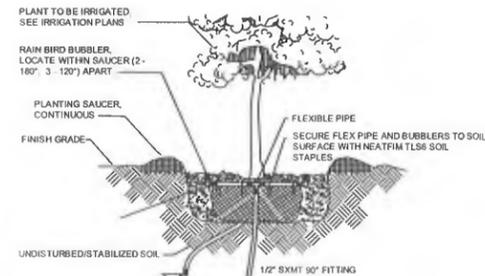


ELECTRIC CONTROL VALVE
SCALE: NTS



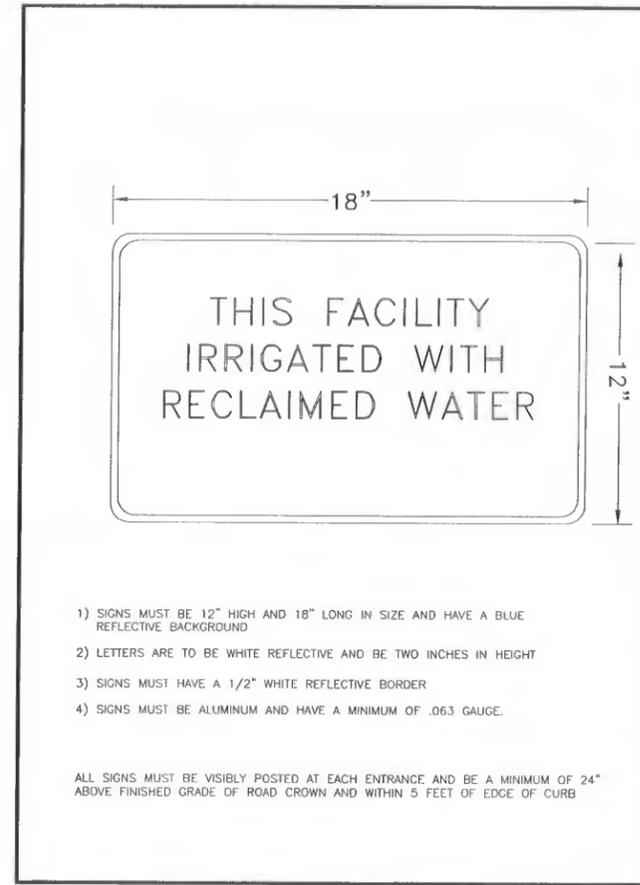
- NOTES
1. ALL TRENCHING TO BE OUTSIDE OF EXISTING TREE DRIP LINE.
 2. NO ROCKS, BOULDERS, OR SHARP OBJECTS TO BE IN TRENCH BACKFILL.
 3. ALL PIPE TO BE INSTALLED AS RECOMMENDED BY MANUFACTURER.
 4. AT EACH CHANGE IN MAINLINE DIRECTION INSTALL A 30\"/>
 - 5. BUNDLE WIRE WITH ELECTRICAL TAPE EVERY 10\"/>

TRENCH, PIPE, AND WIRE DETAIL
SCALE: NTS



- NOTES
1. BUBBLERS SHALL BE PLACED ON THE UPHILL SIDE OF ANY SLOPES & ON THE OPPOSING SIDES OF EACH ROOTBALL WITHIN THE SAUCER.
 2. BUBBLERS TO BE INSTALLED ADJACENT TO ROOTBALL PERIMETER. DO NOT INSTALL BUBBLER ON TOP OF ROOTBALL OR NEXT TO TRUNK.
 3. REFER TO LEGEND FOR BUBBLER FLOW VOLUME AND BUBBLER QUANTITIES.

BUBBLER INSTALLATION
SCALE: NTS

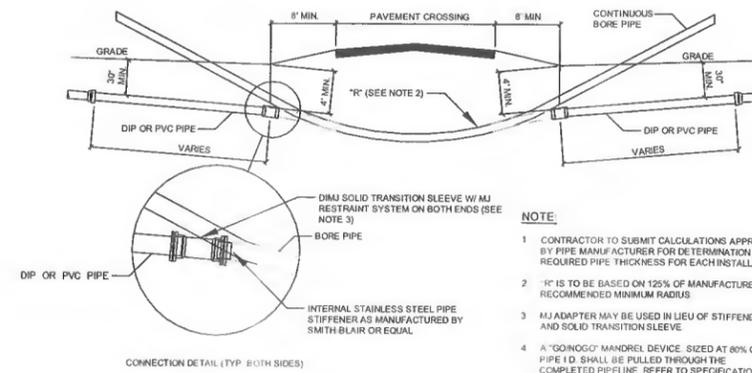


- 1) SIGNS MUST BE 12\"/>
- 2) LETTERS ARE TO BE WHITE REFLECTIVE AND BE TWO INCHES IN HEIGHT.
- 3) SIGNS MUST HAVE A 1/2\"/>
- 4) SIGNS MUST BE ALUMINUM AND HAVE A MINIMUM OF .063 GAUGE.

ALL SIGNS MUST BE VISIBLY POSTED AT EACH ENTRANCE AND BE A MINIMUM OF 24\"/>

SC-21

RECLAIMED WATER ADVISORY SIGN
SCALE: NTS



DIRECTIONAL BORE DETAIL
SCALE: NTS

STEPHEN L. COHEN & ASSOCIATES, INC. 2014

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| NO. | DATE | DESCRIPTION |
|-----|----------|--------------------------|
| 1. | 12-14-15 | REVISED PER CITY REQUEST |
| 2. | 12-15-15 | REVISED PER CITY REQUEST |

REVISIONS:

US 1 AND SR442 BEAUTIFICATION
IRRIGATION PLANS

VOLUSIA COUNTY, FLORIDA

CITY OF EDGEWATER

GENERAL CONSTRUCTION NOTES

- THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE VV, VV1, AND VV11) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL CONTACT SUNSHINE ONE CALL OF FLORIDA, INC. AS REQUIRED BY CHAPTER 556 OF THE FLORIDA STATUTES.
 UTILITY AGENCY/OWNER - TELEPHONE NUMBER
 ELECTRIC - FLORIDA POWER & LIGHT, BEVERLY HUITO (904) 912-2439
 GAS - T&E SERVICES INC., GEORGE SMITH (904) 471-3336
 FIBER OPTIC CABLE - AT&T, MICHAEL MOORE (904) 254-8952
 TELEPHONE - BRIGHTHOUSE, SEAN RIESEN (904) 760-2041
 TRAFFIC MONITORING SITES - FDOT, CHERYL BURKE (904) 243-5962
 VOLUSIA COUNTY TRAFFIC ENGINEERING - (904) 796-5968
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH RULE CHAPTER 14-40, FLORIDA ADMINISTRATIVE CODE, THE FDOT 204 DESIGN STANDARDS AND REVISED INDEX DRAWINGS AS APPENDED HEREIN, THE JANUARY 2010 FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION EDITION AND THE FDOT UHM 2010 EDITION CONTRACTOR TO FOLLOW ALL REQUIREMENTS OF CITY/FDOT JPA AND FDOT APPROVAL.
- CONTRACTOR TO PROVIDE EROSION AND SILTATION CONTROL MEASURES AND COORDINATED /APPROVED BY FDOT AND INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THESE MEASURES ARE TO BE INSPECTED BY THE CONTRACTOR ON A REGULAR BASIS AND ARE TO BE MAINTAINED IN ACCORDANCE WITH SWAMP, DEEP PITS, AND BEST MANAGEMENT PRACTICES (BMP'S) STANDARDS AND REPAIRED ON AN IMMEDIATE BASIS AS REQUIRED. CONTRACTOR TO OBTAIN DEP PITS PERMIT, IF REQUIRED.
- ALL EXISTING UTILITY BOXES AND APPURTENANCES SHALL BE RAISED TO PROPOSED GRADE AS NECESSARY. INTERRUPTIONS TO PROPOSED RIDGON CURBS MAY BE REQUIRED; CONTRACTOR TO COORDINATE IN FIELD WITH CITY OF EDGEWATER AND LANDSCAPE ARCHITECT.
- ANY EXISTING STRIPING ON GRADE DAMAGED BY THIS PROJECT MUST BE REPLACED.
- CONTRACTOR TO STAKE-OUT EACH MEDIAN FOR PLANT/TREE LOCATIONS FOR LANDSCAPE ARCHITECT APPROVAL PRIOR TO INSTALLATION.
- CONTRACTOR WILL BE RESPONSIBLE TO DO ANY GRADING WORK NECESSARY TO ASSURE PROPER DRAINAGE FLOW. CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS, SWALES CONVEYANCE, AND RUNOFF STORAGE CAPACITY DURING AND POST CONSTRUCTION ACTIVITIES. THE EXISTING DRAINAGE STRUCTURES SHALL NOT BE OBSTRUCTED OR MODIFIED ANYTIME.
- IT IS THE RESPONSIBILITY OF THE CITY TO MAINTAIN THE PROPOSED PROJECT LIMIT AREAS IN ACCORDANCE WITH THE FDOT MAINTENANCE RATING PROGRAM STANDARDS (MRS). REFER TO THEIR CRITERIA TRASH THE LINK PROVIDED: <http://www.dot.state.fl.us/StatewideMaintenance/MaintRatingProgram.shtm>

LANDSCAPE NOTES

- PLANTING:** ALL PLANT MATERIAL SHALL BE GRADE FLORIDA NO. 1 OR BETTER IN QUALITY AS DESIGNATED IN THE MOST RECENT PUBLICATION OF "GRADES AND STANDARDS FOR NURSERY PLANTS", PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
- SOD:** SOD SHALL BE FLORATAM ST. AUGUSTINE GRASS UNLESS OTHERWISE SPECIFIED ON THE PLANS AS ARGENTINE PAMPAS. ALL SOD SHALL BE ROLLED CONTRACTOR TO SOD ALL AREAS THAT ARE WITHIN MEDIANS WORKED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE SOD IS FREE OF WEEDS UPON INSTALLATION AND FOR THE DURATION OF THE 90 DAY MAINTENANCE PERIOD. SOD QUANTITY TAKEOFFS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL TURF AREAS SHALL BE SMOOTH AND FREE OF ANY TRACK RUTS OR OTHER UNSIGHTLY IMPRINTS CAUSED BY CONTRACTOR MACHINERY DURING CONSTRUCTION/INSTALLATION. ALL REPLACEMENT SOD SHALL BE FLORATAM ST. AUGUSTINE.
- MULCH:** ALL PLANTING BEDS SHALL BE TOP DRESSED WITH 3" PINE DARK MULCH, GRADE "B" OR BETTER. ALL TREES NOT IN BEDS SHALL HAVE A 5' DIAMETER MULCH RING.
- QUANTITIES:** IN THE EVENT OF A VARIATION BETWEEN THE QUANTITIES SHOWN ON THE PLANT LISTS AND THE ACTUAL QUANTITIES OF PLANTS INSTALLED ON THE SITES, THE PLANS SHALL CONTROL. SOD QUANTITY TAKEOFFS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- UNFORESEEN CONDITIONS:** CONTRACTOR SHALL NOT WILLFULLY INSTALL ANY PORTION OF THE LANDSCAPE PLAN AS SHOWN ON THE DRAWINGS WHEN IT IS OBSERVED IN THE FIELD THAT UNFORESEEN OBSTRUCTIONS, GRADE DIFFERENCES, STANDING WATER, SOIL CONDITIONS OR OTHER CONDITIONS EXIST. SUCH UNFORESEEN CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- SUBSTITUTIONS:** NO SUBSTITUTIONS OR VARIATIONS OF ANY PLANT MATERIAL OR ITS INSTALLED LOCATION WILL BE PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT AND APPROVAL FROM THE LANDSCAPE ARCHITECT.
- CONTAINERS:** IF ALLOWANCE FOR PLANTS OR TREES IS SHOWN THEY SHALL BE CONTAINER GROWN AND THE SIZE SHOWN SHALL REPRESENT THE MINIMUM ALLOWABLE GALLONAGE ACCEPTED. IN ALL CASES THE PLANT SPECIFIED SIZE SHALL GOVERN OVER THE GALLONAGE INDICATED.
- SOIL:** CONTRACTOR SHALL VERIFY THAT SOIL CONDITIONS ARE SUITABLE TO THE PLANT SPECIES SPECIFIED. IF SOIL CONDITIONS ARE UNSUITABLE FOR PROPER PLANT HEALTH, CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT AND PROPER SUBSTITUTIONS SHALL BE SPECIFIED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ADDITIONALLY, IF PRESENT, THE CONTRACTOR SHALL REMOVE LIME ROCK, CONCRETE AND OTHER DELETERIOUS DEBRIS FROM PLANTING BEDS. IF DEBRIS IS INTEGRATED IN THE SOIL, THE SOIL MUST BE DEGRADED AND REPLACED WITH ACCEPTABLE SOIL. LASTLY, ALL FILL TO BE PLACED IN LANDSCAPE AREAS MUST HAVE A pH RANGE BETWEEN 5.8 AND 7.5, BE ORGANIC IN NATURE, AND BE FREE OF ROCKS AND DEBRIS.
- TOPSOIL:** TOPSOIL MATERIAL, IF REQUIRED, SHALL BE FREE FROM ALL HARD CLIPS, WEEDS, STONES OVER 1" IN DIAMETER, CLAY, LIMESTONE PLANTS, SOIL INSECTS, OR OTHER PLANTS, SEEDS, OR MATERIAL WHICH MAY BE HARMFUL FOR GROWTH AND SHALL BE CERTIFIED AS STERILE.
- WEEDS:** IF PRESENT, THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ANY WEEDS FROM PLANTING AREAS PRIOR TO THE INSTALLATION OF PLANT MATERIAL AND MULCH COVER. CONTRACTOR SHALL BE RESPONSIBLE TO KEEP BEDS FREE OF WEEDS FOR THE DURATION OF THE 90 DAY MAINTENANCE PERIOD.
- GRADING:** UNLESS OTHERWISE STATED ON THESE PLANS, THE LANDSCAPE CONTRACTOR SHALL FINE GRADE ALL AREAS TO BE PLANTED AND SLOPED IN ORDER TO ELIMINATE BUMPS AND DEPRESSIONS. FINE GRADING SHALL BE DEFINED AS THE FINAL 1/4" OF GRADE TO BE ACHIEVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND REGRADING WASHOUT AREAS CAUSED BY EROSION UNTIL FINAL ACCEPTANCE OF THE PROJECT.
- LAYOUT:** CONTRACTOR SHALL FIELD LOCATE AND STAKE ALL PROPOSED LOCATIONS OF DATE PALMS WITHIN MEDIANS FOR FDOT INSPECTION AND APPROVAL PRIOR TO PLANTING. CONTRACTOR RESPONSIBLE FOR COORDINATION WITH FDOT ON INSPECTION TIME(S)/DATE(S).
- STAKING:** ALL TREES, SHRUBS AND GROUND COVERS ARE TO BE PLANTED ACCORDING TO THE DETAILS IN THESE PLANS. IF THE CONTRACTOR PREFERENCES TO USE OTHER STAKING METHODS THAN SHOWN IN THE DETAILS, HE OR SHE MUST SUBMIT PROPOSED STAKING DETAILS TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. THE LANDSCAPE CONTRACTOR SHALL STRAIGHTEN, REPAIR, AND/OR REPLACE ANY PLANTS DAMAGED BY FAILURE TO PROPERLY STAKE OR BUY ANY TREES IN SITE, AT THEIR OWN EXPENSE.
- FERTILIZER:** OSMOCOTE SLOW RELEASE FERTILIZER OR EQUIVALENT SHALL BE APPLIED TO ALL TREE, SHRUB, AND GROUND COVER PLANTING AREAS AT THE RATE OF THREE (3) TABLESPOONS PER 2 SF OF PLANTING AREA.
- DRAINAGE:** THE LANDSCAPE CONTRACTOR SHALL ASSURE THAT THIS WORK DOES NOT INTERRUPT EXISTING OR PROPOSED DRAINAGE PATTERNS AND SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD A CONFLICT ARISE.
- SEPECIFICATIONS:** THE LANDSCAPE ARCHITECT SHALL BE PERMITTED THE RIGHT DURING INSTALLATION, TO REJECT ANY AND ALL PLANT MATERIAL AND WORKMANSHIP WHICH IN HIS OR HER OPINION DOES NOT MEET THE REQUIREMENTS OF THESE SPECIFICATIONS.
- PERCOLATION:** PERCOLATION TESTS ARE REQUIRED FOR ALL PLANTING PITS FOR PHOENIX SPP, PALM TREES. AFTER THE PLANTING PIT IS DUG TO THE PROPER DEPTH, FILL PIT WITH WATER AND DOCUMENT THE AMOUNT OF TIME IT TAKES FOR THE WATER TO DRAIN FROM THE PIT COMPLETELY. NOTIFY THE OWNER'S REPRESENTATIVE TO WITNESS THE TEST.
- TURNOVER:** CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE FOR A TURNOVER DATE TO INCLUDE A WALK-THROUGH AND ACCEPTANCE OF WORK BY THE LANDSCAPE ARCHITECT. ANY WORK DEEMED UNACCEPTABLE SHALL BE CORRECTED IMMEDIATELY AND REINSPECTED AS SCHEDULED.
- MAINTENANCE:** CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE TO BEGIN AFTER EACH PLANT HAS BEEN INSTALLED AND SHALL CONTINUE 90 DAYS AFTER FINAL WRITTEN ACCEPTANCE BY THE OWNER. MAINTENANCE SHALL INCLUDE WATERING, PRUNING WEEDING, MULCHING, MOWING, REPLACEMENT OF SICK OR DEAD PLANTS, AND ANY OTHER CARE NECESSARY. IN ORDER TO MAINTAIN PROPER PLANT HEALTH AND SOIL MOISTURE CONTENT.
- WARRANTY:** CONTRACTOR SHALL GUARANTEE ALL INSTALLED PLANT MATERIAL FOR ONE (1) CALENDAR YEAR STARTING FROM THE TURNOVER DATE SHOULD WORK BE FOUND ACCEPTABLE. ANY CORRECTED WORK SHALL HAVE A PROPORTIONAL EXTENSION OF WARRANTY ONCE APPROVED. ANY SICK OR DEAD MATERIAL SHALL BE REPLACED IMMEDIATELY. THE LANDSCAPE CONTRACTOR SHALL NOT BE RESPONSIBLE TO HONOR ANY WARRANTY FOR THE LOSS OF ANY PLANT MATERIAL CAUSED BY FLOODING, FIRE, FREEZING TEMPERATURES, WINDS OVER 50 MPH, LIGHTNING, ANY OTHER NATURAL DISASTER, OR ANY LOSS/DAMAGE CAUSED BY VANDALISM OR NEGLIGENCE ON THE PART OF THE OWNER.

IRRIGATION NOTES

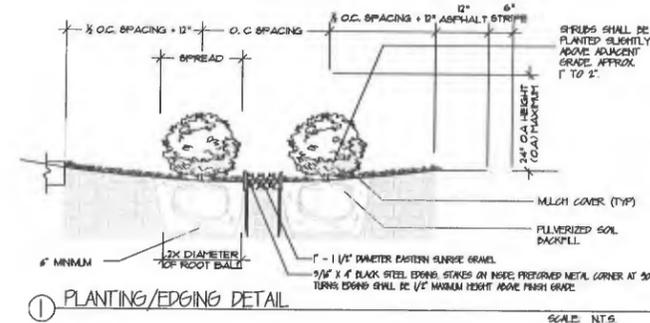
1. AN AUTOMATIC TIME CONTROLLED IRRIGATION SYSTEM WITH A RAIN SENSOR SHALL BE INSTALLED TO PROVIDE 100% HEAD TO HEAD COVERAGE OF ALL NEW PLANTINGS. IRRIGATION PLAN SHALL BE PROVIDED UPON SUBSTANTIAL SITE PLAN APPROVAL.

QUALIFICATION OF CONTRACTORS

- THE CITY OF EDGEWATER BEACH RESERVES THE RIGHT TO REQUIRE ANY BIDDER TO SUBMIT SUCH EVIDENCE OF QUALIFICATIONS AS IT MAY DEEM NECESSARY AND MAY CONSIDER EVIDENCE AVAILABLE CONCERNING THE FINANCIAL AND OTHER QUALIFICATIONS AND ABILITIES OF A CONTRACTOR. FAILURE TO PROVIDE ALL REQUIRED INFORMATION MAY RESULT IN THE PROPOSAL BEING REJECTED AS NONRESPONSIVE. THE MINIMUM QUALIFICATIONS FOR THIS PROJECT ARE AS FOLLOWS:
 1. THE CONTRACTOR MUST HAVE A MINIMUM TEN (10) YEARS EXPERIENCE INSTALLING (NOT MAINTAINING) LANDSCAPE AND IRRIGATION SYSTEMS ON PROJECTS OF A SIMILAR SCOPE IN NATURE WITH VERIFIABLE REFERENCES IN THE FOLLOWING AREAS:
 MUNICIPAL LANDSCAPE AND IRRIGATION CONTRACTS, PROJECTS WITHIN FDOT RIGHTS OF WAY, PROJECTS EXCEEDING \$100K AS PRIME CONTRACTOR, TWENTY (20) OR MORE DATE PALMS ON A SINGLE SITE, AND PROJECT FUNDED BY COUNTY, STATE OR FEDERAL FUNDS.

BASE INFORMATION

BASE PLANS USED IN THE DEVELOPMENT OF THIS PROJECT DESIGN WERE PROVIDED BY FDOT CONTRACTOR TO CONFIRM FINAL LAYOUT AND DIMENSIONS PRIOR TO COMMENCING WORK.





ORLANDO BEACH
 300 INTERCHANGE BLVD., ORLANDO BEACH, FL 32174
 (386) 877-2482 FAX (386) 877-2505
 ST. AUGUSTINE
 4475 U.S. 1 S. STE. 607, ST. AUGUSTINE, FL 32086
 (904) 797-4610 FAX (904) 797-4159
 AMELIA ISLAND
 914 ATLANTIC AVE., STE. 200, AMELIA ISLAND, FL 32034
 (904) 481-2436 FAX (904) 481-1155

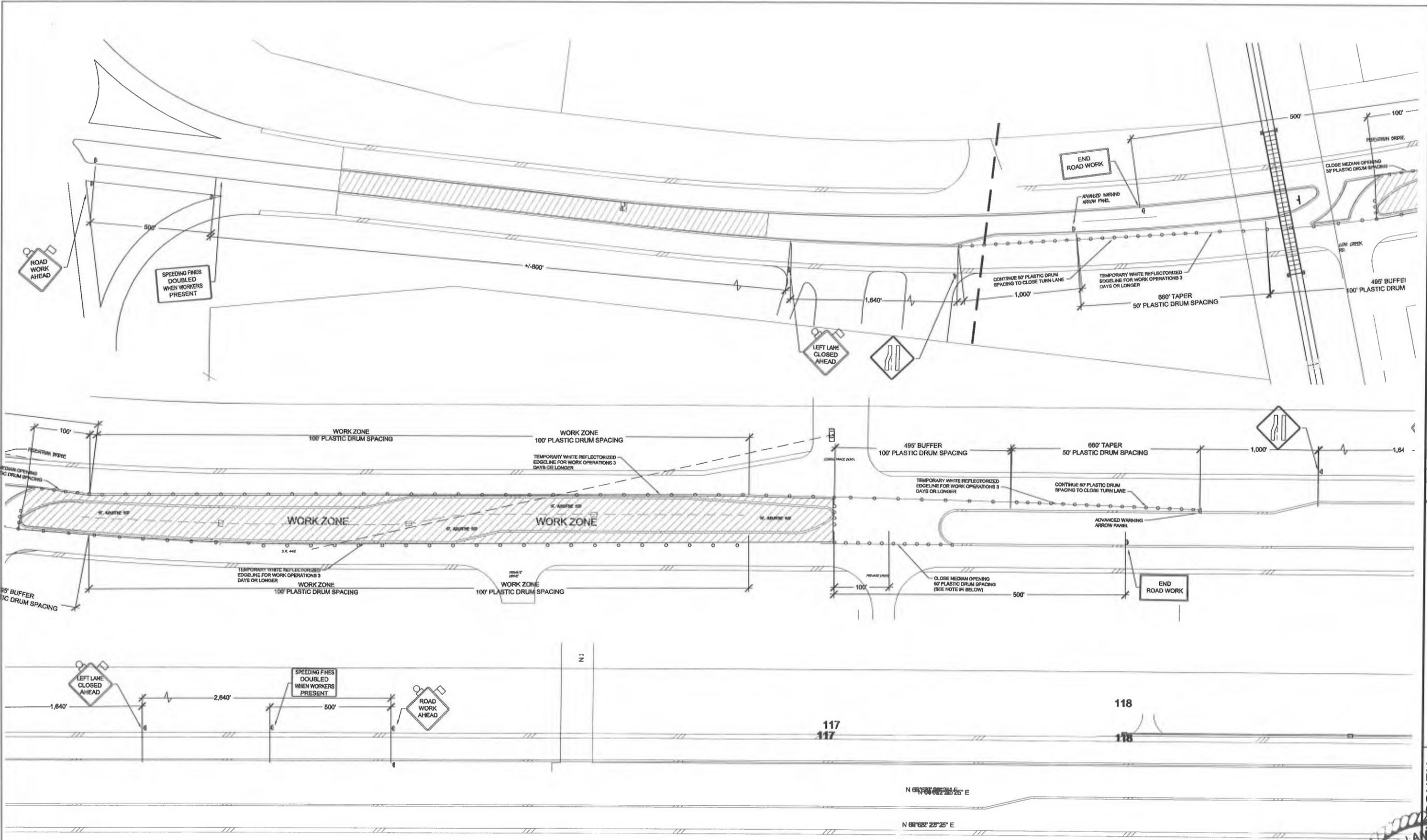
| NO. | DATE | DESCRIPTION |
|-----|----------|--|
| 1. | 3-12-15 | REVISED PER FDOT COMMENTS DATED 2-23-15 |
| 2. | 2-4-15 | REVISED PER FDOT COMMENTS DATED 2-4-15 |
| 3. | 12-14-14 | REVISED PER CITY REQUIREMENTS DATED 12-14-14 |
| 4. | 12-14-14 | REVISED PER CITY REQUIREMENTS DATED 12-14-14 |
| 5. | 12-14-14 | REVISED PER CITY REQUIREMENTS DATED 12-14-14 |
| 6. | 12-14-14 | REVISED PER CITY REQUIREMENTS DATED 12-14-14 |

REVISIONS

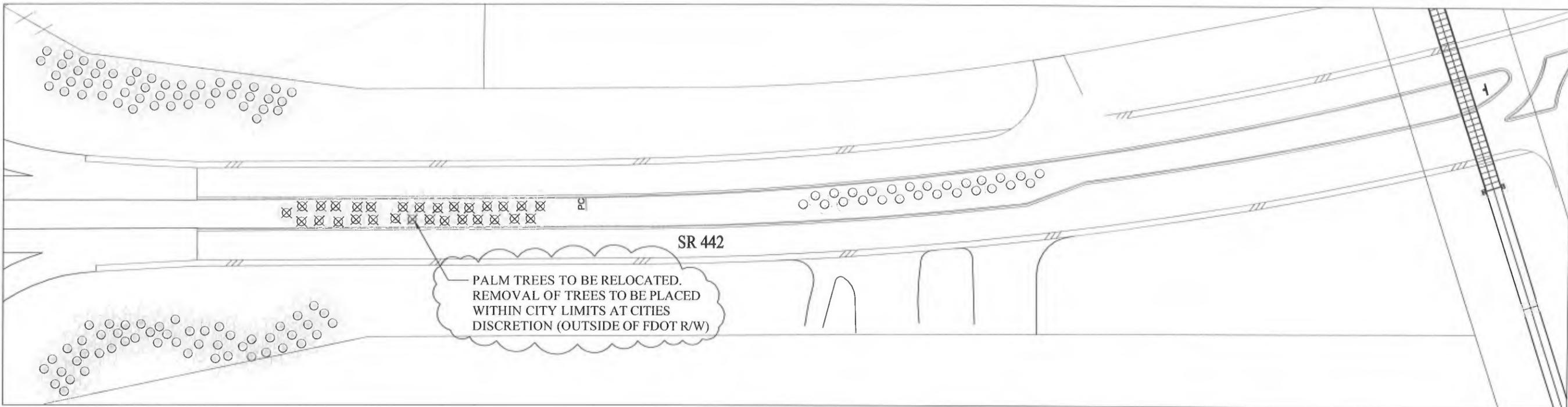
**US 1 AND SR442 BEAUTIFICATION
 LANDSCAPE PLANS
 MAINTENANCE OF TRAFFIC**

VOLUSIA COUNTY, FLORIDA
 CITY OF EDGEWATER

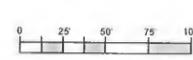
COHEN & ASSOCIATES, INC.
 CIVIL ENGINEERS, ARCHITECTS
 PLANNERS, LANDSCAPE ARCHITECTS
 PROJECT NO. 15-001
 ISSUED DATE: 3/12/15
 DRAWING NO. 15-001-010
 DRAFTED BY: MS
 CHECKED BY: SBWPM
 DRAWING FEE: 1425.00



- NOTES**
1. M.O.T. SHALL CONFORM TO THE FDOT INSTRUCTIONS DATED 10/16/14.
 2. M.O.T. SHOWN AS A GUIDE, CONTRACTOR SHALL COORDINATE WITH FDOT FOR FINAL M.O.T. AND APPROVAL.
 3. CONTRACTOR TO PROVIDE M.O.T. SIGNAGE AND OBTAIN APPROVAL FROM FDOT CONSTRUCTION OFFICE PRIOR TO CONSTRUCTION ON EACH MEDIAN (AS FUNDING ALLOWED). M.O.T. PROVIDED HEREON IS TYPICAL AND WILL APPLY TO EACH MEDIAN CONSTRUCTION.
 4. NO 1/2 HOUR CLOSURES DURING CITY SPECIAL EVENTS, HOLIDAYS, PEAK TRAVEL TIMES (6-8AM, 5-7PM), SIGNALIZED INTERSECTIONS SHALL BE FREE OF BARRIERS DURING ALL TIMES.
 5. THE WORK ZONE SPEED LIMITS THROUGHOUT THE DESIGNATED PROJECT LIMITS WILL REMAIN THE SAME AS THE POSTED 55, 45 & 30 MPH.
 6. SPECIAL EVENTS INCLUDE, BUT ARE NOT LIMITED TO, DAYTONA SPEED WEEK, DAYTONA BIKE WEEK, SPRINTS, AND BIKETOURISM.



SHEETS LA1



| LEGEND | |
|--------|----------------------------------|
| ○ | EXISTING TREE/PALM TO BE REMAIN |
| ⊗ | EXISTING TREE/PALM TO BE REMOVED |

NOTE: CUT OUT/REMOVE EXISTING SOD FROM PROPOSED NEW LANDSCAPE AREAS



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OSWALD BEACH
300 INTERCHANGE BLVD. OSWALD BEACH, FL 32174
(386) 877-2482 FAX (386) 877-2405

ST. AUGUSTINE
4075 U.S. 1 S. ST. AUGUSTINE, FL 32086
(888) 797-1810 FAX (888) 797-1458

AMELIA ISLAND
1800 ATLANTIC AVE. SEASIDE, FL 32084
(904) 431-5435 FAX (904) 431-4169

| NO. | DATE | DESCRIPTION |
|-----|---------|--|
| 1. | 3-12-15 | REVISED PER FDOT COMMENTS DATED 2-3-15 |
| 2. | 3-4-15 | REVISED PER FDOT COMMENTS DATED 2-3-15 |
| 3. | 3-4-15 | REVISED PER FDOT COMMENTS DATED 3-3-15 |
| 4. | 3-11-15 | REVISED PER CITY REQUEST |
| 5. | 3-11-15 | REVISED PER CITY REQUEST |

REVISIONS:

**US 1 AND SR442 BEAUTIFICATION
LANDSCAPE PLANS
DEMOLITION PLAN**

VOLUSIA COUNTY, FLORIDA
CITY OF EDGEWATER

REGISTERED LANDSCAPE ARCHITECT

STEPHEN W. COHEN

STATE OF FLORIDA

PLANNERS - ENVIRONMENTAL

ARCHITECTS

ENGINEERS

SCIENTISTS

www.zny.com

PROJECT: US 1 AND SR 442 BEAUTIFICATION
ISSUE DATE: 3/11/15
CHECKED BY: SBK/PM
DRAWING FILE: 142124

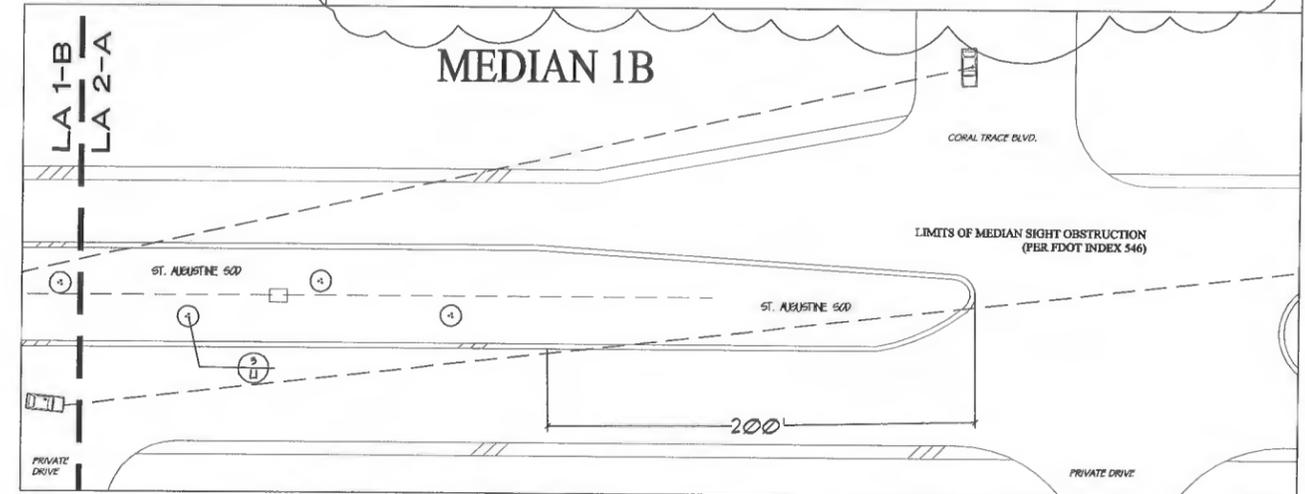
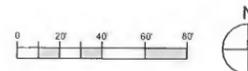
LA 2-A

POSTED SPEED 55 MPH

DESIGN SPEED 60 MPH

PLANT LIST: MEDIAN 1B

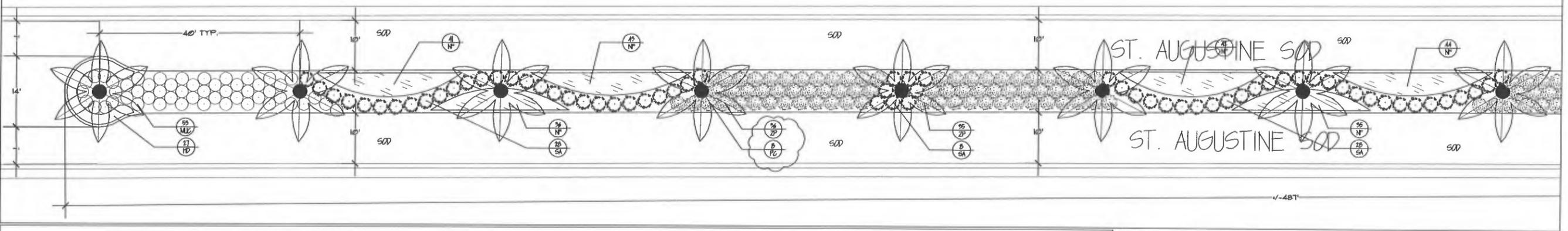
| SYMB. | QUAN. | SCIENTIFIC NAME | COMMON NAME | SIZE & SPACING |
|----------------------------------|-------|----------------------------------|-----------------------|---|
| TREES | | | | |
| LI | 10 | LAGERSTROEMIA INDICA 'MUSKOGEE' | LAVENDER GRAPE MYRTLE | 65 GAL., 3 1/2" CAL., 12' HT., 8.5' C.T. |
| LJ | 10 | LIGUSTRUM JAPONICA 'TREE FORM' | LIGUSTRUM TREE | 12' x 12', MT., 8.5' C.T., PRUNED |
| SHRUBS & GROUNDCOVERS | | | | |
| SA | 40 | SCHETTLERA ARBORICOLA 'TRINETTE' | VAREGATED SCHEFFLERA | 7 GAL., 18" SPD. X 24" HT., FULL, 30" OC. |
| TV | 284 | TULPAGHIA VIOLACEA | SOCIETY GARLIC | 1 GAL., 12" SPRD., 18" OC. |



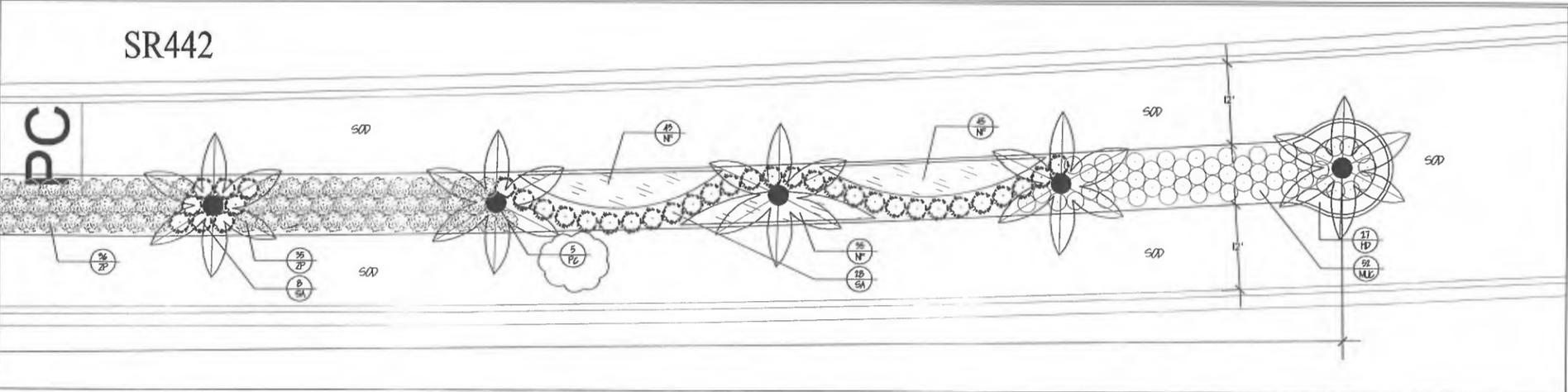
PLANT LIST: PRIMARY MEDIAN

| SYMB. | QUAN. | SCIENTIFIC NAME | COMMON NAME | SIZE & SPACING |
|----------------------------------|-------|----------------------------------|----------------------|--|
| PALMS | | | | |
| PC | 13 | PHOENIX CANARIENSIS | CANARY DATE PALM | 12'-14' C.T., SPECIMEN |
| SHRUBS & GROUNDCOVERS | | | | |
| HD | 54 | HELIANTHUS DEMLIS | PEACH SUNFLOWER | 1 GAL., 10" HT. X 10" SPRD., FULL, 18" OC. |
| MUG | 105 | MULLENBERGIA CAPILLARIS | MULLY GRASS | 7 GAL., 18" SPD. X 24" HT., FULL, 30" OC. |
| NF | 364 | NANDINA FIREPOWER | FIREPOWER NANDINA | 3 GAL., 24" HT., 18" OC., 3-4 PPP |
| SA | 100 | SCHETTLERA ARBORICOLA 'TRINETTE' | VAREGATED SCHEFFLERA | 7 GAL., 18" SPD. X 24" HT., FULL, 30" OC. |
| ZP | 142 | ZAMIA FUMIDA | COONTIE | 3 GAL., 24" HT. X 18" SPRD., FULL, 36" OC. |

SR442



SR442



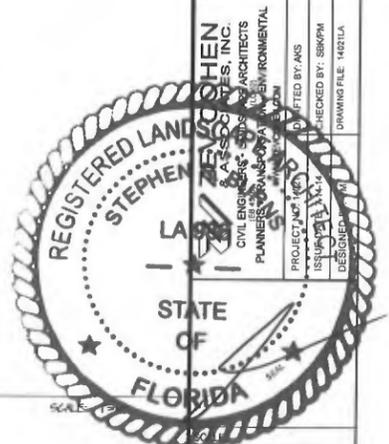
(A) MEDIAN PLANTING BLOW-UP

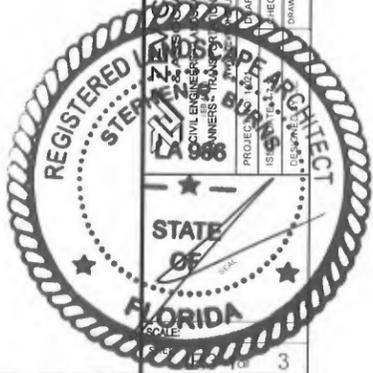
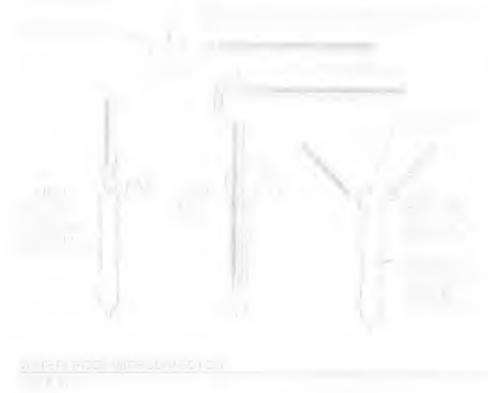
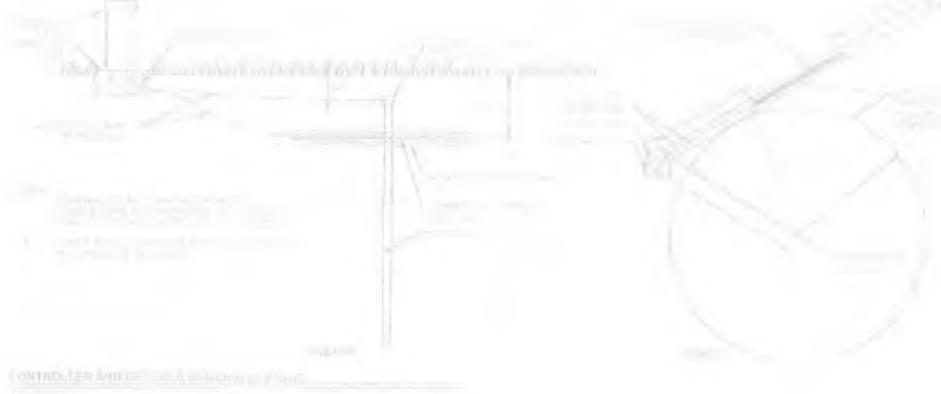
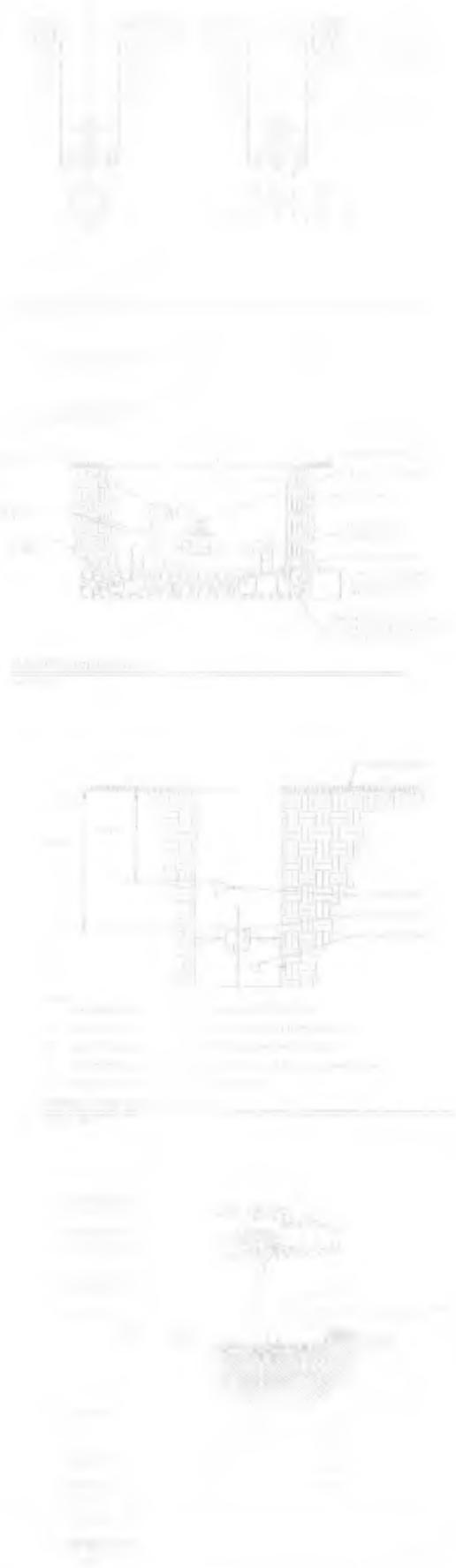
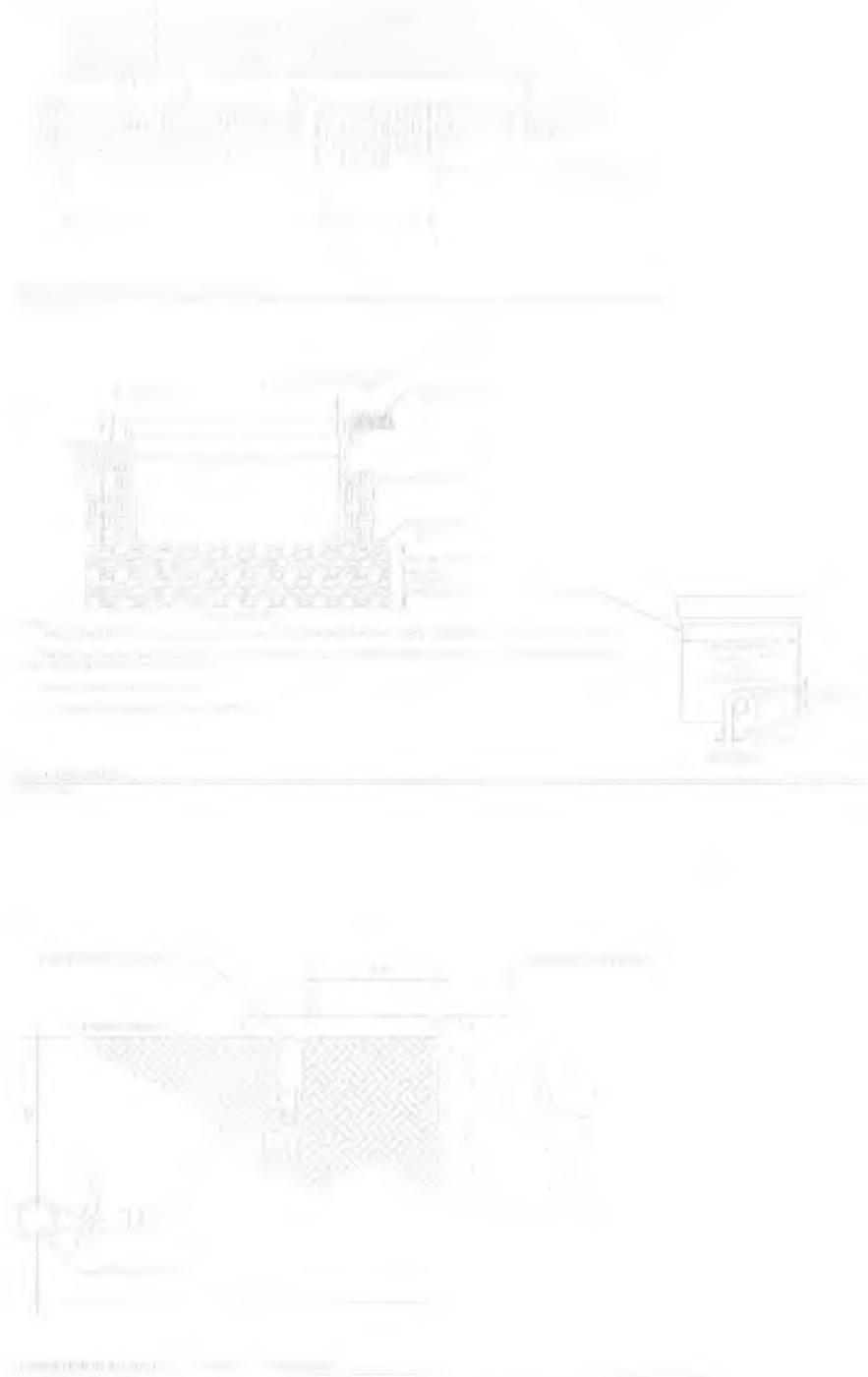
REVISIONS:

| NO. | DATE | DESCRIPTION |
|-----|---------|---|
| 1. | 3-12-15 | REVISED PER FDOT COMMENTS DATED 2-13-15 |
| 2. | 3-14-15 | REVISED PER FDOT COMMENTS DATED 2-13-15 |
| 3. | 3-14-15 | REVISED PER FDOT COMMENTS DATED 2-13-15 |
| 4. | 3-14-15 | REVISED PER CITY REQUEST |
| 5. | 3-18-15 | REVISED PER CITY REQUEST |

PROJECT: US 1 AND SR442 BEAUTIFICATION LANDSCAPE PLANS
ISSUED: 3/12/15
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DRAWING FILE: 142114

US 1 AND SR442 BEAUTIFICATION
 LANDSCAPE PLANS
 VOLusia COUNTY, FLORIDA
 CITY OF EDGEWATER





COHEN
 STATES, INC.
 CIVIL ENGINEERS & ARCHITECTS
 ENVIRONMENTAL
 ENGINEERS & ARCHITECTS
 10000 W. UNIVERSITY BLVD., SUITE 200
 BOCA RATON, FL 33433
 PHONE: (561) 991-1111
 FAX: (561) 991-1112
 WWW: WWW.COHENSTATES.COM

**US 1 AND SR442 BEAUTIFICATION
 IRRIGATION PLANS
 NOTES & DETAILS**
 VOLUSIA COUNTY, FLORIDA
 CITY OF EDGEWATER

| NO. | DATE | REVISION/PER CITY REQUEST | DESCRIPTION | BY |
|-----|----------|---------------------------|-------------|----|
| 1 | 12-15-15 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

ORMOND BEACH
 300 INTERCHANGE BLVD., ORMOND BEACH, FL 32174
 (386) 877-2422 FAX (386) 977-2505
 ST. AUGUSTINE
 4475 U.S. 1 S. STE 801 ST. AUGUSTINE, FL 32086
 (904) 797-1610 FAX (904) 797-4159
 AMELIA ISLAND
 314 ATLANTIC AVE., STE 207 FERNANDINA BEACH, FL 32044
 (904) 481-5435 FAX (904) 481-4159



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EXHIBIT “B”

**JPA Agreement
435465-1-58-01**

| | | |
|---|--|--|
| Financial Management No.: 435465-1-58-01 Agency: City of Edgewater Contract No: <u>ARU25</u> | Fund: DS Activity: 215 Contract Amount: \$500,000.00 | FLAIR Approp: 088716 FLAIR Obj: 56300 0 Org. Code: 55054010508 Vendor No.: F 596000314009 |
|---|--|--|

JOINT PARTICIPATION AGREEMENT
BETWEEN
THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
The CITY OF EDGEWATER

This Agreement, made and entered into this 17th day of April, 2015, by and between the **STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION** (hereinafter referred to as the DEPARTMENT) and **the CITY OF EDGEWATER**, municipality incorporated under the laws of the State of Florida (hereinafter referred to as the LOCAL GOVERNMENT),

WITNESSETH:

WHEREAS, the Parties have been granted specific legislative authority to enter into this Agreement pursuant to Section 339.12, Florida Statutes; and

WHEREAS, the LOCAL GOVERNMENT by Resolution No. 2015-R-14 dated the 6th day of April, 2015, a copy of which is attached hereto as Exhibit "F" and made a part hereof, has authorized its officers to execute this Agreement on its behalf.

WHEREAS, the DEPARTMENT is prepared, in accordance with its Five Year Work Program, to undertake the Project described as the "Landscaping Improvements in the Median on State Road 5/US 1 between Volco Road and Boston Road; between Louisa Street and West Ocean Avenue; and between Lamont Street and 10th Street and on State Road 442 from Interstate 95 to US 1", in the DEPARTMENT'S Fiscal Year 2014/2015, said Project being known as FM #435465-1-58-01, hereinafter referred to as the "Project"; and

WHEREAS, the Project is on the State Highway System, is not revenue producing and is contained in the adopted Five Year Work Program; and

WHEREAS, the implementation of the Project is in the interest of both the DEPARTMENT and the LOCAL GOVERNMENT and it would be most practical, expeditious, and economical for the LOCAL GOVERNMENT to perform the services to complete the Project; and;

WHEREAS, the intent of this Agreement is to establish the terms and conditions of the funding and the production of this Project.

NOW, THEREFORE, in consideration of the mutual benefits to be derived from the joint participation of this Agreement, the parties agree as follows:

1. TERM

A. The term of this Agreement shall begin upon the date of signature of the last party to sign. The LOCAL GOVERNMENT agrees to complete the Project by May 31, 2016 in accordance with the schedule described and contained in Exhibit "C" attached hereto. If the LOCAL GOVERNMENT does not complete the Project within the time period allotted, this Agreement will expire on the last day of the scheduled completion as provided in this paragraph unless an extension of the time period is requested by the LOCAL GOVERNMENT and granted in writing by the DEPARTMENT prior to the expiration of the Agreement. Expiration of this Agreement will be considered termination of the Project. After the Project is complete, the term of this Agreement shall continue in effect and be binding on the parties in perpetuity for maintenance responsibilities of the LOCAL GOVERNMENT. The DEPARTMENT will review the need for the LOCAL GOVERNMENT to continue maintenance of the Improvements on a five year basis, and if it is determined by the DEPARTMENT that maintenance is no longer needed, the DEPARTMENT may unilaterally terminate the Agreement, upon thirty (30) days written notice to the LOCAL GOVERNMENT.

2. SERVICES AND PERFORMANCES

A. The LOCAL GOVERNMENT shall furnish the services with which to construct the Project. The Project includes preparing all planting areas by removing sod, adding soil and adjusting grade for proper planting; purchasing all materials for the project and the installation of the landscaping improvements to the specifications shown in the accepted Landscape Plan; maintaining the material shown in the Landscape Plan for the duration of the project; staking all trees planted; and supplying Maintenance of Traffic in any roadway areas, if necessary. The LOCAL GOVERNMENT shall perform necessary preliminary engineering, prepare all design plans for the Project, perform the construction, provide all necessary engineering supervision, and otherwise perform all other necessary work to complete the Project, as specified in Exhibit "A" attached hereto and by this reference made a part hereof. All work provided by the LOCAL GOVERNMENT hereunder shall be

undertaken consistent with and in accordance with the Terms & Conditions set forth in Exhibit "D" hereto. Nothing herein shall be construed as requiring the LOCAL GOVERNMENT to perform any activity which is outside of the scope of services of the Project.

B. In addition to the Terms & Conditions set forth in Exhibit "D", the LOCAL GOVERNMENT agrees to undertake the design and construction of the Project in accordance with all applicable federal, state and local statutes, rules and regulations, including DEPARTMENT standards and specifications.

C. The landscaping design for the project locations on State Road 5 (US 1) between Lamont Street and 10th Street and between Louisa Street and West Ocean Avenue and on State Road 442 from Interstate 95 to US 1 shall meet the DEPARTMENT'S criteria for Bold Landscape Requirements with more emphasis on more large trees and fewer shrubs to increase "curb appeal". Shrubs can be used when and where they are part of the best design solution.

D. This Agreement shall act to supersede the normal requirements of the LOCAL GOVERNMENT to secure separate DEPARTMENT permits for drive-way connection, right-of-way utilization, storm-water discharge and utilities and this Agreement is deemed to constitute such permits.

E. The LOCAL GOVERNMENT shall be responsible for obtaining clearances/permits required for the construction of the Project from the appropriate permitting authorities.

F. The LOCAL GOVERNMENT understands that they are responsible for the preparation of all design plans for the Project, at the expense of the LOCAL GOVERNMENT, suitable for reproduction on 11 inch by 17 inch sheets, together with a complete set of specifications covering all construction requirements for the Project. The LOCAL GOVERNMENT shall assure that the design, construction, installation, and maintenance is consistent with and meets all criteria and limitations of Rule 14-40.030, Florida Administrative Code, as it relates to Vegetation Management at Outdoor Advertising Signs. One (1) copy of the design plans shall be provided to the DEPARTMENT'S Design Project Manager at the address listed on Page 13. The DEPARTMENT shall review the plans for conformance to the DEPARTMENT'S requirements and feasibility within forty-five (45) days of delivery by the LOCAL GOVERNMENT. The DEPARTMENT'S review shall

not be considered an adoption of the plans nor a substitution for the engineer's responsibility for the plans, however, all changes requested by the DEPARTMENT shall be made by the Engineer of Record/LOCAL GOVERNMENT with the understanding that final decision rest with the DEPARTMENT. All corrected plans shall be provided to the DEPARTMENT in a timely manner. The LOCAL GOVERNMENT shall provide a copy of the Final Bid documents to the DEPARTMENT within ten (10) days of the receipt of said documents. After approval of the plans and prior to commencing the work described herein, the LOCAL GOVERNMENT shall request a Notice to Proceed from the DEPARTMENT'S Point of Contact listed on page 13, or from an appointed designee. Any work performed prior to the issuance of the Notice to Proceed is not subject to reimbursement.

G. The expenditure of funds pursuant to this Agreement shall comply with the terms of Section 334.044(26), Florida Statutes, as amended. To the greatest extent practical, at least 50% of these funds shall be used to purchase large plant materials (large plant materials have been defined by the Florida Department of Transportation to be five (5) gallon or larger containers as defined by the Florida Department of Agriculture's "Grades and Standards for Nursery Plants") with the remaining funds for other plant materials. Except as prohibited by applicable law or regulation, all of the plant materials purchased shall be purchased from Florida commercial nursery stock in this state on a uniform competitive bid basis.

H. The LOCAL GOVERNMENT shall hire a DEPARTMENT prequalified contractor using the LOCAL GOVERNMENT'S normal bid procedures to perform the construction work for the Project.

I. The LOCAL GOVERNMENT shall hire a DEPARTMENT Pre-qualified Consultant Construction Engineering Inspection firm (hereinafter "CCEI") to perform construction oversight including the obligation to assure that any and all verification testing is performed in accordance with the \Standard Specifications for Road and Bridge Construction, current edition, and as amended from time to time. The LOCAL GOVERNMENT'S Attorney shall certify to the DEPARTMENT that selection has been accomplished in compliance with the Consultants' Competitive Negotiation Act, Section 287.055, Florida Statutes. The DEPARTMENT shall have the right, but not the obligation, to perform independent assurance testing during the course of construction of the Project. The CCEI firm shall not be the same firm as that of the Engineer of Record for the Project.

J. The LOCAL GOVERNMENT shall require the LOCAL GOVERNMENT'S contractor to post a bond in accordance with Section 337.18(1), Florida Statutes.

K. The LOCAL GOVERNMENT shall be responsible to ensure that the construction work under this Agreement is performed in accordance with the approved construction documents, and that it will meet all applicable DEPARTMENT standards and that the work is performed in accord with the Terms and Conditions contained in Exhibit "D".

L. If the LOCAL GOVERNMENT utilizes its own work force for any services for the Project, all costs and expenses thereof shall not be subject to reimbursement.

M. Upon request, the LOCAL GOVERNMENT agrees to provide progress reports to the DEPARTMENT in the standard format used by the LOCAL GOVERNMENT and at intervals established by the DEPARTMENT. The DEPARTMENT will be entitled at all times to be advised, at its request, as to the status of the Project being constructed by the LOCAL GOVERNMENT and of details thereof. Either party to the Agreement may request and shall, within a reasonable time thereafter, be granted a conference with the other party.

N. Upon completion of the work authorized by this Agreement, the LOCAL GOVERNMENT shall notify the DEPARTMENT in writing of the completion; and for all design work that originally required certification by a Registered Landscape Architect, this notification shall contain a Landscape Architect's Certification of Compliance, signed and sealed by a Registered Landscape Architect, the form of which is attached hereto as Exhibit "E". The certification shall state that work has been completed in compliance with the Project construction plans and specifications. If any deviations are found from the accepted plans, the certification shall include a list of all deviations along with an explanation that justifies the reason to accept each deviation.

3. MAINTENANCE

A. The DEPARTMENT and the LOCAL GOVERNMENT agree that until such time as the landscaping and all other improvements constructed or installed in the Department's Right Way need to be removed from the Right of Way, the LOCAL GOVERNMENT shall, at all times, maintain the Project in a reasonable manner and with due care in accordance with all applicable DEPARTMENT guidelines, standards, and procedures (Project Standards) and as herein below specified.

- i) The LOCAL GOVERNMENT hereby agrees to have the landscaping installed on the Project as specified in the Landscape Plan(s). Such

installation shall be in conformance with Florida Administrative Code Rule 14-40.003, as it may be amended from time to time. The LOCAL GOVERNMENT shall not change or deviate from said plan(s) without written approval of the DEPARTMENT.

- ii) The LOCAL GOVERNMENT agrees to maintain the landscaping installed by the Project in accordance with the Landscape Maintenance Plan(s). Said maintenance will be in accordance with Florida Administrative Code Rule 14-40.003, as it may be amended from time to time. The LOCAL GOVERNMENT'S responsibility for maintenance shall be consistent with the requirements of Florida Administrative Code Rule 14.40.003(5), as it may be amended from time to time. The maintenance functions to be performed by the LOCAL GOVERNMENT shall be subject to periodic inspections by the DEPARTMENT. The LOCAL GOVERNMENT shall not change or deviate from said plan(s) without written approval of the DEPARTMENT.
- iii) The LOCAL GOVERNMENT shall have the continuous obligation to monitor the maintenance of traffic pursuant to the Design Standards Index Series 600, and Rule 14-40.003, Florida Administrative Code, as it may be amended from time to time, during the course of the maintenance functions so that the safe and efficient movement of the traveling public is maintained. During maintenance functions, the LOCAL GOVERNMENT shall take measures, including the placing and display of safety devices that are necessary in order to safely conduct the public through the maintenance area in accordance with the latest and current version of the Federal Highway Administration Manual on Uniform Traffic Control Devices for Streets and Highways, and the DEPARTMENT'S Standard Specifications for Road and Bridge construction, current edition, and the DEPARTMENT'S Roadway and Traffic Design Standards, current edition, and as those sources may be amended from time to time.
- iv) If at any time after the LOCAL GOVERNMENT has assumed the

landscaping installation or maintenance responsibility above-mentioned, it shall come to the attention of the DEPARTMENT that the Project, as will be designed by the LOCAL GOVERNMENT, or a part thereof is not properly installed or maintained pursuant to the terms of this Agreement, the District Secretary or his/her designee may issue a written notice that a deficiency or deficiencies exist(s), by sending a certified letter to the LOCAL GOVERNMENT to place said LOCAL GOVERNMENT on notice thereof. Thereafter, the LOCAL GOVERNMENT shall have a period of thirty (30) calendar days within which to correct the cited deficiencies. If said deficiencies are not corrected within this time period, the DEPARTMENT may terminate the Agreement, in which case the LOCAL GOVERNMENT shall at its own expense and within sixty (60) calendar days after written notice by the DEPARTMENT, remove all of the landscaping that the DEPARTMENT directs be removed and return the Right-of-Way to its original condition. The LOCAL GOVERNMENT will own such materials it removes and the DEPARTMENT shall own any materials remaining.

- v) It is understood between the parties hereto that the landscaping covered by this Agreement may be removed, relocated or adjusted by the DEPARTMENT at any time in the future as determined to be necessary by the DEPARTMENT in order that the state road be widened, altered or otherwise changed to meet with future criteria or planning of the DEPARTMENT. The LOCAL GOVERNMENT shall be given sixty (60) calendar days notice to remove said landscaping after which time the DEPARTMENT may remove the same.

4. COMPENSATION AND REIMBURSEMENT

A. Project Cost: The total estimated cost of the Project is **\$500,000.00 (Five Hundred Thousand Dollars and No/100)**. This amount is based on the Schedule of Funding, Exhibit "B" attached hereto.

B. DEPARTMENT Participation: The DEPARTMENT agrees to reimburse the LOCAL GOVERNMENT in an amount not to exceed **\$500,000.00 (Five Hundred**

Thousand Dollars and No/100) for actual costs incurred, excluding LOCAL GOVERNMENT overhead. The funding for this Project is contingent upon annual appropriation by the Florida Legislature. The DEPARTMENT shall reimburse the LOCAL GOVERNMENT only for the cost of purchase of the plant materials, fertilizer, and the cost for labor associated with the installation of the planting. Notwithstanding the fact that said work is not reimbursable, any and all additional work to be performed by the LOCAL GOVERNMENT within the limits of this Project shall be included in the LOCAL GOVERNMENT'S DEPARTMENT accepted plans and in Exhibit "A", Scope of Services. No work may be performed in the Department's Right of Way that has not specifically been approved by the Department. The LOCAL GOVERNMENT agrees to bear all expenses in excess of the DEPARTMENT'S participation. Travel costs will not be reimbursed.

i) Invoices shall be submitted by the LOCAL GOVERNMENT in detail sufficient for a proper pre-audit and post-audit thereof, based on the quantifiable, measurable and verifiable deliverables as established in Exhibit "A", Scope of Services and the Landscaping Plans when accepted by the DEPARTMENT. Deliverables must be received and accepted in writing by the DEPARTMENT'S Project Manager or designee prior to reimbursements.

ii) Supporting documentation must establish that the deliverables were received and accepted in writing by the LOCAL GOVERNMENT and must also establish that the required minimum level of service to be performed as specified in Paragraph 2. K. was met, and that the criteria for evaluating successful completion as specified in Paragraph 2. N. was met.

iii) The LOCAL GOVERNMENT may receive progress payments for the actual costs of deliverables based on a percentage of services that have been completed, approved and accepted to the satisfaction of the DEPARTMENT when properly supported by detailed invoices and acceptable evidence of payment. The final balance due under this Agreement will be reimbursed upon the completion of all Project services, receipt of final construction cost documentation and proper submission of a detailed invoice and when the Project has been inspected, approved and accepted to the satisfaction of the DEPARTMENT in writing.

iv) All costs charged to the Project shall be supported by detailed invoices, proof of payments, contracts or vouchers evidencing in proper detail the nature and propriety of the charges.

C. The DEPARTMENT shall have the right to retain all or a portion of any payment due the LOCAL GOVERNMENT under this Agreement an amount sufficient to satisfy any amount due and owing to the DEPARTMENT by the LOCAL GOVERNMENT on any other Agreement between the LOCAL GOVERNMENT and the DEPARTMENT.

D. The LOCAL GOVERNMENT which is providing goods and services to the DEPARTMENT should be aware of the following time frames. Upon receipt of an invoice, the DEPARTMENT has twenty (20) working days to inspect and approve the goods and services. The DEPARTMENT has twenty (20) days to deliver a request for payment (voucher) to the Department of Financial Services. The twenty (20) days are measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved. If a payment is not available within forty (40) days, a separate interest penalty at a rate as established pursuant to Section 55.03(1), Florida Statutes, will be due and payable, in addition to the invoice amount, to the LOCAL GOVERNMENT. Interest penalties of less than one dollar (\$1.00) will not be enforced unless the LOCAL GOVERNMENT requests payment. Invoices which have to be returned to the LOCAL GOVERNMENT because of LOCAL GOVERNMENT preparation errors will result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the DEPARTMENT. A Vendor Ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for Participants who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at (850) 413-5516 or by calling the Division of Consumer Services at (877) 693-5236.

E. Records of costs incurred under terms of this Agreement shall be maintained and made available upon request to the DEPARTMENT at all times during the period of this Agreement and for five (5) years after final payment is made. Copies of these documents and records shall be furnished to the DEPARTMENT upon request. Records of costs incurred include the LOCAL GOVERNMENT'S general accounting records and the Project records, together with supporting documents and records, of the contractor and all subcontractors performing work on the Project, and all other records of the contractor and subcontractors considered necessary by the DEPARTMENT for a proper audit of costs. Any discrepancies revealed by any such audit shall be resolved by a corrected final billing from the LOCAL GOVERNMENT to the DEPARTMENT.

F. In the event this Agreement is in excess of \$25,000.00 (TWENTY FIVE THOUSAND DOLLARS AND NO/100) and a term for a period of more than one (1) year, the provisions of Section 339.135(6)(a), Florida Statutes, are hereby incorporated as follows:

“The DEPARTMENT, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The DEPARTMENT shall require a statement from the Comptroller of the Department that funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding one (1) year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the DEPARTMENT which are for an amount in excess of \$25,000.00 and which have a term for a period of more than one (1) year.”

G. The DEPARTMENT’S performance and obligation to pay under this contract is contingent upon an annual appropriation by the Florida Legislature. The parties agree that in the event funds are not appropriated to the DEPARTMENT for the Project, this Agreement may be terminated, which shall be effective upon the DEPARTMENT giving notice to the LOCAL GOVERNMENT to that effect.

5. COMPLIANCE WITH LAWS

A. The LOCAL GOVERNMENT shall allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the LOCAL GOVERNMENT in conjunction with this Agreement. Failure by the LOCAL GOVERNMENT to grant such public access shall be grounds for immediate unilateral cancellation of this Agreement by the DEPARTMENT.

B. The LOCAL GOVERNMENT shall comply with all federal, state and local laws and ordinances applicable to the work or payment for work thereof. The LOCAL GOVERNMENT shall not discriminate on the grounds of race, color, religion, sex or national origin in the performance of work under this Contract.

C. No funds received pursuant to this Agreement may be expended for lobbying the Legislature, the judicial branch, or a state agency.

D. The LOCAL GOVERNMENT and the DEPARTMENT agree that the LOCAL GOVERNMENT, its employees, and subcontractors are not agents of the DEPARTMENT as a result of this Contract.

6. TERMINATION AND DEFAULT

A. This Agreement may be canceled by the DEPARTMENT in whole or in part, at any time the interest of the DEPARTMENT requires such termination. The DEPARTMENT also reserves the right to seek termination or cancellation of this Agreement in the event the LOCAL GOVERNMENT shall be placed in either voluntary or involuntary bankruptcy. The DEPARTMENT further reserves the right to terminate or cancel this Agreement in the event an assignment is made for the benefit of creditors.

B. If the DEPARTMENT determines that the performance of the LOCAL GOVERNMENT is not satisfactory, the DEPARTMENT shall have the option of (a) immediately terminating the Agreement, or (b) notifying the LOCAL GOVERNMENT of the deficiency with a requirement that the deficiency be corrected within a specified time, otherwise the Agreement will be terminated at the end of such time, or (c) taking whatever action is deemed appropriate by the DEPARTMENT.

C. If the DEPARTMENT requires termination of the Agreement for reasons other than unsatisfactory performance of the LOCAL GOVERNMENT, the DEPARTMENT shall notify the LOCAL GOVERNMENT of such termination, with instructions to the effective date of termination or specify the stage of work at which the Agreement is to be terminated.

D. If the Agreement is terminated before performance is completed, the LOCAL GOVERNMENT shall be paid only for that work satisfactorily performed for which costs can be substantiated. Such payment, however, may not exceed an amount which is the same percentage of the contract price as the amount of work satisfactorily completed is a percentage of the total work called for by this Agreement. All work in progress will become the property of the DEPARTMENT and will be turned over promptly by the LOCAL GOVERNMENT.

7. MISCELLANEOUS

A. In no event shall the making by the DEPARTMENT of any payment to the LOCAL GOVERNMENT constitute or be construed as a waiver by the DEPARTMENT of any breach of covenant or any default which may then exist, on the part of the LOCAL GOVERNMENT, and the making of such payment by the DEPARTMENT while any such

breach or default shall exist shall in no way impair or prejudice any right or remedy available to the DEPARTMENT with respect to such breach or default.

B. This Agreement shall be governed by and interpreted in accordance with the laws of the State of Florida. Any provision herein determined by a court of competent jurisdiction, or any other legally constituted body having jurisdiction, to be invalid or unenforceable shall be severable and the remainder of this Agreement shall remain in full force and effect, provided that the invalidated or unenforceable provision is not material to the intended operation of this Agreement.

C. This Agreement shall be effective upon execution by both parties and shall continue in effect and be binding on the parties until the Project is completed, any subsequent litigation is complete and terminated, final costs are known, and legislatively appropriated reimbursements, if approved, are made by the DEPARTMENT. The DEPARTMENT may, at any stage, amend or terminate the Project in whole or in part if the DEPARTMENT determines that such action is in the best interest of the public.

D. PUBLIC ENTITY CRIME INFORMATION AND ANTI-DISCRIMINATION STATEMENT: A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list. An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity.

E. The DEPARTMENT and the LOCAL GOVERNMENT acknowledge and agree to the following:

i) The LOCAL GOVERNMENT shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the LOCAL GOVERNMENT during the term of the contract; and

ii) The LOCAL GOVERNMENT shall expressly require any contractors and subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the contractor/subcontractor during the contract term.

F. All notices required pursuant to the terms hereof shall be sent by First Class United States Mail. Unless prior written notification of an alternate address for notices is sent, all notices shall be sent to the following addresses:

DEPARTMENT

Point of Contact:

Allison Godwin
Program Coordinator
719 South Woodland Boulevard, M.S. 4-520
DeLand, Florida 32720-6834
PH: (386) 943-5458
allison.godwin@dot.state.fl.us

Richard Grooms
Design Project Manager/MS 4-510
719 South Woodland Boulevard
DeLand, Florida 32720-6834
PH: (386) 943-5374
richard.grooms@dot.state.fl.us

Vince Vacchiano
Construction Project Manager/MS 3-506
719 South Woodland Boulevard
DeLand, Florida 32720-6834
PH: (386) 943-5406
vincent.vacchiano@dot.state.fl.us

LOCAL GOVERNMENT

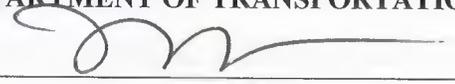
Malecia Harris
Grants/Project Coordinator
City of Edgewater
Post Office Box 100
1108 S. Ridgewood Avenue
Edgewater, Florida 32132
PH: (386) 424-2400, ext. 7203
mharris@cityofedgewater.org

IN WITNESS WHEREOF, the LOCAL GOVERNMENT has executed this Agreement this 6th day of April, 2015, and the DEPARTMENT has executed this Agreement this 17th day of April, 2015.

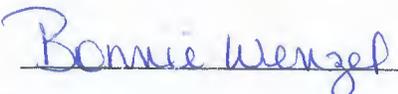
CITY OF EDGEWATER

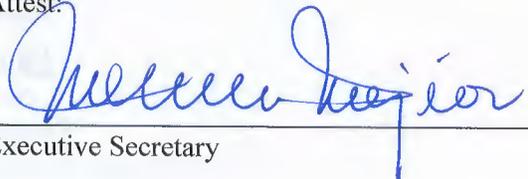
By: 
Name: Michael Ignasiak
Title: Mayor

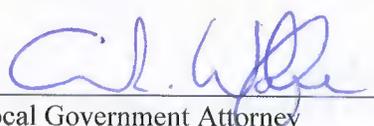
**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

By: 
Name: Frank J. O'Dea, P.E.
Title: Director of Transportation Development

As approved by the Board on:
April 6, 2015

Attest:


Attest:

Executive Secretary

Legal Review:

Local Government Attorney

Legal Review:


Financial Provisions Approval by
The Office of the Comptroller on:
February 20, 2015
Authorization Received from the Office of
the Comptroller as to Availability of Funds:
April 15, 2015

Exhibit "A"

SCOPE OF SERVICES

Financial Management Number: 435465-1-58-01

Project Description and Limits of Construction:

The LOCAL GOVERNMENT shall cause to be installed landscaping and other improvements within the Right of Way of State Road 5 between Volco Road and Boston Road; between Louisa Street and West Ocean Avenue; and between Lamont Street and Tenth Street (Section 79010000; Milepost 11.908 to Milepost 13.941; Milepost 14.979 and Milepost 15.345; and Milepost 15.794 to Milepost 16.663) and of State Road 442 between Interstate 95 and US 1 (Section 79210000; Milepost 0.00 to Milepost 3.78). The LOCAL GOVERNMENT will also be responsible for construction engineering and inspection.

The landscaping design for the project locations on State Road 5 (US 1) between Lamont Street and 10th Street and between Louisa Street and West Ocean Avenue and on State Road 442 between Interstate 95 to US 1 shall meet the DEPARTMENT'S criteria for Bold Landscape Requirements with more emphasis on more large trees and fewer shrubs to increase "curb appeal". Shrubs can be used when and where they are part of the best design solution.

Any and all other work to be performed within the Department's Right of Way as a part of this Project shall be reflected on Design Plans for the Project. In no instance may improvements be installed or constructed within Department Right of Way unless and until Design Plans have been reviewed and accepted and a Notice to Proceed has been issued by the Department.

Deliverables:

The LOCAL GOVERNMENT shall construct and complete the Project in accordance with the Standard Specifications for Road and Bridge Construction, current edition, and as amended from time to time.

The DEPARTMENT shall reimburse the LOCAL GOVERNMENT only for the cost of purchase of the plant materials, fertilizer, and the cost for labor associated with the installation of the planting. The LOCAL GOVERNMENT agrees to bear all expenses in excess of the DEPARTMENT'S participation.

- The Local Government will be responsible to prepare all planting areas by removing sod, adding soil amendments and adjusting grade for proper planting as specified in the plans when accepted by the DEPARTMENT.
- The Local Government will purchase all trees, palms, and plants for the project and will install them to the specifications shown in the accepted Landscape Plans when accepted by the DEPARTMENT.
- The Local Government will be responsible for fertilizing all trees, palms, and plants.

- The Local Government will purchase, supply and spread organic Mulch on all new plant beds.
- The Local Government will be responsible for staking of all trees planted.
- The Local Government will furnish water to all trees, palms, and plants for the described maintenance period called for in the Landscape Plan specifications.
- The Local Government will be responsible for the growth of all plants for the establishment period called for in the Landscape Plan specifications.
- The Local Government will establish proper Maintenance of Traffic, as needed.
- All work on the Project shall be undertaken and completed in accord with the Terms & Conditions set forth in Exhibit "D".

Any proposed additional work to be performed by the LOCAL GOVERNMENT within the limits of this Project, and not reimbursable under this Agreement, shall be included in the LOCAL GOVERNMENT'S DEPARTMENT accepted plans and in Exhibit "A", Scope of Services.

The parties hereto acknowledge and agree that the design plans for this Project are not yet complete and are subject to review by the DEPARTMENT. Upon final acceptance by the DEPARTMENT, this Agreement shall be amended to include said plans in the Agreement. The parties further agree that the plans will be incorporated into the terms of this Agreement by reference and that the City of Edgewater hereby approves and delegates to Tracey Barlow, City Manager, the authority to enter into an amendment of this Agreement to accomplish said task. No further Board or Council action shall be required to amend this Agreement for the sole purpose of incorporating the plans.

No work shall be undertaken on the Project until a written Notice to Proceed has been issued by the Department.

Exhibit "B"

ESTIMATED SCHEDULE OF FUNDING

Financial Management Number: 435465-1-58-01

For satisfactory completion of all services related to the purchase of the plant materials, fertilizer, and the cost for labor associated with the installation of the planting detailed in Exhibit "A" (Scope of Work) of this Agreement, the DEPARTMENT will reimburse the LOCAL GOVERNMENT an amount not to exceed **\$500,000.00 (Five Hundred Thousand Dollars and No/100)** for actual costs incurred.

The LOCAL GOVERNMENT may receive progress payments for actual costs incurred for deliverables based on a percentage of services that have been completed, approved and accepted to the satisfaction of the DEPARTMENT when properly supported by detailed invoices and acceptable evidence of payment. The final balance due under this Agreement will be reimbursed upon the completion of all Project services, receipt of final construction cost documentation and proper submission of a detailed invoice and when the Project has been inspected, approved and accepted to the satisfaction of the DEPARTMENT in writing.

Exhibit "C"

ESTIMATED PROJECT PRODUCTION SCHEDULE

Financial Management Number:

| | |
|--|--------------|
| Advertises for bids | March 2015 |
| Bids Construction (bid opening) | |
| Select Construction Firm (BCC approval) | |
| Give NTP | May 2015 |
| Earliest Construction Start | May 2015 |
| Latest Construction Finish | January 2016 |
| Construction Contract Closeout | April 2016 |
| Final Invoice and Closeout Documentation to the Department | May 2016 |

Exhibit "D"

TERMS & CONDITIONS OF CONSTRUCTION

Financial Management Number: 435465-1-58-01

1. The LOCAL GOVERNMENT is authorized, subject to the conditions set forth herein, to enter DEPARTMENT right-of-way to perform all activities necessary for the construction of the Project (as described more fully in Exhibit "A"). The Project shall be constructed in accordance with construction plans and specifications to be accepted by the DEPARTMENT and consistent with the requirements of the DEPARTMENT. The plans shall include an appropriate plan for maintenance of traffic. Should any significant (as defined by §4-3 of Standard Specifications for Road and Bridge Construction, current edition, and as amended from time to time) changes to the plans be required during construction of the Project, the LOCAL GOVERNMENT shall be required to notify the DEPARTMENT of the changes and receive approval from the DEPARTMENT prior to the changes being constructed. The DEPARTMENT reserves the right to adjust the plans to meet the requirements of permits. The LOCAL GOVERNMENT shall be responsible to maintain the area of the Project at all times during construction of the Project. All payment and performance bonds shall name the DEPARTMENT as an additional obligee. All warranties on any product or material used in construction of said Project shall be in favor of the DEPARTMENT. The LOCAL GOVERNMENT shall assure that the Engineer of Record performs all necessary post-design services that may be required.

2. The LOCAL GOVERNMENT shall have the affirmative responsibility to locate all existing utilities, both aerial and underground and that all utility locations shall be represented on the construction plans. All utility conflicts shall be fully resolved directly with the applicable utility. The LOCAL GOVERNMENT shall be obligated to design around any utility installation for which the conflict cannot be resolved. Said utility work shall be deemed to be undertaken on behalf of and for the benefit of the DEPARTMENT and the LOCAL GOVERNMENT shall assure that utility work schedules are obtained for the Project.

3. The work performed pursuant to this Agreement may require authorization under the Clean Water Act, by the U.S. Environmental Protection Agency for Storm Water Discharges from construction sites. The LOCAL GOVERNMENT is responsible for obtaining the National Pollutant Discharge Elimination System Permit and all other necessary permits for construction of the Project. When applicable, such permits will be processed in the name of the DEPARTMENT; however, in such event, the LOCAL GOVERNMENT will comply with all terms and conditions of such permit in construction of the subject facilities.

4. This Agreement shall act to supersede the normal requirements of the LOCAL GOVERNMENT to secure separate DEPARTMENT permits for drive-way connection, right-of-way utilization, storm-water discharge and utilities and this Agreement is deemed to constitute such permits.

5. It is expressly agreed by the parties that this Agreement creates a permissive use only and that neither the granting of the permission herein to use DEPARTMENT and/or LOCAL GOVERNMENT right-of-way nor the placing of facilities upon DEPARTMENT and/or LOCAL GOVERNMENT land shall operate to create or vest any property right in the LOCAL GOVERNMENT except as otherwise provided in separate agreements.

6. The DEPARTMENT shall appoint and authorize a single individual to serve as the DEPARTMENT'S representative to coordinate and manage the DEPARTMENT review of LOCAL GOVERNMENT activities pursuant to this Agreement. The LOCAL GOVERNMENT shall provide a current construction schedule to the DEPARTMENT'S representative and shall notify the representative at least 48 hours in advance of starting proposed work and again immediately upon completion of work.

7. The LOCAL GOVERNMENT shall utilize only a DEPARTMENT prequalified prime contractor for the Project.

8. The LOCAL GOVERNMENT shall hire a DEPARTMENT Pre-qualified Consultant Construction Engineering Inspection firm (CCEI) to perform construction oversight including the obligation to assure that any and all verification testing is performed in accordance with the Standard Specifications for Road and Bridge Construction, current edition, and as amended from time to time. The DEPARTMENT shall have the right, but not the obligation, to perform independent assurance testing during the course of construction of the Project. The CCEI firm shall not be the same firm as that of the Engineer of Record for the Project.

9. The LOCAL GOVERNMENT shall require the LOCAL GOVERNMENT'S contractor to post a bond in accordance with Section 337.18, Florida Statutes.

10. The LOCAL GOVERNMENT shall not modify the intent of the design plans or the maintenance of traffic concept without appropriate submission by the Engineer of Record (the "Engineer") and approval by the DEPARTMENT. Provided, however, in the event of an emergency, the LOCAL GOVERNMENT shall immediately make any necessary changes and notify the DEPARTMENT and the Engineer of Record after the modifications.

11. The DEPARTMENT may request and shall be granted a conference with the LOCAL GOVERNMENT and at the LOCAL GOVERNMENT'S option, the LOCAL GOVERNMENT'S CEI firm, to discuss any part of the Project activities that the DEPARTMENT determines to be inconsistent with the accepted design plans and specifications. The LOCAL GOVERNMENT will monitor the corrective action and provide the DEPARTMENT status reports at such intervals as are reasonable, based on the corrective action undertaken, and the DEPARTMENT may, but is not obligated to, review independently the progress of the corrective action. Provided however, if the DEPARTMENT determines a condition exists which threatens the public's safety, the DEPARTMENT may, at its discretion, issue an immediate stop work order.

12. The LOCAL GOVERNMENT shall have the continuous obligation to monitor the maintenance of traffic and construction operation during the course of the Project so that the safe and efficient movement of the traveling public is maintained. The LOCAL GOVERNMENT is further obligated to make such changes to the maintenance of traffic plans as may be necessary. During construction, the LOCAL GOVERNMENT shall take measures, including the placing and display of safety devices that are necessary in order to safely conduct the public through the Project area in accordance with the latest and current version of the Federal Highway Administration Manual on Uniform Traffic Control Devices for Streets and Highways, and the DEPARTMENT'S Standard Specifications for Road and Bridge construction, current edition, and the DEPARTMENT'S Roadway and Traffic Design Standards, current edition, and as those sources may be amended from time to time. The

LOCAL GOVERNMENT may assign the responsibility of this paragraph to the Contractor or its' CEI for the construction of the Project.

13. Prior to the Project bidding, the LOCAL GOVERNMENT shall provide a project schedule that includes, at a minimum, the date the Project will be advertised for bid, the bid opening date, the award date and the date of the preconstruction conference.

14. It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the DEPARTMENT'S right, title and interest in the land to be entered upon and used by the LOCAL GOVERNMENT. Any additional right or privilege required to undertake and to complete construction of the Project shall be secured by the LOCAL GOVERNMENT.

15. Upon completion of the work in accord with the Plans, the LOCAL GOVERNMENT shall furnish a set of "as-built" plans prepared in accordance with the FDOT Construction Project Administration Manual, Chapter 5.12 (FDOT Procedure #700-000-00). The "as-built" plans shall be certified by the Engineer of Record/CEI that the necessary improvements have been completed in accordance with the Plans as the same may be modified in accord with the terms of this Agreement. This certification shall include a statement that necessary inspections, tests, and physical measurements have been made, and that all materials entering into the work conform to the Plans, conform to the applicable specifications contained in the Standard Specifications for Road and Bridge Construction, current edition, and as amended from time to time, or otherwise conform to or meet generally accepted professional practices. Additionally, the LOCAL GOVERNMENT shall assure that all post construction survey monumentation required by Florida Statutes is completed and evidence of such is provided to the DEPARTMENT in a manner acceptable to the DEPARTMENT. Upon acceptance of right-of-way documents, then the Project shall be deemed accepted by and turned over to the DEPARTMENT.

16. In the event contaminated soil is encountered by the LOCAL GOVERNMENT or anyone within the DEPARTMENT right of way, the LOCAL GOVERNMENT shall immediately cease work and notify the DEPARTMENT. The DEPARTMENT shall coordinate with the appropriate agencies and notify the LOCAL GOVERNMENT of any required action related thereto.

17. It is acknowledged by the parties that construction plans and specifications are still being prepared by the LOCAL GOVERNMENT as of the date of this Agreement. Construction of the Project will not commence until the DEPARTMENT has accepted the construction plans and specifications as provided for in Paragraph 1 and all required right-of-way has been properly obtained and certified (if applicable) as such by the DEPARTMENT'S Right of Way Manager.

18. If applicable, the LOCAL GOVERNMENT shall assure that load ratings are submitted on any vehicular bridge prior to the final submission of the structure plans for DEPARTMENT review. Structures shall not be opened to traffic until a signed and sealed final bridge load rating that meets the Florida legal loads standard is complete.

Exhibit "E"

NOTICE OF COMPLETION

JOINT PARTICIPATION AGREEMENT

Between

THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
and the CITY OF EDGEWATER

PROJECT DESCRIPTION: Landscaping Improvements in the Median on State Road 5/US 1
Between Volco Road and Boston Road; between Louisa Street and West Ocean Avenue; and
Between Lamont Street and 10th Street and on State Road 442 from Interstate 95 to US 1.

FINANCIAL MANAGEMENT ID#435465-1-58-01

In accordance with the Terms and Conditions of the JOINT PARTICIPATION AGREEMENT, the undersigned hereby provides notification that the work authorized by this Agreement is complete as of _____, 20__.

By: _____

Name: _____

Title: _____

**LANDSCAPE ARCHITECT'S CERTIFICATION OF SUBSTANTIAL
COMPLIANCE**

In accordance with the Terms and Conditions of the JOINT PARTICIPATION AGREEMENT, the undersigned hereby certifies that all work which originally required certification by a Registered Landscape Architect has been completed in substantial compliance with the Project construction plans and specifications. If any deviations have been made from the accepted plans, a list of all deviations along with an explanation that justifies the reason to accept each deviation will be attached to this Certification.

By: _____, P.E.

SEAL:

Name: _____

Date: _____

Exhibit "F"

RESOLUTION

Financial Management Number: 435465-1-58-01

RESOLUTION NO. 2015-R-14

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EDGEWATER, FLORIDA; RESOLUTION FOR APPROVAL AND EXECUTION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) JOINT PARTICIPATION AGREEMENT - FM #435465-1-58-01 RELATING TO THE LANDSCAPING IMPROVEMENTS IN THE MEDIAN ON STATE ROAD 5/US #1 BETWEEN VOLCO ROAD AND BOSTON ROAD; BETWEEN LOUISA STREET AND WEST OCEAN AVENUE; AND BETWEEN LAMONT STREET AND 10TH STREET AND ON STATE ROAD #442 FROM INTERSTATE I-95 TO US #1; REPEALING RESOLUTIONS IN CONFLICT HERewith AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, the City of Edgewater and the Florida Department of Transportation (FDOT) would like to enter into a Joint Participation Agreement for Project (FM #435465-1-58-01) known as “Landscaping Improvements in the median on State Road 5/US #1 between Volco Road and Boston Road; between Louisa Street and West Ocean Avenue; and between Lamont Street and 10th Street and on State Road #442 from Interstate I-95 to US #1.

WHEREAS, the FDOT has requested the City of Edgewater execute and deliver the Joint Participation Agreement for the aforementioned project, FM #435465-1-58-01.

NOW, THEREFORE, be it resolved by the City Council of Edgewater, Florida:

Section 1. The City Council of the City of Edgewater hereby approves entering into the Joint Participation Agreement – FM #435465-1-58-01 (which is attached hereto and incorporated herein as Exhibit “A”) and authorizes the Mayor to execute the agreement relating to “Landscaping Improvements in the Median on State Road 5/US #1 between Volco Road and Boston Road; between Louisa Street and West Ocean Avenue; and between Lamont Street and 10th Street and on State Road #442 from Interstate I-95 to US #1.

Section 2. All resolutions or parts of resolutions in conflict herewith be and same are hereby repealed.

Section 3. If any portion of this resolution is for any reason held or declared to be

unconstitutional, inoperative, or void, such holding shall not affect the remaining portions of this resolution. If this resolution or any provisions thereof shall be held to be inapplicable to any person, property, or circumstances, such holding shall not affect its applicability to any other person, property, or circumstance.

Section 4. This resolution shall take effect upon adoption.

After a motion to approve by Councilman Conroy with Second by Councilwoman Power, the vote on this resolution held on April 6, 2015 was as follows:

| | AYE | NAY |
|------------------------------|----------|---------------|
| Mayor Mike Ignasiak | <u>X</u> | <u> </u> |
| Councilwoman Christine Power | <u>X</u> | <u> </u> |
| Councilwoman Gigi Bennington | <u>X</u> | <u> </u> |
| Councilman Dan Blazi | <u>X</u> | <u> </u> |
| Councilman Gary T. Conroy | <u>X</u> | <u> </u> |

PASSED AND DULY ADOPTED this 6th day of April, 2015.

ATTEST:

**CITY COUNCIL OF THE
CITY OF EDGEWATER, FLORIDA**

Bonnie Wenzel
Bonnie Wenzel
City Clerk

By: Mike Ignasiak
Mike Ignasiak
Mayor

Robin L. Matusick
Robin L. Matusick
Paralegal

For the use and reliance only by the City of Edgewater, Florida. Approved as to form and legality by:
Aaron R. Wolfe, Esquire
City Attorney
Doran, Sims, Wolfe, Kundid,
Ciocchetti & Wagner

Approved by the City Council of the City of Edgewater at a meeting held on this 6th day of April, 2015 under Agenda Item No 8 C.