SECTION No.:

8700600

Permit No.:

2018-L-491-012

COUNTY: S.R. No.:

Broward 842

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FOUR LANDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT

THIS AGREEMENT, made and entered into this 20 , day of by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, a component agency of the State of Florida, hereinafter called the DEPARTMENT and the City of Fort Lauderdale, a municipal corporation, existing under the Laws of Florida, hereinafter called the AGENCY.

WITNESSETH:

WHEREAS, the DEPARTMENT has jurisdiction over State Road 842 (Broward Boulevard) as part of the State Highway System as described in Exhibit "A"; and

WHEREAS, the AGENCY seeks to have installed by permit and maintain certain landscape improvements within the right of way of State Road 842 (Broward Boulevard) as described within Exhibit "B"; and

WHEREAS, as part of the continual updating of the State of Florida Highway System, the DEPARTMENT, for the purpose of safety, protection of the investment and other reasons, has constructed and does maintain the highway facility as described in Exhibit "A" attached hereto and incorporated by reference herein, within the corporate limits of the AGENCY; and

WHEREAS, the AGENCY is agreeable to maintaining those landscape improvements within the AGENCY'S limits including plant materials, irrigation system and/or hardscape which may contain specialty surfacing (concrete pavers, color stamped concrete and color stamped asphalt [also known as patterned pavement]) including any other nonstandard hardscape (if applicable), but excluding standard concrete sidewalk, and agree such improvements shall be maintained by periodic mowing, fertilizing, weeding, litter pick-up, pruning, necessary replanting, irrigation repair and/or repair of the median concrete replacements associated with the specialty surfacing (if applicable) as needed; and

WHEREAS, it is the intent of the AGENCY and the DEPARTMENT that the AGENCY shall maintain all right of way within the medians, outside the travelway and improvements made to the travelway that was made at the request of the AGENCY; and

WHEREAS, the parties hereto mutually recognize the need for entering into an Agreement designating and setting forth the responsibilities of each party; and

WHEREAS, the	AGENCY	by Re	esolution	No.		dated		, 20,
attached hereto and	d by this refe	erence	made a	part hereof,	desires	to enter	into this	Agreement
and authorizes its of	fficers to do	so; and	d				^	9

NOW THEREFORE, for and in consideration of the mutual benefits to flow each to the other, the parties covenant and agree as follows:

1. The recitals set forth above are true and correct and are deemed incorporated herein.

2. INSTALLATION OF FACILITIES

The AGENCY shall install and agrees to maintain the landscape improvements described herein as: plant materials, irrigation and/or hardscape on the highway facilities substantially as specified in plans and specifications hereinafter referred to as the Project (s) and incorporated herein as Exhibit "B". Hardscape shall mean, but not be limited to any site amenities such as landscape accent lighting, bike racks, fountain, tree grates, decorative free standing wall, and/or sidewalk, median and/or roadway specialty surfacing such as concrete pavers, stamped colored concrete and/or stamped colored asphalt (also known as patterned pavement).

- All plant materials shall be installed and maintained in strict accordance with sound nursery practice prescribed by the International Society of Arboriculture (ISA). All plant materials installed shall be Florida #1 or better according to the most current edition of Florida Department of Agriculture, Florida Grades and Standards for Nursery Stock; and all trees shall meet Florida Power & Light, Right Tree, Right Place, South Florida.
- Trees and palms within the right of way shall be installed and pruned to prevent encroachment to roadways, lateral offsets and sidewalks. Definition of these criteria is included in the most current editions of FDOT standards for design, construction, maintenance, and utility operations on the state highway system and Exhibit "C", the Maintenance Plan.
- Tree and palm pruning shall be supervised by properly trained personnel trained in tree pruning techniques and shall meet the most current standards set forth by the International Society of Arboriculture (ISA) and the American National Standard Institute (ANSI), Part A-300,
- Irrigation installation and maintenance activities shall conform to the standards set forth by the Florida Irrigation Society (FIS) latest edition of FIS, Standards and Specifications for Turf and Landscape Irrigation Systems.
- The AGENCY shall provide the FDOT Local Operation Center accurate as-built plans of the irrigation system so if in the future there is a need for the DEPARTMENT to perform work in the area, the system can be accommodated as much as possible. (See paragraph (I) for contact information)
- If it becomes necessary to provide utilities (water/electricity) to the median or side areas, it shall be the AGENCY'S responsibility to obtain a permit for such work

- through the local Operations Center (see paragraph (I) below) and the AGENCY shall be responsible for all associated fees for the installation and maintenance of these utilities.
- (g) All specialty surfacing shall be installed and maintained in strict accordance with the most current edition of the *Florida Accessibility Code for Building Construction* and the *Interlocking Concrete Pavement institute (ICPI)*.
- (h) All activities, including landscape improvements installation and future maintenance operations performed on State highway right of way, must be in conformity with the most current edition of the Manual on Uniform Traffic Control (MUTCD) and FDOT Design Standards, Index 600 Series, Traffic Control through Work Zones.
- (i) The most current edition of *FDOT Design Standards*, Index 546 (Sight Distance at Intersections) must be adhered to.
- (j) Lateral Offsets as specified in the *FDOT Plans Preparation Manual*, Volume 1, Chapters 2 and 4 must be adhered to.
- (k) Landscape improvements shall not obstruct roadside signs or permitted outdoor advertising signs, (see Florida Administrative Code [F.A.C.] Rule Chapter 14-10.)
- (I) The AGENCY shall provide the local FDOT Operation Center located at Broward Operations, 5548 NW 9th Avenue, Fort Lauderdale, FL 33309, (954)776-4300, a twenty-four (24) hour telephone number and the name of a responsible person that the DEPARTMENT may contact. The AGENCY shall notify the local maintenance office forty-eight (48) hours prior to the start of the landscape improvements.
- (m) If there is a need to restrict the normal flow of traffic, it shall be done on non-holiday, weekday off-peak hours (9 AM to 3 PM), and the party performing such work shall give notice to the local law enforcement agency within whose jurisdiction such road is located prior to commencing work on the landscape improvements. The DEPARTMENT'S Operation Center Public Information Officer (see telephone number in Paragraph (1) shall also be notified.
- (n) The AGENCY shall be responsible to clear all utilities within the landscape improvement limits before construction commences.
- (o) The AGENCY shall follow the minimum level of maintenance guidelines as set forth in FDOT'S Rule Chapter 14-40 Highway Beautification and Landscape Management, in the FDOT Guide to Roadside Mowing and Maintenance Management System, and Exhibit "C", the Maintenance Plan for maintenance activities for landscape improvements.

3. MAINTENANCE OF FACILITIES

- A. The AGENCY agrees to maintain the landscape improvements, as existing and those to be installed, within the physical limits described in Exhibit "A" and as further described in Exhibit "B". The non-standard improvements within and outside the travelway shall be maintained by the AGENCY regardless if the said improvement was made by the DEPARTMENT, the AGENCY, or others authorized pursuant to Section 7, by periodic mowing, pruning, fertilizing, weeding, curb and sidewalk edging, litter pickup, necessary replanting, irrigation system repair and/ or repair of any median concrete replacement associated with specialty surfacing (if applicable) following the DEPARTMENT'S landscape safety and maintenance guidelines, Exhibit "C", the Maintenance Plan. The AGENCY'S responsibility for maintenance shall include all landscaped, turfed and hardscape areas on the sidewalk or within the medians and areas outside the travelway to the right of way and/or areas within the travelway containing specialty surfacing. It shall be the responsibility of the AGENCY to restore an unacceptable ride condition of the roadway caused by the differential characteristics of non-standard travelway surfacing (if applicable) on DEPARTMENT right of way within the limits of this Agreement.
- B. Such maintenance to be provided by the AGENCY is specifically set out as follows: to maintain, which means to properly water and fertilize all plant materials; to keep them as free as practicable from disease and harmful insects; to properly mulch the planting beds; to keep the premises free of weeds; to mow the turf to the proper height; to properly prune all plants which at a minimum includes: (1) removing dead or diseased parts of plants, (2) pruning such parts thereof to provide clear visibility to signage, permitted outdoor advertising signs per Florida Statute 479.106 and for those using the roadway and/or sidewalk; (3) preventing any other potential roadway hazards. Plant materials shall be those items which would be scientifically classified as plants and including trees, palms, shrubs, groundcover and turf. To maintain also means to remove or replace dead or diseased plant materials in their entirety, or to remove or replace those that fall below original project standards. Palms shall be kept fruit free year-round. To maintain also means to keep the header curbs that contain the specialty surfacing treatment in optimum condition. To maintain also means to keep the nonstandard hardscape areas clean, free from weeds and to repair said hardscape as is necessary to prevent a safety hazard. To maintain also means to keep litter removed from the median and areas outside the travel way to the right of way line. All plants removed for whatever reason shall be replaced by plants of the same species type, size, and grade as specified in the original plans and specifications. Any changes to the original plans shall be submitted by permit application to the DEPARTMENT for review and approval.
- C. If it becomes necessary to provide utilities (water/electricity) to the medians or areas outside the travelway to maintain these improvements, all costs associated with the utilities associated for the landscape improvements including any impact and/or connection fees, and the on-going cost of utility usage for water and electrical, are the maintaining AGENCY'S responsibility.

The AGENCY shall be directly responsible for impact and connection fees.

D. The maintenance functions to be performed by the AGENCY may be subject to periodic inspections by the DEPARTMENT at the discretion of the DEPARTMENT. Such inspection findings will be shared with the AGENCY and shall be the basis of all decisions regarding, repayment, reworking or agreement termination. The AGENCY shall not change or deviate from said plans without written approval of the DEPARTMENT.

4. NOTICE OF MAINTENANCE DEFICIENCIES

- A. If at any time after the AGENCY has undertaken the landscape improvements installation and/or maintenance responsibility for the landscape improvements it shall come to the attention of the DEPARTMENT'S District Secretary that the limits, or a part thereof, are not properly maintained pursuant to the terms of this Agreement, said District Secretary, may at his/her option, issue a written notice that a deficiency or deficiencies exist(s), by sending a certified letter to the AGENCY, to place said AGENCY on notice thereof. Thereafter, the AGENCY 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, at its option, proceed as follows:
 - (1) Maintain the landscape improvements or any part thereof, with the DEPARTMENT or Contractor's personnel and invoice the AGENCY for expenses incurred, and/or
 - (2) At the discretion of the DEPARTMENT, terminate the Agreement in accordance with Paragraph 8 of this Agreement and remove, by the DEPARTMENT or Contractor's personnel, all of the landscape improvements installed under this Agreement or any preceding Agreements, except as to trees and palms, and charge the AGENCY the reasonable cost of such removal.

5. FUTURE DEPARTMENT IMPROVEMENTS

It is understood between the parties hereto that the landscape improvements covered by this Agreement may be removed, relocated, or adjusted at any time in the future, as determined to be necessary by the DEPARTMENT in order that the adjacent state road be widened, altered, or otherwise changed to meet future criteria or planning needs of the DEPARTMENT.

The AGENCY shall be given sixty (60) calendar day notice to remove said landscape improvements at the AGENCY's expense after which time the DEPARTMENT may remove same. All permits (including tree permits), fees, and any mitigation associated with the removal, relocation or adjustments of these improvements are the maintaining AGENCY'S responsibility.

6. FUTURE AGENCY IMPROVEMENTS

The AGENCY may construct additional landscape improvements within the limits of the landscape improvements rights of ways identified as a result of this document, subject to the following conditions:

- (a) Plans for any new landscape improvements shall be subject to approval by the DEPARTMENT. The AGENCY shall not change or deviate from said plans without written approval by the DEPARTMENT.
- (b) All landscape improvements shall be developed and implemented in accordance with appropriate state safety and roadway design standards.
- (c) The AGENCY agrees to comply with the requirements of this Agreement with regard to any additional landscape improvements it chooses to have installed and there will be no cost to the DEPARTMENT.

7. ADJACENT PROPERTY OWNER IMPROVEMENTS

The DEPARTMENT may allow an adjacent property owner to construct additional landscape improvements within the limits of the right of way identified in **Exhibit "A"** of this Agreement that the AGENCY shall be responsible for maintaining under this Agreement, subject to the following conditions:

- (a) Plans for any new landscape improvements shall be subject to approval by the DEPARTMENT and shall require a valid permit attached with a letter of consent to said plans by the AGENCY. The plans shall not be changed or deviated from without written approval by the DEPARTMENT and the AGENCY.
- (b) All landscape improvements shall be developed and implemented in accordance with appropriate state safety and roadway design standards.
- (c) The AGENCY agrees to comply with the requirements of this Agreement with regard to any additional landscape improvements installed by an adjacent owner.

8. AGREEMENT TERM

- (a) The term of this Agreement commences upon execution by all parties. The term of this Agreement shall remain in effect for twenty-five (25) years.
- (b) If the DEPARTMENT chooses to cancel the landscape improvements described in **Exhibit** "B", this Agreement becomes void and the original Agreement is reinstated, if any.

9. LIABILITY AND INSURANCE REQUIREMENTS .

A. With respect to any of the AGENCY'S agents, consultants, sub-consultants, contractors and/or sub-contractors, such party in any contract for the landscape improvements shall agree to indemnify, defend, save and hold harmless the DEPARTMENT from all claims, demands, liabilities, and suits of any nature arising out of, because of or due to any intentional and/or negligent act or occurrence, omission or commission of such agents, consultants, subconsultants, contractors and/or subcontractors. The AGENCY shall provide to the DEPARTMENT written evidence of the foregoing upon the request of the DEPARTMENT. It is specifically understood and agreed that this indemnification clause does not cover or indemnify the DEPARTMENT for its own negligence.

- B. In the event that AGENCY contracts with a third party to provide the services set forth herein, any contract with such third party shall include the following provisions:
 - (1) AGENCY'S contractor shall at all times during the term of this Agreement keep and maintain in full force and effect, at contractor's sole cost and expense, Comprehensive General Liability with minimum limits of \$1,000,000.00 per occurrence combined single limit for Bodily Injury Liability and Property Damage Liability and Worker's Compensation insurance with minimum limits of \$500,000.00 per Liability. Coverage must be afforded on a form no more restrictive than the latest edition of the Comprehensive General Liability and Worker's Compensation policy without restrictive endorsements, as filed by the Insurance Services Office. The AGENCY and DEPARTMENT shall be named as additional insured on such policies.
 - (2) AGENCY'S contractor shall furnish AGENCY with Certificates of Insurance of Endorsements evidencing the insurance coverage specified herein prior to the beginning performance of work under this Agreement.
 - (3) Coverage is not to cease and is to remain in full force and effect (subject to cancellation notice) until all performance required of AGENCY'S contractor is completed. All policies must be endorsed to provide the DEPARTMENT with at least thirty (30) day notice of cancellation and or/or restriction. If any of the insurance coverage will expire prior to the completion of work, copies of renewal policies shall be furnished at least (30) days prior to the date of expiration.

10. E-VERIFY REQUIREMENTS

The AGENCY shall:

- (a) Utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the AGENCY during the term of the contract; and
- (b) Expressly require any 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 subcontractor during the contract term.

11. SUPERSEDED AGREEMENTS

This writing embodies the entire Agreement and understanding between the parties hereto and there are no other Agreements and understanding, oral or written, with reference to the subject matter hereof that are not merged herein and superseded hereby (except the associated Grant Joint Participation Agreement if applicable).

12. FISCAL TERMS

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 will/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 TWENTY-FIVE THOUSAND DOLLARS (\$25,000.00) and which have a term for a period of more than one year.

13. DISPUTES

The DEPARTMENT'S District Secretary shall decide questions, difficulties, and disputes of any nature whatsoever that may arise under or by reason of this Agreement, the prosecution or fulfillment of the service hereunder and the character, quality, amount and value thereof. Should the AGENCY disagree with the DEPARTMENT's District Secretary's decision, the AGENCY may pursue any and all legal and equitable remedies available under this Agreement.

14. ASSIGNMENT

This Agreement may not be assigned or transferred by the AGENCY, in whole or in part, without the prior written consent of the DEPARTMENT.

15. LAWS GOVERNING

This Agreement shall be governed by and construed in accordance with the laws of the State of Florida. In the event of a conflict between any portion of the contract and Florida law, the laws of Florida shall prevail. Venue with respect to judicial proceedings arising out of this Agreement shall be in Broward County, Florida.

16. NOTICES

Any and all notices given or required under this Agreement shall be in writing and either personally delivered with receipt acknowledgement or sent by certified mail, return receipt requested. All notices shall be sent to the following addresses:

If to the DEPARTMENT: State of Florida Department of Transportation 3400 West Commercial Blvd. Ft. Lauderdale, FL 33309-3421 Attention: FDOT District IV Landscape Architect

If to the AGENCY: City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale, FL 33301 Attention: Christopher J. Lagerbloom Title: City Manager

17. LIST OF EXHIBITS

Exhibit A: Landscape Improvements Maintenance Boundaries Exhibit B: Landscape Improvement Plans

Exhibit C: Maintenance Plan for Landscape Improvements

IN WITNESS WHEREOF, the parties hereto have executed this Agreement effective the day and year first above written.

CITY OF FORT LAUDER	DALE	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			
By:Chairperson/Mayor/M	anager	By: Transportation Devel	opment Director		
Attest:Clerk	(SEAL)	Attest:Executive Sec	(SEAL) cretary		
Legal Review	Date	Legal Review	Date		
		Office of the General Cou	unsel		

SECTION No.:

8700600

Permit No.:

2018-L-491-012 **Broward**

COUNTY: S.R. No.;

842

EXHIBIT A

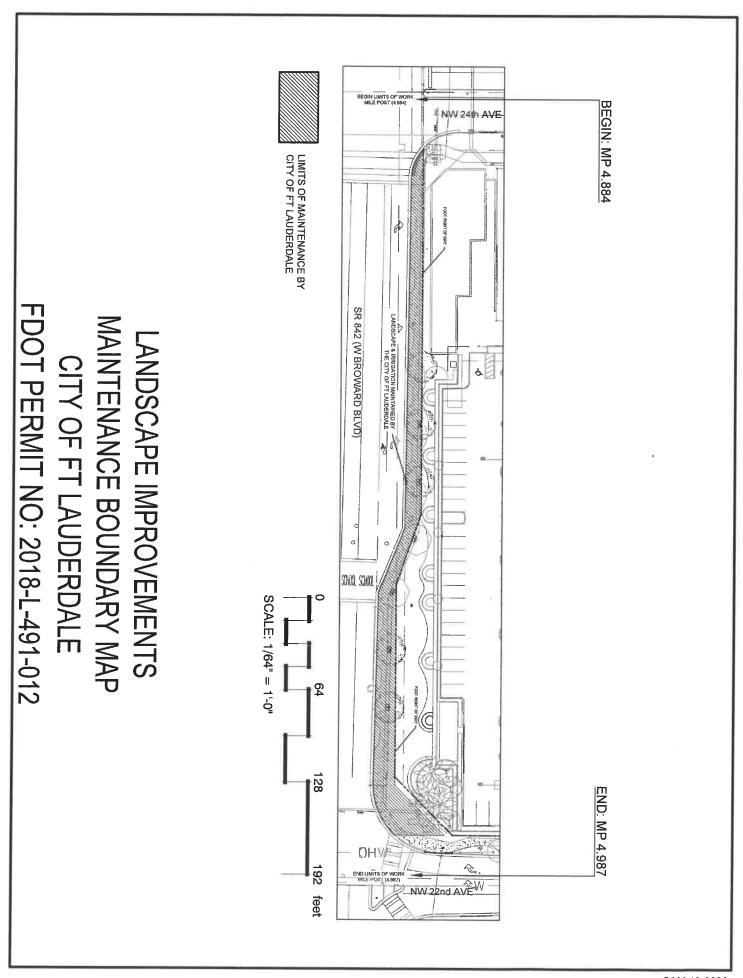
LANDSCAPE IMPROVEMENTS MAINTENANCE BOUNDARIES

I. LIMITS OF MAINTENANCE FOR LANDSCAPE IMPROVEMENTS:

State Road 842 from N.W. 24nd Avenue (M.P. 4.884) east to N.W. 22TH Avenue (M.P. 4.987)

II. LANDSCAPE IMPROVEMENTS MAINTENANCE RESPONSIBILITIES MAP:

Please see attached map



SECTION No.:

8700600

Permit No.:

2018-L-491-012

COUNTY: S.R. No.:

Broward

842

EXHIBIT B

LANDSCAPE IMPROVEMENT PLANS

The AGENCY agrees to install the landscape improvements in accordance with the plans and specifications attached hereto and incorporated herein.

Please see attached plans prepared by: Hugh Johnson, RLA

Architectural Alliance Landscape

Date: October 23, 2018

These drawings have been developed to comply with the current versions of FoOT specifications and design standard indexes.

"Governing Standards and specifications:
"Governing Standards and specifications for Standards, and 2018 Standard specifications for Road and Bridge Construction, Section 500 Landscape Installation, and any other applicable unders." FDOT SPECIFICATIONS AND DESIGN STANDARDS

ROADWAY DESIGN SPEED FOR SR-842 = 45MPH

PERMIT NO: 2018-L-491-012

SCOPE OF WORK STATE ROAD NO: 842 MILE POST: 4.844 TO 4.987

STRAYER UNIVERSITY



CS-1 COVER SHEET INDEX OF SHEETS

LP-1 LANDSCAPE PLAN LP-2 PLANTING NOTES & DETAILS LANDSCAPE ARCHITECTURE

Sheet Description COVER SHEET

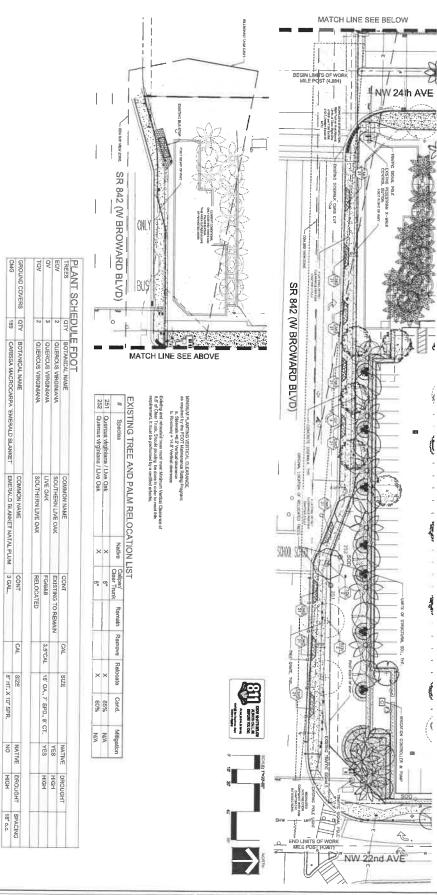
IRRIGATION IRRIGATION PLAN
IRRIGATION DETAILS

Redease Date
1-18-18
Project Number
1830B
Drawks Number

FDOT PERMIT SET

STRAYER UNIVERSITY
2307 W BROWARD BLVD
FORT LAUDERDALE, FLORIDA







PERMIT SET

STRAYER UNI VERSITY

2307 W BROWARD BLVD '
FORT LAUDERDALE, FLORIDA





FDOT GENERAL NOTES

All materials and construction within the Florida Department of Transportation Design (F.D.O.T.) right-of-way shall conform to the misest edition FDOT Design Standards and Standard Specifications for

Maintenance of Traffic (MOT) for this project will comply with FDOT Standard Index (600 Series) and the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD), Special attention will be given to FDOT Design Standard Index 611, 612, 613, and 660.

Contractor shall repair any and all damage done to FDOT property during demolition, relocation &/or installation activities at his sole Permittee will restore the Right-Of-Way as a minimum, to its original condition or better in accordance w/ FDOT's latest Standard scifications for Road and Bridge Construction or as directed by the

Ownership of all sultable excavated materials, as determined by the Department, shall remain in the Department until a final acceptance of Department, including asphalt millings. Operations Center or stockpiled in those areas as directed by the he permitted project is fulfilled. Excavated materials shall be hauled by he Permittee, at their cost and expense from the site to the Broward

Permittee will ensure that all locates have been performed prior to scheduling of any WORKING activities. This shall include soft digs to Restricted hours of operations will be from 9:00am to 3:30pm, Monday-Friday), unless otherwise approved by the operations

Services at 954-317-8044, moore@transfieldservices.com. verify vertical and horizontal alignment. Coordination will include a Pre-Construction meeting. sermittee will coordinate all work with David Moore of Transfield

FDOT PLANTING NOTES

For the portion of landscape plant malerial that will be installed within the FDOT Right of Way landscape installation shall comply with current FDOT Maintenance Specifications 580-2.1. Online Reference: http://www.fdot.gov/programmanagement/Maintenance/2018Jan/default.shtm.

For the portion of landscape plant material that will be installed within the FDOT Right of Way refer to FDOT Standard Plans Index 580-001 Landscape Installation. Online Reference: http://www.fdot.gov/design/standardplans/current/IDx/580-001.pdf

Planting details for Shrubs, Groundcovers No Category I or II invasive plants shall be planted on FDOT right of , Trees & Palms are required

Cypress, Mulch is not permitted on FDOT right of way. Mulch permitted to be used are Hardwood Mulch (containing no Cypress products), Recycled Mulch or approved equal, certified by the Mulch and Soll Council (MSC). Submit proof of certification to the FDOT District to follow the most current version of FDOT guidelines per Index 544.

Operations Permit Landscape Inspector upon Inspection

Scoded areas will be in accordance with Design Standard Index 105 and Standard Specifications Sections 162, 570, 981, 982, 983, 987 of the Department's latest edition of Governing Design Standards and Standard Specifications. All disturbed areas will be sodded within one

LP-2

GENERAL PLAYTING REQUIREMENTS All sizes shown for plant material on the plans are to All plant material must meet or exceed these minimal.

hed by the landscape contractor shall be Florida #1 or y "Grades and Standards for Florida Nursary Plants" and for Florida Nursary Traes". All multerial shall be Installed

eas for 60 days after final acceptance by the owner

Il piont material shall be plantied in planting soil that is delihered to the eith in deam loose and fittable condition. All soil shall laws a swit drained characteristi oil matt be free of ill notos, stoks, and objectionable material including weeds at weed section so per CSI specifications. Inches (12") or planting soil 50/50 sanditopsoil mix is required excund reath the root ball of all trees and pains, and 1 cubic yard per 50 beddi

cope and lawn areas shell be intosted by a fully automatic sprinkler sys-to provide 100% coverage of all landscape areas. All heads shall be

Signifigat excitive adequate scate during the installation and during all plant surrantly politods. Deep waitering of all rew trees and pains and any expolentantal waitering that may be required to augment natural schellar and the inspaton is manifolitory to insure proper plant development and shall be provided as a part

I is the sole responsibility of the landscape contractor to insure that all new a 100% overlap as per manulacturers specifications and performance utilizing a rust free water source. Each system shall be installed with

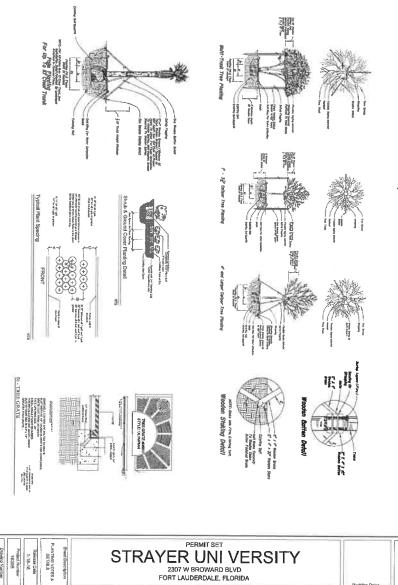
All and areas as inclinated on the plaining plan shall seceive Stemplaphrum secundation. St. Augustine "Parinatio Solid sock. It shall be the responsibility of the landscape conspector to babble in the bid, the regal of any soci which may be demanged from the familiscope installation operations. SPECIAL INSTRUCTIONS

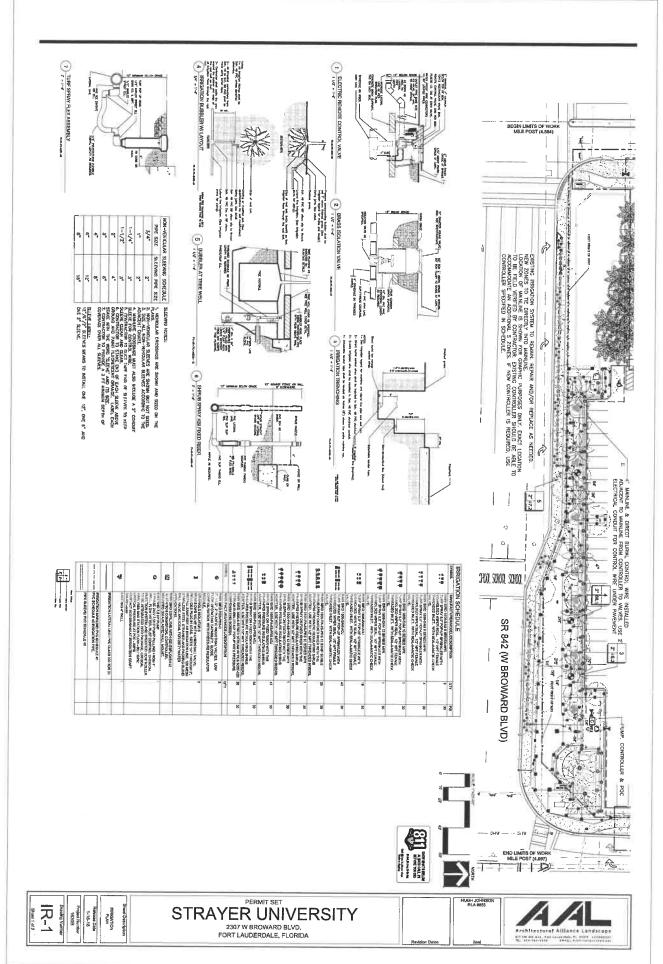
All plant manerial shall be installed with fertitizes, which shall to State approved as a complote fortitizer containing the required machinum of more elements in addition to NFA-X, of which SSX, of the nanogen shall be derived from an organi-source as per CSI appositizations.

over the plant list.

ADDITIONAL INSTRUCTIONS

Architectural Alliance Landscap





irrigation combol wire shall be thormopisstic solid copper, single con sultable for direct buriel and continuous operation at rated voltages. controller wire

Tiepe and bundle control who severy 10 and run alongspise the matrifica. At all turns in direction, make a 2° coil of wire. At all valve boxes zoll white around a 3° pieca of PVC pipe to make a zoll usting 30 linear inches of wire, Make elezation commendars with JAIDSPR commoders.

Number all wires, using an electrical book of numbers, boxes and at the controller.

fra sized, numbered and colored as follows:
#14 white for continon
#14 spare black common
#14 Individual color coded hot wire
#14 spare yellow hot wire

Leaving and normalist, on flow sparse where the oble developes (abolt sparse when single, head as it common sparse) trough prior 3 have there is no shall be considered to the control of the control of

Controlle and pump stater Coanni Princi prouding. Costnetely to utilize it "No"M" copper grounding planes, "No"O' cooper and upounding set One State Coanni Principal Principal

LAYOUT

Lay out brigation system mainlines and lateral lines. Make the necessary adjustments as required to take into account of site obstructions and limitations prior to excavating transhes.

State all sprinther head focations, Adjust location and make the necessary modifications to nozzie types, etc. required to ensure 100% head to head coverage. Refer to the Edge of Pavement Detail on the Infigation Detail sheet.

plany heats shall be installed 4" from aldewalks of curbed readways and 12" from uncurbod crackways and balishg bundations. Rotine shall be installed 4" from aldewalks of curbed readways, 12" from building hondolidorss, and 30" from uncurbad readways.

Shoch hasts and to iscladed or 2 to the PCC desir. The florer shall be set as minimum of the off adaments, readway curride publishing from controllers entering youther betterpoold pass. Stroke flores shall be included as shardfulf height of 2° above maintained height of plants and shall be hastilded a minimum of 9° within halled on shardfulf height of 2° above maintained height of plants and shall be hastilded as of the shart of 10° within halled or be less while and of the remainship. Point off all not them while the beside of cones grown paths, unless tribylishin system will utilize nouse water; in this case the nour shall be pumple PVC and shall not be pathwed.

Locate valves pilot to excavation. Ensure that their location provides for easy access and that there is no intenference with physical structure, plants, test, poles, etc. Valve boxes must be placed a minimum of 12 and a resolument of 15 from the degle of parents out-pilot, etc. and the pol of the core must be 27 above field preside. Not wish boxes and is the minimum of 10 and 10 and

VALVES

Sequence all valves so that the furthest velve from the POC operates first and the clasest to the POC operates last. The closest valve to the POC should be the last valve in the programmed acquence.

Using an electric branding iron, brand the valve ID letterfrumber on the lid of each valve box. This brand must be 2*3* laft and easily (egible. Adjust the flow control on each RCV to ensure shut off in 10 seconds after deactivetion by the irrigation controller.

All pop-up heads and shrub risers shell be pressure compensating. All pop-up heads shall be mounted on flax-type swing joints, All rotors shall be installed with PVC triple joints unless otherwise detailed.

All sprinkler equipment, not otherwise detailed or specified on these plans, shell be installed as per manufacturer's recommendations and specifications, and according to local and state laws.

Scorewe studht and vedked twerches with smooth, flat or stoping bottoms. Trench width and depih should be uturificaer to allow for the proper vertical and hortscrial separation between piping as shown in the pipe installation featil on the detail states.

RENCHING

Proded adulting ilandestaged areas. Remove and registed any damaged plant material upon job compilation. The spilacement material and law or the same open and specieds, and of the same also as the melaterial for registering. The final determination as to what meads to be explaced and the acceptability of the replacement material shall be solely up to the owner or knowled representatives.

INSTALLATION

Gebernt Mod. Egg. Col. all piles squares and deburn. Clean pipe an fillings of knowly markets; the study is small annual of primare which markets are study as small annual of primare which markets are study on a fillings of the pipe shades and pile markets are study as the larger of the pipe shades and pile markets are study as this larger to the pipe, and as the layer leads the fillings and finally another very life to the say, but past to page to the rest fillings and the same that the pipe is fill-and to the tolerand of the stillings and the rest of the country of the one shades are place to the country of the

The back (III of balow, 6' shows, and around all plaing shall be clean sand and empthing beyond that in the trench can be of nealwe mandals but nothing farger from 2' in diameter. All piping and excavations shall be backflated and companies to a dealety of 85's modified Proctor, or greater.

Makri line pape dopth morssure to the top of pipe shall be: 24" minimum for }" - 2}" PVC with a 30" minimum at vehicular crossings; 30" minimum for 3" & 4" PVC with a 36" minimum at vehicular crossings

Lateral line depths measure to top of pipe shell be:

16" minimum for 3" - 3" PVC with a 30" minimum at venicular crossings;
24" minimum for 4" PVC and above with a 30" minimum at venicular crossings.

FLUSHING

TESTING

Schedule lesting with Owner's Representative a minimum of three (3) days in advance of testing.

If these parameters are exceeded, locate the problem; repair it; walt 24 hours and retry the test. This procedure must be followed until the mainline passes the test.

SUBMITTALS

Free-Constitution Conference (Anna Conference Anna Conference (Anna Conference Anna Conference

Controller charts - Upon composition of "nesturil" prepare controller charts one per controller. Lectures on each chart the area controlled by a minute control value (subting a different color for each zone). This chart shalf be neshood to a size that will fit hadde the controller clorx. The reduction shall be harmatically sealed hadde was Zmi pleases.

Grounding Cartification - Provide ground certification results for each controller and pump panel grounding gird treatified. This must be on a lifensed electrical letter hand indication bosation tessed (using fit plan symbols), data first, leat method and testing results.

ection(s) - All mainline must be inspected for proper pipe, fittings, depth of coverage

RANTEE: The Infiguition system shall be guaranteed for a minimum of one year from the time of final

MINIMUM RECOMMENDED
IRRIGATION MAINTENANCE PROCEDURES

Contrador shall backfull is jebrjo, both materias and sisorate, agind or operforming any pressure seats. The pipe shall be backfulled with the acceptance of Z on each side of every joint joint flowing, by loss, 45%, each, fixes joints shall not be backfulled until all piping has satisfactorily passed to oppropriate pressure test as cultimed below.

Prior to the placement of valves, flush all mainlines for a minimum of 10 minutes or until tries are completely clasn of debts, whichever is longer,

Prior to the placement of heads, flush all lateral lines for a minimum of 10 minutes or until lines are complotely clean of debits, whichever is longer.

Use screens in heads and edjust heads for proper coverage avoiding excess water on walks, walls and paving.

Modifine: Remove all empits control valves and dap being all freeded cop in SCH 20 origin. Next exist and gale viving a Stall inch to tend explant during a power met universal sufficiently by refitter previous from the owner. Ill amount of the properties from the control and interest and previous freeded from the control and previous freeded from the stall produce during the control in the purple foreign and produce during the control into the properties previous, modifier the purple foreign and produce during the control into the purple foreign freeded for the first produce during the control into the purple foreign foreign and the first purple for about material field policy.

Lateral lines: The Istoral lines must be fully filled to operational pressure and visually checked for toats. Any teats detected must be repaired.

Operational Teachia - Christ the malative and liberal libes having passed label respective leafs, and the option in completing operations I, a coverage leaf and collection controlled on the system in equipost, in the Replacin controlled and and controlled in the control of the control, or highlight representatives in this proper coverage to destined and the system works, automatically from the controlled. Each nature due to improve coverage to destined and the system works, automatically from the controlled. Each nature due to improve the proper coverage and function. The destination of proper exempt and functions is the way dis destined on this neutron common and function. The

Upon completion of the operational test, not each zono until water begins to puddie or no eff. This will alternate you to determine the national production of the control of the control

After project completion:
As a condition of final acceptance, the integriton contractor shall provide the owner with:

1. Inspation A-builles - stall by provided accurately location of imatifiers, slowers, remote control valves, pate velves, independent with entry accuration of the provident with a control reduction of the provident with a control reduction of the provident with a control reduction of the provident and water source provident. All makings and the control entitled by an entry after the control of the provident and the control of the provident and the provident and the control of the provident and the provident an

INSPECTIONS AND COORDINATION MEETINGS REQUIRED - Contractor is required to schedule, perform, and attend the following, and demonstrate to the owner and/or owners representative to their satisfaction, as follows:

1. Pre-construction meeting – Designer and contractor to review and a feasil process and establish with conscipring commonly and contractor to review and extend to which conscipring constructions are supported by the construction of the construc

All maintine shall be pressure tested according to this design's requirements,
 All flow motions must be calibrated, Provide cordiled calibration report for all flow

5. Coverage and operational test 8. Final inspection 7. Punch list inspection

FINAL ACCEPTANCE

l acceptance of the Infigation system will be given after the following documents and conditions have been pleted and approved. Final payment will not be released until stress conditions are satisfied.

1.All above haspections are completed, documented, approved by owner.
2.Completion and acceptance of "abotat" (devings.
3. Acceptances of rejured controller orbits and placement halde controllers.
4. All other submittals have been made to the sets/stocker of the owner.

Project Number 1630B

Release Date 1-18-18

Sheet Description IRRIGATION NOTES

IR-2 Grawing Number

Shool 2 of 2

1. Early injusted zone should be checked mostly and written reports generated describing the diskip) each zone was kersemed problems identified, date problems repeated, and a list of materials used in the orpatir. At milimum, these inspections should include the loipointing basis:

A. Turn on each zone from the controller to verify automatic operation.

 B. Check schadules to ensure they are appropriate for the season, plant consult an LA, certified auditor for methods used in determining proper infgation. and soil type, and intigation scheduling requirements.

 D. Check setting on pressure regulator it verify proper setting. If present. C. Check remate control valve to ensure proper setting, if present,

E.Check flow control and adjust as needed; ensure valve closure within 10-15 second controller. after descrivation by

F. Check for leaks - mainline, lateral lines, valves, heads, etc.

C. Check di Reads a Mehant

1. Proport ext helpfu (20 of aprichlar is "t ballow move height

1. Proport ext helpfu (20 of aprichlar is "t ballow move height

2. Verify head popular helpfu (3 of aprichlar is "t ballow move helpfu (3 of aprichlar is "t ballow")

3. Christian (3 of aprichlar is ballow) helpfu (3 of aprichlar is "t ballow") as "t ballow"

5. All mozalies orthord by roper inflammord, polipfu (aback, comeratione) accordul, not, replace as rededy

5. All mozalies orthord by roper prefered y vertically coverage area is correctly métricular over upony criticals.

Riser height raised/lowered to accommodate plant growth patterns and ensure proper coverage.
 Verify pop-ups retract after operation. If not, repair/replace as needed.

H. Check controller/C.C.U. grounds for resistance (10 ohms or less) ance per year. Submit written reports.

I. check rain shut-off device monthly and clean/repair/replace as neaded.

K. Inspect backflow devices by utilizing a properly floensed backflow Inspector. This should be done annually, at minimum. J. Inspect all valve boxes to ensure they are in good condition, lids are in place and looked.

L. Inspect of filters monthly and clear/repulr/replace as needed.

M. Check pump stations for proper operation, pressures, filtration, settings, etc. - refer to pump station operations manual.

 O. Weindar, if applicable, as weather in your aires dicision, follow menufacturer recommendations and blow out all times and equipment using compressed all. Perform seasonal startup of system as por menufacturer recommendations. N. Check and dean intake screens on all suction lines quarterly, at minimum, Clean and/or repair, as needed.

P. Conduct additional inspections, maintenance tasks, etc. that are

SOIL MOISTURE SENSOR (When applicable)

2. Soil moisture sensor should be placed in the middle of a spray or drip area as per 1. Piace all soil moleture sensor wiring in 1" SCH 40 PVC conduit

Controller shall be set to the Florida Automated Waashur Notwork's urben scheduler settings using the SMS as a moisture out off device (like a rain awtich) per manufadurer directions.

FDOT IRRIGATION NOTES

The irrigation system shall use the lowest quality water available which adequately and safely meets the water needs of the system Storm water, reciain water, or grey water irrigation shall be used

whenever possible,
2. FDOT requires 24-hour emergency access to water source,
3. Contractor shall provide FDOT District Operations Manager with a
set of "As- Bullt" imgation plans,

FDOT PERMIT SET

HUGH JOHNSON RLA #855

612 SW 4th Ave., Fort Laudardala, FL 33315

SECTION No.:

8700600 Permit No.:

2018-L-491-012

COUNTY:

Broward

S.R. No.:

842

EXHIBIT C

MAINTENANCE PLAN FOR LANDSCAPE IMPROVEMENTS

This Exhibit forms an integral part of the DISTRICT FOUR (4) LANDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT between the State of Florida, Department of Transportation and the AGENCY.

Please see attached

MAINTENANCE PLAN Landscape Improvements

Project State Road No:

842 (Broward Boulevard) from N.W. 22nd Avenue (M.P. 4.884)

N.W. 24TH Avenue (M.P. 4.987)

Permit:

2018-L-491-012

Maintaining Agency:

City of Fort Lauderdale

RLA of Record:

Hugh Johnson

Date:

October 23, 2018

I. GENERAL MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS:

The purpose of a plan for the landscape improvements maintenance practices is to allow the plant material on your project to thrive in a safe and vigorous manner while fulfilling their intended purpose and conserving our natural resources. Plantings and all other landscape improvements shall be maintained to avoid potential roadway hazards and to provide required clear visibility, accessibility, clearance, and setbacks as set forth by Florida Department of Transportation (FDOT) governing standards and specifications: FDOT Design Standards, FDOT Plans Preparation Manual Vol. I, Chapter 2.11 and FDOT Standard Specifications for Road and Bridge Construction, as amended by contract documents, and all other requirements set forth by the District 4 Operations Maintenance Engineer. The initial portion of the Maintenance Plan describes general maintenance requirements and recommendations. The concluding section provides recommendations prepared by the Registered Landscape Architect of Record specific to the attached approved plans.

WATERING REQUIREMENTS

Watering is a critical concern for not only the maintenance of healthy plant material but also for observing water conservation practices. The amount of water to apply at any one time varies with the weather, drainage conditions and water holding capacity of the soil. For plant materials that have been established, it is imperative that any mandated water restrictions be fully conformed to on FDOT roadways.

Proper watering techniques should provide even and thorough water dispersal to wet the entire root zone, but not saturate the soil or over-spray onto travel lanes.

IRRIGATION SYSTEM

The Agency shall ensure there are no roadway overspray or irrigation activities during daytime hours (most notably "rush hour" traffic periods). It is imperative the irrigation controller is properly set to run early enough that the watering process will be entirely completed before high traffic periods, while adhering to mandated water restrictions. To ensure water conservation, the Agency shall monitor the system for water leaks and the rain sensors to ensure they are functioning properly so that the system shuts down when there is sufficient rainfall.

INTEGRATED PLANT MANAGEMENT

An assessment of each planting area's soil is recommended to periodically determine the nutrient levels needed to sustain healthy, vigorous plant growth.

Palms, shrubs, trees and turf areas shall be fertilized in such a manner and frequency to ensure that the plant material remains healthy and vigorously growing. Please be alert to changes in fertilization types per University of Florida, Institute of Food and Agricultural Services (I.F.A.S.) recommendations. Establishment of an integrated pest management program is encouraged to ensure healthy plants, which are free of disease and pests.

MULCHING

Mulch planting beds in such a manner as to prevent weed growth, retain moisture to the plants, protect against soil erosion and nutrient loss, maintain a more uniform soil temperature, and improve the appearance of the planting beds. Avoid mulch mounded up on the trunks of trees, palms, and the base of shrubs to encourage air movement in this area which aids in lowering disease susceptibility. Cypress mulch is prohibited on state right of way.

PRUNING

All pruning, and the associated safety criteria, shall be performed according to American National Standard Institute (ANSI) A300 standards and shall be supervised by an International Society of Arboriculture (ISA) Certified Arborist. Pruning shall be carried out with the health and natural growth of plant materials in mind, to specific pruning heights maintaining clear visibility for motorists, and provide vertical clearance for pedestrian, bicyclist, and truck traffic where applicable. Visibility windows must be maintained free of view obstructions, and all trees and palms must be maintained to prevent potential roadway and pedestrian hazards, all palms are to be kept fruit free. The specific pruning heights are determined by understanding the designer's intent when selecting and placing the plants. The intended mature maintained height and spread of plants are noted on the plans (See Exhibit B.) and see Part II., Specific Project Site Maintenance Requirements and Recommendations as guidance. The understory plant materials selected for use within the restricted planting areas (Limits of Clear Sight) are to be mature height in compliance with Window Detail. Vertical tree heights must meet FDOT Maintenance Rating Program (MRP) standards. See Reference pages.

STAKING AND GUYING

All staking materials, except for replacements, are to be removed by the completion of FDOT establishment or after one year (whichever comes first). Any subsequent staking and guying activities by the Agency must adhere to *FDOT Design Standards* guidelines (See Index 544). The Agency shall closely monitor staking and guying attachment materials so that they are securely fastened to avoid potential roadway hazards.

TURF MOWING:

All grassed areas are to be mowed and trimmed with sufficient frequency to maintain a deep, healthy root system while providing a neat and clean appearance to the urban landscape. All turf efforts, mowing, curb/sidewalk edging and turf condition, must at a minimum, meet FDOT Maintenance Rating Program (MRP).

LITTER CONTROL:

The project site shall remain as litter free as practicable. It is recommended to recycle this litter to avoid unnecessary waste by its reuse. Litter removal efforts must meet *FDOT Maintenance Rating Program* (MRP) standards.

WEEDING/HERBICIDE

All planting areas shall be maintained as weed free as practicable by enlisting integrated pest management practices in areas specified on the plans and maintaining proper mulch levels. Extreme care is recommended when using a chemical herbicide to avoid overspray onto plant materials. It is the applicator's responsibility to restore any damage resulting from overspray to the plantings, per the approved plans.

PLANT REPLACEMENT

Plant replacement shall be the same species and specification as the approved plan. Move and replace all plant materials that may conflict with utility relocations and service. Only plants graded Florida #1 or better, per the Florida Department of Agriculture and Consumer Services, Grades and Standards for Nursery Plants are permitted on FDOT roadways. Should it become necessary to change the species, a permit is required from FDOT for approval by the FDOT District Landscape Architect.

HARDSCAPE (SPECIALTY SURFACING)

All tree grates and specialty surfacing (if applicable) shall be maintained in such a manner as to prevent any potential tripping hazards and protect damage to the surfacing and tree grates. Final surface tolerance from grade elevations shall, at a minimum, meet the most current FDOT Maintenance Rating Program Handbook Pages 43-47; ADA accessible sidewalk; and FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on The State Highway System. If the specialty surfacing or tree grates become damaged, they shall be replaced with the same type and specification as the approved plan.

HARDSCAPE (CONCRETE PAVERS)

All tree grates and concrete pavers (if applicable) shall be maintained in such a manner as to prevent any potential tripping hazards and protect damage to the pavers and tree grates. Final surface tolerance from grade elevations shall, at a minimum, meet the most current Interlocking Concrete Pavement Institute (ICPI), Guide Specifications for Pavers on an Aggregate Base, Section 23 14 13 Interlocking Concrete Pavers, Part 3.05. If the specialty surfacing or tree grates become damaged, they shall be replaced with the same type and specification as the approved plan.

It shall be the responsibility of the AGENCY to maintain all signs located within a non-standard surfacing area. Such maintenance to be provided by the AGENCY shall include repair and replacement of the sign panel, post, and base.

HARDSCAPE (NON-STANDARD) TRAVELWAY SURFACING

It shall be the responsibility of the AGENCY to restore an unacceptable ride condition of the roadway, including asphalt pavement (if applicable), caused or contributed by the installation or failure of non-standard surfacing, and/or the header curb, on the Department of Transportation right of way within the limits of this Agreement. Pavement restoration areas or "patches" will have a minimum length of 10-ft, measured from the edge of the header curb, and a width to cover full lanes for each lane affected by the restoration.

Pavement restoration will be performed in accordance with the most current edition of the FDOT Standard Specifications for Road and Bridge Construction, and the FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System.

HARDSCAPE (LANDSCAPE ACCENT LIGHTING) (IF APPLICABLE)

Landscape accent lighting shall be maintained in such a manner as to prolong the life of the lighting fixture and prevent potential safety hazards. If the lighting fixtures and their system become damaged, they shall be replaced with the same type and specification as the approved plan. Landscape lighting shall meet requirements for the sea turtle nesting and hatching.

MAINTENANCE OF TRAFFIC CONTROL

Reference the FDOT website regarding the selection of the proper traffic control requirements to be provided during routine maintenance and / or new installations of this DOT roadway.

VEGETATION MANAGEMENT AT OUTDOOR ADVERTISING (ODA) (IF APPLICABLE)

To avoid conflicts with permitted outdoor advertising, please reference the State of Florida website regarding the vegetation management of outdoor advertising. This website provides a portal to search the FDOT Outdoor Advertising Inventory Management System Database. The database contains an inventory of outdoor advertising structures, permits and other related information maintained by the Department.

Also, reference the *Florida Highway Beautification Program* website link for *Vegetation Management at ODA signs* Florida Statutes and Florida Administrative Code related to vegetation management at outdoor advertising sign, permit applications for vegetation management and determining mitigation value of roadside vegetation.

II. SPECIFIC PROJECT SITE MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS

Planting beds were designed for ease of maintenance. All planting beds have large masses of only one species so that the entire bed requires the same watering, pruning, fertilizing and other maintenance requirements. Ground cover plantings should be pruned to maintain a clean, yet natural effect. Dwarf Carissa requires minimal maintenance and in regards to pruning and should be allowed to reach its full potential through its natural growth habit. Live Oaks should be pruned from the base of the trunk upward to maintain a clear trunk of 8.5' minimum and provide sufficient separation between canopy and sidewalk for pedestrian traffic.

REFERENCES

This reference list is provided as a courtesy. The list may not contain the most current websites. The most current references must be accessed for up to date information.

Accessible Sidewalk (ADA)

http://www.access-board.gov/quidelines-and-standards/streets-sidewalks

Americans with Disabilities Act (ADA) (ADAAG) http://www.ada.gov/2010ADAstandards index.htm

American National Standard Institute, ANSI A300, (Part 1) for Tree Care Operations - Trees, Shrub, and Other Woody Plant Maintenance - Standard Practices (Pruning), available for purchase

http://webstore.ansi.org

Florida Department of Agriculture and Consumer Services, Division of Plant Industry, Florida Grades and Standards for Nursery Plants 2015 http://www.freshfromflorida.com/Divisions-Offices/Plant-Industry/Bureaus-and-Services/Bureauof-Plant-and-Apiary-Inspection

Florida Department of Community Affairs (DCA), Florida Board of Building Codes & Standards, 2017 Florida Building Code, Chapter 11 Florida Accessibility Code for Building Construction Part A

http://www2.iccsafe.org/states/florida codes/

Florida Department of Transportation, Program Management, Maintenance Specifications Workbook Supplemental Specifications, Section 580 Landscape Installation http://www.fdot.gov/programmanagement/Maintenance/2018Jan/default.shtm

Florida Department of Transportation, FDOT Standard Plans for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 580-001 Landscape Installation

http://www.fdot.gov/design/standardplans/current/IDx/580-001.pdf

Florida Department of Transportation, FDOT Design Manual for Design, Construction, Maintenance and Utility Operations on the State Highway System, Chapter 212.11 Clear Sight Triangles

http://www.fdot.gov/roadway/FDM/current/2018FDM212Intersections.pdf

Florida Department of Transportation, FDOT Design Manual for Design, Construction. Maintenance and Utility Operations on the State Highway System, Chapter 215.2.3 Clear Zone Criteria and 215.2.4 Lateral Offset

Table 215.2.1 Clear Zone Width Requirements

Table 215.2.2 Lateral Offset Criteria (for Trees)

http://www.fdot.gov/roadway/FDM/current/2018FDM215RoadsideSafety.pdf

Florida Department of Transportation, FDOT Standard Plans for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index Series 102-600 Traffic Control through Work Zones
http://www.fdot.gov/design/standardplans/current/IDx/102-600.pdf

Department of Transportation, Landscape Architecture Website www.MyFloridaBeautiful.com

Florida Department of Transportation, *Maintenance Rating Program Handbook* http://www.dot.state.fl.us/statemaintenanceoffice/MaintRatingProgram.shtm

Florida Department of Transportation Outdoor Advertising Database http://www2.dot.state.fl.us/rightofway/

Florida Exotic Pest Plant Council Invasive Plant Lists http://www.fleppc.org/list/list.htm

Florida Irrigation Society http://www.fisstate.org

Florida Power and Light (FPL), *Plant the Right Tree in the Right Place* http://www.fpl.com/residential/trees/right tree right place.shtml