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CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

Memorandum

MIAMI-DADE COUNTY

Date: July 21, 2020

Agenda Item No. 5(K)

To: Honorable Chairwoman Audrey M. Edmonson
and Members, Board of County Commissioners

From: Jack Osterholt, Director
Department of Regulatory and Economic Resources

Resolution No. R-713-20

Subject: Class I Permit Application by the Florida Department of Environmental Protection

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Recommendation

I have reviewed the attached application for a Class I permit by Florida Department of Environmental Protection and based upon the applicable evaluation factors set forth in Section 24-48.3 of the Code of Miami-Dade County (Code), I recommend that the Board of County Commissioners (Board) approve the issuance of a Class I permit for the reasons set forth below.

Pursuant to Ordinance No. 16-73, this quasi-judicial matter may be submitted directly for placement on the Board's meeting agenda by the Director of the Department of Regulatory and Economic Resources.

Scope

The project site is located within Oleta River State Park at 2701 NE 151 Street, North Miami, Florida, in Commission District 4, which is represented by Commissioner Sally A. Heyman.

Fiscal Impact/Funding Source

This resolution is a regulatory approval and does not have a fiscal impact.

Track Record/Monitor

The Coastal Resources Section Manager, McKee Gray, in the Department of Regulatory and Economic Resources, Division of Environmental Resources Management (DERM), will be responsible for monitoring the proposed permit.

Background

The subject Class I permit application requests authorization for the filling of 3,233 square feet of wetlands that support halophytic (salt tolerant) vegetation including mangrove trees, the removal of 1,977 square feet of mangrove canopy, and temporary impacts to 4,007 square feet of halophytic wetlands along a buffer area adjacent to the proposed improvements of a 268 foot section of road beginning at 2701 NE 151 Street in the City of North Miami, Miami-Dade County, Florida. The project is required to be reviewed and approved by the Board at a public hearing because the filling of wetlands and the trimming of mangroves within a Coastal Band Community is specifically referenced in Section 24-48.2 of the Code as work that shall be processed with a standard form application, including a public hearing.

The subject project area is an existing gravel road used to access the Florida Fish and Wildlife Conservation Commission (FWC) facility within Oleta River State Park. The road is also utilized as an emergency evacuation route for the adjacent schools and as an emergency alternative route to NE 151 Street. Currently, the gravel road is at a low elevation, which frequently floods during rain events resulting in large potholes and causes erosion of sediments into the adjacent mangrove wetlands. As a result of this erosion, the adjacent wetlands have become degraded. Based on conversations with

FWC staff and the applicant's agent, the condition of the road can become hazardous during rain events and may negatively affect FWC law enforcement's response time. The applicant is proposing to install an asphalt road in the general footprint of the existing gravel road. The applicant requires that the new road be of standard pavement width because it provides access to the FWC facility and serves as an emergency evacuation route. To meet the minimum Miami-Dade County standard pavement width, flood criteria, and other State and County roadway requirements, the proposed road will extend beyond the footprint of the existing road, will be raised, and will provide the appropriate side slope to stabilize the road bed and prevent the continued erosion of fill material into the adjacent wetlands. This slightly larger footprint will result in the filling of halophytic wetlands and the trimming of mangroves. Additionally, due to the proximity of the proposed direct impacts of the filling work, there will be temporary impacts to halophytic wetlands associated with staging and construction operations.

Filling work proposed in a Class I application shall comply with at least one of the following criteria listed in Section 24-48.3(2) of the Code. The proposed work will result in the minimal amount of filling of halophytic wetlands necessary to improve the road to be consistent with Miami-Dade County flood criteria and prevent flooding of the roadway during rain events, to prevent erosion of sediments into the adjacent mangrove wetlands, to adequately and safely facilitate transportation of FWC law enforcement personnel and equipment, and to be utilized for emergency evacuations of the adjacent schools. As the work is a physical modification necessary to protect public or private property, the proposed project complies with the requirements in Section 24-48.3(2)(f) of the Code, which applies to dredging and filling work proposed in a Class I permit application. In addition, the runoff and erosional issues associated with the existing gravel road will be eliminated through the installation of the appropriate Code-required side slopes that will be sodded to provide erosion protection as well as pretreatment for stormwater runoff. These improvements are expected to result in increased water quality in the adjacent halophytic wetlands. Improving the existing gravel road with a standard roadway that meets minimum State and County roadway design criteria is the minimum improvement required to address the erosion issue. Therefore, the work also complies with Section 24-48.3(2)(e) of the Code, as the work is the minimum dredging and filling necessary to enhance the biological, chemical or physical characteristics of adjacent waters the area.

Oleta River State Park is designated by the Miami-Dade County Comprehensive Development Master Plan (CDMP) as a Mangrove Protection Area. Trimming of mangroves within a Mangrove Protection Area must be consistent with the criteria outlined in the Coastal Management Element of the CDMP. The proposed work will facilitate safe access of law enforcement personnel and equipment to the FWC facility by providing a more stable and resilient roadway that meets applicable Code requirements, in addition to providing a public emergency evacuation route for the adjacent schools and as an emergency alternative route to NE 151 Street. Therefore, the proposed work is consistent with the CDMP as the work is clearly in the public interest and is in a location where no reasonable upland alternative exists. The majority of the road is within the footprint of the existing gravel road and the expanded footprint cannot be shifted north due to an existing building located in close proximity to the expanded footprint. The proposed trimming and alteration has been minimized and will be done in a manner that preserves the function of the mangrove system and does not adversely affect habitat. The Class I permit will include authorization for future maintenance trimming and alteration of mangroves along the road to maintain clearance, should mangroves grow into this area.

In addition, the project must be consistent with the criteria outlined in the Conservation, Aquifer Recharge, and Drainage Element of the CDMP. The project involves the filling of wetland areas that have been degraded over time due to erosion of the existing gravel roadway into the adjacent mangrove wetlands. The runoff and erosional issues associated with the existing gravel road will be eliminated through the installation of the appropriate, Code-required side slopes, which will be sodded to provide erosion protection as well as pretreatment for stormwater runoff. By eliminating sediment erosion, these improvements are expected to increase water quality in the adjacent halophytic wetlands. To mitigate for otherwise permittable impacts, the applicant has proposed the purchase of saltwater mitigation bank credits from the Florida Power and Light Company's Everglades Mitigation Bank (FPL EMB), which will restore, enhance, and preserve coastal wetlands in accordance with federal, State and local regulations. Based on the very small amount of mangrove wetlands to be impacted and the mitigation at the FPL EMB, it is not anticipated that the project will adversely impact habitat that is critical to endangered and threatened species that may utilize mangrove wetlands.

Pursuant to Section 24-48.4 of the Code, potential adverse environmental impacts and cumulative adverse environmental impacts for a proposed project must be avoided and minimized and mitigation is required for permittable projects that otherwise result in adverse environmental impacts. The project will result in the filling of 3,233 square feet of halophytic wetlands supporting halophytic vegetation, the removal of 1,977 square feet of mangrove canopy, and temporary impacts to 4,007 square feet of adjacent halophytic wetlands. The proposed asphalt road will be installed in generally the same footprint of the existing gravel road; however, in order to meet the minimum Miami-Dade County standard pavement width, the proposed road will extend the minimum necessary beyond the footprint of the existing road. The applicant has proposed the purchase of saltwater mitigation bank credits from the Florida Power and Light Company's Everglades Mitigation Bank to satisfy the mitigation requirement associated with the removal of the mangrove canopy and the filling of 3,233 square feet of halophytic wetlands. No mitigation is proposed for the temporary impacts, as this area will not be cleared or filled. Furthermore, it is reasonably expected that the runoff and erosional issues associated with the existing gravel road will be eliminated through the drainage improvements associated with the proposed roadway, and therefore is expected to result in increased water quality in the adjacent halophytic wetlands. The project area will be maintained free of exotic pest plants and nuisance species in accordance with the Class I permit conditions. Any temporary water quality impacts will be minimized through the implementation of proper turbidity controls, including silt fencing, throughout construction operations to ensure that State and County water quality standards are met. In addition, the side slopes at the edge of the improved road will be sodded to further eliminate erosion and turbidity into the future.

The project has been designed in accordance with all relevant Miami-Dade County coastal construction criteria and is consistent with all other Miami-Dade County coastal protection provisions. Please find attached a DERM Project Report which also sets forth the reasons the proposed project is recommended for approval by DERM pursuant to the applicable evaluation factors and criteria as set forth in Section 24-48.3 of the Code. The conditions, limitations, and restrictions set forth in the Project Report attached hereto are incorporated herein by references hereto.

Attachments

Attachment A: Class I Permit Application
Attachment B: Owner/Agent Letter, Engineer Letter and Project Sketches
Attachment C: Names and Addresses of Owners of All Riparian or Wetland Property within Three Hundred (300) Feet of the proposed Work.
Attachment D: Zoning Memorandum
Attachment E: DERM Project Report

Attachment A

Class I Permit Application

MIAMI-DADE COUNTY

Class I Permit Application

FOR DEPARTMENTAL USE ONLY

Date Received:	Application Number:
	Application Fee:

Application must be filled out in its entirety. Please indicate N/A for non-applicable fields.

1. Applicant Information:

Name: Florida Department of Environmental Protection

Address: 3900 Commonwealth Boulevard, MS 520

Tallahassee, FL Zip Code: 32399

Phone #: 850-245-2721 Fax#:

Email: Theresa.Carron@dep.state.fl.us

* This should be the applicant's information for general purposes.

2. Applicant's Authorized Permit Agent:

Agent is allowed to process the application, furnish supplemental information relating to the application and bind the applicant to all requirements of the application.

Name: Calvin, Giordano & Assoc. - Sandra Lee

Address: 1800 Eller Drive, Suite 600

Fort Lauderdale, FL Zip Code: 33316

Phone #: Fax #: 954-921-8807

Email: slee@cgasolutions.com 954-921-7781 or 954-266-6472

3. Location where proposed activity exists or will occur (latitude and longitude are only necessary for properties without address or folio #):

Folio #(s): 06-2222-000-0010 Latitude: 25 54'55.81"N Longitude: 80 08' 40.52" W

Street Address: 2701 NE 151 ST - Oleta State Park Section: 15 Township: 52 Range: 42

In City or Town: North Miami Near City or Town

Name of waterway at location of the activity: N/A

4. Describe the proposed activity (check all that apply):

- ☐ Seawall
  - ☐ New/Replacement Seawall
  - ☐ Seawall Cap
  - ☐ Batter Piles
  - ☐ King Piles
  - ☐ Footer/Toe Wall
  - ☐ Riprap
- ☐ Dock(s)
- ☐ Pier(s)
- ☐ Viewing Platform
- ☐ Boatlift
- ☐ Mooring Piles
- ☐ Fender Piles
- ☐ Davits
- ☐ Dredging
  - ☐ Maintenance
  - ☐ New
- ☑ Filling
- ☐ Mangrove Trimming
- ☐ Mangrove Removal

☑ Other Roadway improvements See attached narrative

Estimated project cost = $ 284,630.55

Are you seeking an after-the-fact approval (ATF)? ☐ Yes ☑ No If "Yes", describe the ATF work:

5. Proposed Use (check all that apply):

- ☐ Single Family
- ☐ Multi-Family
- ☐ Private
- ☑ Public
- ☐ Commercial
- ☐ Industrial
- ☐ Utility

6. If the proposed work relates to the mooring of vessels provide the following information (please also indicate if the applicant does not have a vessel):

Proposed Vessel Type (s):

Vessel Make/Model (if known):

Draft (s)(range in inches.): Length (s)(range in feet.):

Total Number of Slips:

7. List all permits or certifications that have been applied for or obtained for the above referenced work:

Issuing Agency	Type of Approval	Identification Number	Application Date	Approval Date

8. Contractor Information (If known):

Name: TBD License # (County/State): _____

Address: _____ Zip Code: _____

Phone #: _____ Fax #: _____ E-mail: _____

9. **IMPORTANT NOTICE TO APPLICANTS:** The written consent of the property owner is required for all applications to be considered complete. Your application WILL NOT BE PROCESSED unless the Applicant and Owner Consent portion of the application is completed below. You have the obligation to apprise the Department of any changes to information provided in this application

Application is hereby made for a Miami-Dade County Class I permit to authorize the activities described herein. I agree to or affirm the following:

- I possess the authority to authorize the proposed activities at the subject property, and
- I am familiar with the information, data and plans contained in this application, and
- To the best of my knowledge and belief, the information, data and plans submitted are true, complete and accurate, and
- I will provide any additional information, evidence or data necessary to provide reasonable assurance that the proposed project will comply with the applicable State and County water quality standards both during construction and after the project is completed, and
- I am authorizing the permit agent listed in Section 2 of this application to process the application, furnish supplemental information relating to this application and bind the applicant to all requirements of this application, and
- I agree to provide access and allow entry to the project site to inspectors and authorized representatives of Miami-Dade County for the purpose of making the preliminary analyses of the site and to monitor permitted activities and adherence to all permit conditions.

A. **IF APPLICANT IS AN INDIVIDUAL**

Signature of Applicant | Print Applicant's Name | Date

B. **IF APPLICANT IS OTHER THAN AN INDIVIDUAL, OR NATURAL PERSON**
(Examples: Corporation, Partnership, Trust, LLC, LLP, etc.)

FL Department of Environmental Protection | | FL

Print Name of Applicant (Enter the complete name as registered) Registration/Incorporation | Type (Corp, LLC, LLP, etc.) | State of

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Applicant, to bind the Applicant, and if so required to authorize the issuance of a bond on behalf of the Applicant. (If asked, you must provide proof of such authority to the Department). ***Please Note: If additional signatures are required, pursuant to your governing documents, operation agreements, or other applicable agreements or laws, you must attach additional signature pages. ***

MF | MICHAEL FOSTER | BUREAU CHIEF | 10/24/19

Signature of Authorized Representative | Print Authorized Representative's Name | Title | Date

C. **IF APPLICANT IS A JOINT VENTURE** Each party must sign below (If more than two members, list on attached page)

Print Name of Applicant (Enter the complete name as registered) Registration/Incorporation | Type (Corp, LLC, LLP, etc.) | State of

Print Name of Applicant (Enter the complete name as registered) Registration/Incorporation | Type (Corp, LLC, LLP, etc.) | State of

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Applicant, to bind the Applicant, and if so required to authorize the issuance of a bond on behalf of the Applicant. (If asked, you must provide proof of such authority to the Department). ***Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable agreements or laws, you must attach additional signature pages. ***

Signature of Authorized Representative | Print Authorized Representative's Name | Title | Date

Signature of Authorized Representative | Print Authorized Representative's Name | Title | Date

10. WRITTEN CONSENT OF THE PROPERTY OWNER OF THE AREA OF THE PROPOSED WORK

I/We are the fee simple owner(s) of the real property located at Oleta River State Park Miami-Dade County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. 06-2222-000-0010. I am aware and familiar with the contents of this application for a Miami-Dade County Class I Permit to perform the work on or adjacent to the subject property, as described in Section 4 of this application. I possess the riparian rights to the area of the proposed work (if applicable) and hereby consent to the work identified in this Class I Permit application.

A. IF THE OWNER(S) IS AN INDIVIDUAL

Signature of Owner | Print Owner's Name | Date

Signature of Owner | Print Owner's Name | Date

B. IF THE OWNER IS OTHER THAN AN INDIVIDUAL OR NATURAL PERSON
(Examples: Corporation, Partnership, Joint Venture, Trust, LLC, LLP, etc.)

State of Florida Dept of Environmental Protection | | FL

Print Name of Owner (Enter the complete name as registered) | Type (Corp, LLC, LLP, etc.) | State of Registration/Incorporation

Address of Owner

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Owner, to bind the Owner, and if so required to authorize the issuance of a bond on behalf of the Owner. (If asked, you must provide proof of such authority to the Department). ***Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable governing laws, you must attach additional signature pages. ***

Signature of Authorized Representative	Print Authorized Representative's Name	Title	Date
MICHAEL FOSTER	MICHAEL FOSTER	BUREAU CHIEF	10/24/19
Signature of Authorized Representative	Print Authorized Representative's Name	Title	Date

Please Review Above

Appropriate signature(s) must be included in:

Box 9: either A, B or C

AND

Box 10: either A or B

Attachment B

Owner/Agent Letter, Engineer Letter and Project Sketches

PERMIT APPLICANT / AUTHORIZED AGENT STATEMENT

Date: 1-14-2020

Miami Dade County Department of Regulatory and Economic Resources
Class I Permitting Program
701 NW 1st Court
Miami, FL 33136

Re: Class I Standard Form Permit Application Number CLI-2019-0477

By the attached Class I Standard Form permit application with supporting documents, I, Sandra Lee, am the authorized agent and hereby request permission to perform the work associated with Class I Permit Application CLI-2019-0477. I understand that a Miami-Dade County Class I Standard Form Permit is required to perform this work.

If approval is granted for the proposed work by the Board of County Commissioners, complete and detailed plans and calculations of the proposed work shall be prepared by an engineer licensed in the State of Florida in accordance with the minimum requirements of Chapter 24 of the Code of Miami-Dade County, Florida. Said plans and calculations shall be subject to the review and approval of the Department. The permit applicant will secure the services of an engineer licensed in the State of Florida to conduct inspections throughout the construction period, and said engineer shall prepare all required drawings of record. In the event that the proposed work which is the subject of this Class I Permit application involves the cutting or trimming of a mangrove tree(s), a detailed plan of the proposed cutting or trimming shall be prepared by a licensed landscape architect and submitted to the Department for review and approval, and the permit applicant will secure the services of a licensed landscape architect to supervise the trimming or cutting.

Respectfully submitted,

Sandra Lee

Sandra Lee, Authorized Agent

RECEIVED
JAN 21 2020
DEPARTMENT OF
REGULATORY & ECONOMIC RESOURCES
NATURAL RESOURCES DIVISION
Coastal & Wetlands Resources Sec.

ENGINEER LETTER OF CERTIFICATION

Date: 1/14/2020

Miami-Dade County Department of Regulatory and Economic Resources
Class I Permitting Program
701 NW 1st Court
Miami, Florida 33136

RE: Class I Permit Application Number CLI-2019-0477

Ladies and Gentlemen:

This letter will certify that I am an engineer licensed in the State of Florida, qualified by education and experience in the area of engineering design and inspection, and that to the best of my knowledge and belief, the proposed work does not violate any laws, rules, or regulations of the State of Florida or any provisions of the Code of Miami-Dade County which may be applicable; that diligence and recognized standard practices of the engineering profession have been exercised in the engineer's design of the proposed work; and in my opinion based upon my knowledge and belief, the following will not occur:

a. Harmful obstruction or undesirable alteration of the natural flow of the water within the area of the proposed work.

b. Harmful or increased erosion, shoaling of channels or stagnant areas of water. (Not applicable to class IV permits)

c. Material injury to adjacent property.

d. Adverse environmental impacts from changes in water quality or quantity. (Applicable to class IV permits only)

Further, I have been retained by the applicant to provide inspections throughout the construction period and to prepare a set of reproducible record prints of drawings showing changes made during the construction process based upon the marked-up prints, certified surveys, drawings, and other data furnished by the contractor to me.

Sincerely,

James D. Messick

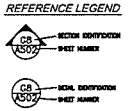
P.E. # 70870

JAMES D. MESSICK LICENSE No 70870 ★ STATE OF FLORIDA PROFESSIONAL ENGINEER

RECEIVED
JAN 21 2020
DEPARTMENT OF
REGULATORY & ECONOMIC RESOURCES
NATURAL RESOURCES DIVISION
Coastal & Wetlands Resources Section

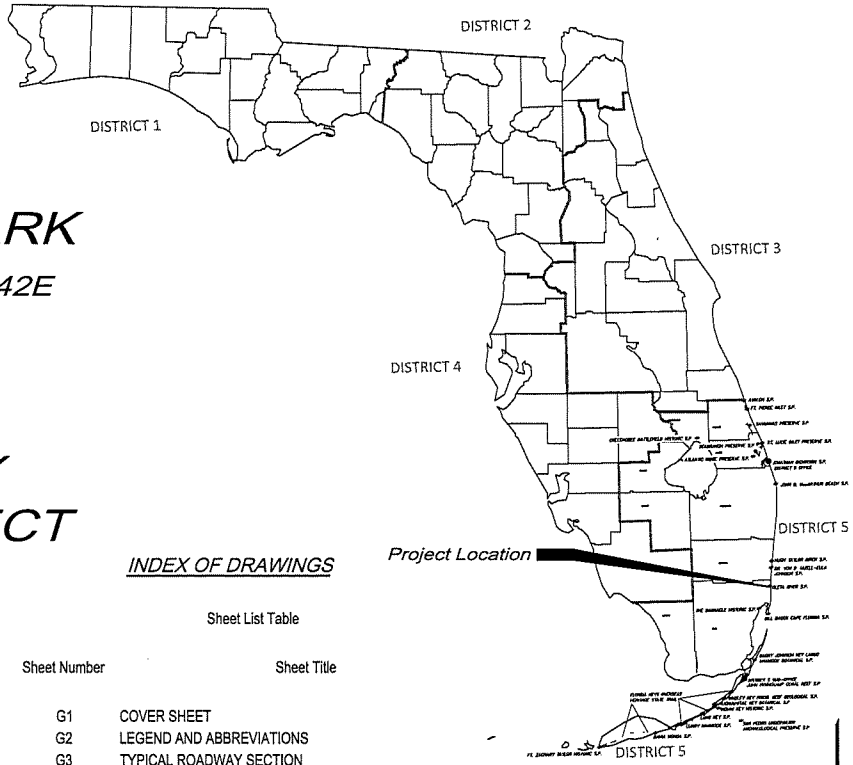
ABBREVIATIONS

REFERENCE LEGEND



60% SUBMITTAL
OLETA RIVER STATE PARK
SECTION 15, TOWNSHIP 52S, RANGE 42E
DISTRICT 5
MIAMI-DADE COUNTY

WESTERN ROADWAY IMPROVEMENTS PROJECT
PROJECT # 61238C



APPLICABLE CODES AND DESIGN DATA

CODE LIST

FLORIDA BUILDING CODE, BUILDING (FBC-B)..... N/A
NATIONAL ELECTRICAL CODE NFPA-70..... N/A

DESIGN DATA

CONSTRUCTION TYPE:	N/A	TOTAL BUILDING AREA PER FLOOR:	N/A
OCCUPANCY CLASS:	N/A	BUILDING HEIGHT/NUMBER OF STORIES:	N/A
OCCUPANT LOAD:	N/A	REQUIRED SPRINKLER OR ALARM SYSTEM:	Yes / (No)
TOTAL EXITS:	N/A	NUMBER OF BEDROOMS:	N/A
SQ FT ALTERED AREA	N/A	LEVEL OF ALTERATION:	N/A

DESIGN LOADS (FBC-B CHAPTER 16):
N/A

WIND LOADS (FBC-B SECTION 1609):
N/A

LIFE SAFETY PLAN:
N/A

PERMITTING AGENCIES	DATE SUBMITTED	CGA INITIALS	DATE APPROVED	PERMIT NUMBER
CITY OF NORTH MIAMI BUILDING PERMIT (BY CONTRACTOR)	-	-	-	-
MIAMI DADE COUNTY DEPARTMENT OF REGULATORY ENVIRONMENTAL RESOURCES CLASS I PERMIT	-	-	-	-
MIAMI DADE COUNTY DEPARTMENT OF REGULATORY ENVIRONMENTAL RESOURCES CLASS II PERMIT	-	-	-	-
	-	-	-	-
	-	-	-	-

NO	DATE	REVISION	BY	NO	DATE	REVISION	BY

SCOPE OF PROJECT

THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF DESIGN AND CONSTRUCTION, WOULD LIKE TO ASPHALT AND WIDEN THE EXISTING ROADWAY FROM BAY VISTA BOULEVARD RIGHT OF WAY (AKA NE 151ST STREET) TO FLORIDA FISH & WILDLIFE CONSERVATION COMMISSION (FFWCC) BUILDING (480' EAST OF FFWCC EASTERN DRIVEWAY CONNECTION) WITHIN THE OLETA RIVER STATE PARK (OLSP) LOCATED IN NORTH MIAMI, FLORIDA. PROJECT EXCLUDES BAY VISTA BOULEVARD IMPROVEMENTS AND ANY ONSITE UNDERGROUND OR OVERHEAD UTILITY IMPROVEMENTS, IF NECESSARY. ADDITIONALLY, NO PROPOSED LANDSCAPING, ELECTRICAL SERVICES, AND HYDROLOGIC/HYDRAULIC ENGINEERING ASSOCIATED WITH WETLANDS OR PROPOSED CULVERTS ARE INCLUDED IN THIS PROJECT.

BENCHMARK INFORMATION

THE ELEVATIONS AS SHOWN HEREON ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AS REFERENCED TO NATIONAL GEODETIC SURVEY (NGS) CONTROL POINT DESIGNATION: 28.44 FLHD, LOCATED AT THE ENTRANCE OF OLETA RIVER STATE PARK BRIDGE, 1 FOOT SOUTH OF THE NORTH END OF THE BASE, 1 FOOT WEST OF THE WEST CURB OF THE BRIDGE AND 1 FOOT ABOVE THE ROAD, MARK IS 9.2' FEET SOUTH OF THE NORTH END OF THE WEST GUARD RAIL, SET IN TOP OF THE CONCRETE SIDEWALK, NORTH MIAMI BEACH, FLORIDA HAVING AN ELEVATION OF 28.36 FT. (NGVD29).

INDEX OF DRAWINGS

Sheet List Table

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G4	GENERAL NOTES AND DETAILS
G5	ROADWAY ALIGNMENT PLAN
C1	ROADWAY PLAN
C2	ROADWAY PLAN
C3	ROADWAY PLAN
C4	CROSS SECTIONS
C5	CROSS SECTIONS
C6	STORMWATER POLLUTION PREVENTION PLAN
C7	STORMWATER POLLUTION PREVENTION PLAN
C8	STORMWATER POLLUTION PREVENTION PLAN

JAMES D. MESSICK, P.E.
DESIGNER

61238C
FILE No.

07/18/2019
INITIAL ISSUE DATE

OLETA RIVER STATE PARK
WESTERN ROADWAY IMPROVEMENTS PROJECT

60% DESIGN PLANS
ELEVATIONS HEREON ARE NGVD 1929

Division of Recreation and Parks Bureau of Design and Construction

ABBREVIATION LEGEND

ARV	AIR RELEASE VALVE
BE	BURIED ELECTRIC
BFP	BACKFLOW PREVENTER
BFV	BUTTERFLY VAVLE
BM	BENCHMARK
BOP	BOTTOM OF PIPE
BSP	BACTERIOLOGICAL SAMPLING POINT
CAP	CORRUGATED ALUMINUM PIPE
CB	CATCH BASIN
CI	CURB INLET
CIP	CAST IRON PIPE
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
DE	DRAINAGE EASEMENT
DIP	DUCTILE IRON PIPE
E	EAST
EL	ELEVATION
EOW	EDGE OF WATER
EXIST	EXISTING
EXFILT	EXFILTRATION
FF EL	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FM	FORCE MAIN
GALV	GALVANIZED
GV	GATE VALVE
HORZ	HORIZONTAL
INV	INVERT
JB	JUNCTION BOX
LF	LINEAR FEET
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
N	NORTH
NTS	NOT TO SCALE
NGVD	NATIONAL GEODETIC VERTICAL DATUM
OE	OVERHEAD ELECTRIC
PCAP	PERFORATED CORRUGATED ALUMINUM PIPE
PRB	POLLUTION RETARDANT BAFFLE
PROP	PROPOSED
PSI	POUNDS PER SQUARE INCH
PV	PLUG VALVE
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RCW	RECLAIMED WATER
RED	REDUCER
R/W	RIGHT-OF-WAY
S	SOUTH
SAN	SANITARY
SB	SOIL BORING
STA	STATION
TOB	TOP OF BANK
TOP	TOP OF PIPE
TOS	TOE OF SLOPE
TYP	TYPICAL
UE	UTILITY EASEMENT
VERT	VERTICAL
W	WEST
WM	WATER MAIN

LINE TYPE LEGEND

- LOT LINE
- SECTION LINE
- R/W OR PROPERTY LINE
- CENTERLINE
- NVAL
- EXIST. CHAIN LINK FENCE
- GUARDRAIL
- PROPOSED CHAIN LINK FENCE
- EXISTING WOOD FENCE
- EXISTING PICKET FENCE
- TO BE REMOVED/REPLACED
- EXISTING 8" SANITARY SEWER
- EXISTING WATER MAIN
- EXISTING STORM SEWER
- EXISTING FORCE MAIN
- EXISTING FIRE MAIN
- EXISTING IRRIGATION
- EXISTING OXYGEN
- EXISTING UNDERGROUND POWER
- EXISTING NATURAL GAS
- EXISTING CONDENSATION
- EXISTING BURIED FIBER OPTIC
- EXISTING UNDERGROUND COMCAST
- EXISTING CHILLER
- EXISTING AT&T UNDERGROUND
- EXISTING FUEL LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNKNOWN UTILITY
- EXISTING OVERHEAD WIRES

HATCHING LEGEND

- PROPOSED ASPHALT
- LIMEROCK
- SUBGRADE
- WIDENING
- SECONDARY WETLAND IMPACTS
- TEMPORARY ASPHALT DRIVEWAY TO BE RECONFIGURED DURING NE 151ST ROADWAY IMPROVEMENTS PROJECT BY FDOT

PROPOSED SYMBOL LEGEND

- AIR RELEASE VALVE
- BSP No. BACTERIOLOGICAL SAMPLE POINT
- WATER METER
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- SINGLE WATER SERVICE
- DOUBLE WATER SERVICE
- BACKFLOW PREVENTER
- DOUBLE DETECTOR CHECK VALVE
- BLOWOFF
- REDUCER
- GATE VALVE
- 90°, 45°, 22.5° & 11.25° BENDS
- TEE
- CROSS
- PLUG
- BLOWOFF
- VERTICAL BENDS
- SANITARY FLOW DIRECTION
- CLEAN OUT
- SINGLE SANITARY LATERAL
- DOUBLE SANITARY LATERAL
- CONFLICT ID
- DRAINAGE FLOW
- SPOT GRADE (0.00)
- SIGN
- CATCH BASIN
- MANHOLE
- CLEANOUT
- SLOTTED DRAIN
- STORM YARD DRAIN
- P5 STORM INLET
- P6 STORM INLET
- EXFILTRATION TRENCH
- HEADWALL
- MITERED END – RCP
- MITERED END – HDPE
- HAY BALES
- ROCK BAGS W/ HAY BALES
- SILT BARRER FENCE
- TURBIDITY BARRIER

EXISTING SYMBOL LEGEND

- 8.75 EXISTING SPOT ELEVATION (FT)
- GUY ANCHOR
- FPL MANHOLE
- CLP CONC. LIGHT POLE
- CONC. UTILITY POLE
- CSP CONC. SIGNAL POLE
- COMMUNICATION MH
- COMMUNICATION RISER
- CABLE TV MANHOLE
- CABLE TV RISER
- EHH ELEC. HANDHOLE
- FPL TRANSFORMER
- GAS METER
- LIGHT POLE
- TRAFFIC CONTROL BOX
- WPP WOOD POWER POLE
- GAS VALVE
- SEWER VALVE
- WATER VALVE
- GATE VALVE
- CLEANOUT
- FIRE HYDRANT
- REDUCER
- IRRIGATION VALVE
- MANHOLE
- FIRE DEPARTMENT
- CATCH BASIN
- GROUND/LANDSCAPING LIGHTING
- SIGN
- WATER METER

REFERENCE LEGEND

- C8 / A502 — SECTION IDENTIFICATION / SHEET NUMBER
- C8 / A502 — DETAIL IDENTIFICATION / SHEET NUMBER

GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND ACCEPTING THE EXISTING CONDITIONS OF THE SITE PRIOR TO BIDDING.
2. ALL DISTURBED AREAS WITHIN THE LIMITS OF RESTORATION SHALL BE REVEGETATED AS SPECIFIED BY THE PARK SERVICE BIOLOGIST.
3. EXISTING UNDERGROUND UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL ENSURE THAT THE UTILITY SYSTEMS DO NOT CONFLICT WITH THE PROPOSED PROJECT. CONFLICTS SHALL BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. REMOVAL AND/OR RELOCATION OF EXISTING UTILITIES IN CONFLICT WITH THE WORK, CONSTRUCTION OF TEMPORARY UTILITIES IN THE EVENT THAT EXISTING UTILITY SERVICE MUST BE INTERRUPTED AND ANY OTHER CONSTRUCTION RELATED ACTIVITIES THAT MAY AFFECT EXISTING OR PROPOSED UTILITIES. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON INFORMATION PROVIDED BY THE UTILITY OWNERS, AVAILABLE RECORDS, AND SURVEYED FIELD INFORMATION. THE INFORMATION MAY NOT REFLECT ACTUAL CONDITIONS. INCLUDE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED, ON SHOP THE UTILITIES IN THE CORRECT HORIZONTAL OR VERTICAL LOCATIONS. THE CONTRACTOR WILL MAKE IS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS NECESSARY TO ESTABLISH THEIR LOCATIONS AND AVOID DAMAGE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING ALL GRADE STAKES, LINES AND LEVELS.
6. THE CONTRACTOR SHALL INSTALL SOD ALL DISTURBED AREAS UNLESS OTHERWISE SPECIFIED OR SHOWN.
7. NO SEPARATE PAYMENT WILL BE MADE FOR DEWATERING. THE COSTS FOR DEWATERING ARE INCLUDED IN THE UNIT PRICES FOR CONSTRUCTING THIS PROJECT.
8. ALL AREAS, STREETS, DRIVEWAYS, PARKING LOTS, ETC. DISTURBED BY CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL OR BETTER CONDITION.
9. THE CONTRACTOR WILL HAVE ALL REQUIRED PERMITS IN-HAND PRIOR TO BEGINNING CONSTRUCTION, AND WILL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMITS OBTAINED BY THE OWNER AND THOSE PERMITS OBTAINED BY THE CONTRACTOR.
10. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT TO THE OWNER'S PROJECT MANAGER A SCHEDULE OF VALUES, A CONSTRUCTION SCHEDULE, AND A SAFETY PLAN.
11. THE CONSTRUCTION SCHEDULE WILL DESCRIBE IN DETAIL HOW THE CONSTRUCTION IS TO BE SEQUENCED, ESTABLISH START AND FINISH DATES FOR ALL SIGNIFICANT CONSTRUCTION ACTIVITIES, AND IDENTIFY ALL CONTROLLING ITEMS OF WORK. THE SCHEDULE IS TO BE APPROVED BY THE OWNER'S PROJECT MANAGER, AND WILL BE UPDATED ON A MONTHLY BASIS TO REFLECT ACTUAL WORK PROGRESS. PAYMENT FOR PREPARING, UPDATING AND SUBMITTING THE SCHEDULE WILL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION OR OTHER PAY ITEMS AS APPROPRIATE.
12. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN FOR APPROVAL BY THE OWNER'S PROJECT MANAGER AND WILL ADDRESS THE INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT SEDIMENT AND EROSION CONTROL DEVICES TO BE USED DURING EACH PHASE OF CONSTRUCTION, INCLUDING TREE REMOVAL, CLEARING AND GRUBBING, EXCAVATION, HAULING OF EXCAVATED MATERIALS, AND PLACEMENT OF EMBANKMENT AND BACKFILL. THE PLAN ALSO WILL DETAIL THE EROSION CONTROL MEASURES TO BE EMPLOYED AT ALL STOCKPILE AND CONSTRUCTION STAGING AREAS AND WILL DEFINE THE MAXIMUM LIMITS OF ALL ACTIVE CONSTRUCTION ZONES.
13. ANY NATIONAL GEODETIC SURVEY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION MUST BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE PROJECT MANAGER AND:

    FDEP, BUREAU OF SURVEY AND MAPPING, MS 105
    3900 COMMONWEALTH BLVD.
    TALLAHASSEE, FLORIDA 32399
    (850) 245-2606 (OFFICE)
    (850) 245-2645 (FAX)

14. PRIOR TO ANY SCHEDULED INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR WILL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND WILL PROVIDE A MINIMUM 24-HOUR NOTICE TO THE AFFECTED PARTIES. THE CONTRACTOR WILL NOTIFY THE ELECTRIC UTILITY A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.
15. NO TRENCHES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT.
16. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF VEGETATION ON AND ADJACENT TO THE PROJECT SITE, AND WILL BE SOLELY LIABLE FOR DAMAGE TO VEGETATION ON PROPERTIES ADJACENT TO CONSTRUCTION WORK ZONES. ALL TREES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED EXCEPT THOSE AREAS IDENTIFIED ON THE PLANS TO BE IMPACTED. ALL TREES OUTSIDE THE CONSTRUCTION WORK ZONE ARE TO BE PROTECTED TO THE MAXIMUM EXTENT PRACTICABLE. TREE BARRICADES WILL BE INSTALLED AND MAINTAINED AROUND ALL TREES TO BE PROTECTED AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE PROJECT MANAGER.
17. THE CONTRACTOR IS RESPONSIBLE TO PLACE AND MAINTAIN ROADSIDE WARNING SIGNS WHEN WORK IS BEING CONDUCTED IN THE PROPERTY RIGHT OF WAY OR WHEN MACHINERY IS ENTERING AND LEAVING THE PROJECT SITE.
18. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF EXCAVATED MATERIAL OFF-SITE UNLESS OTHERWISE DIRECTED BY THE PROJECT MANAGER.
19. ENSURE THAT ALL EQUIPMENT, PRIOR TO BRINGING ON-SITE, IS WASHED AND FREE OF SOIL, SEED, OR OTHER ORGANIC MATTER. EQUIPMENT MAY BE INSPECTED BY THE OWNER'S REPRESENTATIVE PRIOR TO OFF-LOADING FOR USE. ADDITIONAL CLEANING WILL BE PERFORMED BY THE CONTRACTOR IF THE OWNER'S REPRESENTATIVE DETERMINES IT IS NEEDED.

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED DAILY AND REPAIRS MADE AS NECESSARY TO ENSURE THE PROPER AND CONTINUED FUNCTION OF THE CONTROL(S).
3. ALL EROSION AND SEDIMENTATION CONTROL SHALL REMAIN IN PLACE UNTIL A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED.
4. UNDER NO CIRCUMSTANCES SHALL SEDIMENTS BE PERMITTED TO EXIT THE PROJECT LIMITS, INCLUDING TRACKING BY VEHICLES ONTO PAVED ROADWAYS. THE CONTRACTOR SHALL MAKE IMMEDIATE REPAIRS OR ENHANCEMENTS TO ANY EROSION CONTROL SYSTEM THAT ALLOWS THE RELEASE OF SEDIMENTS.

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ELEVATIONS HEREON ARE NGVD 1929

DESIGNER: JDM
DRAWN BY: RG
REVIEWED BY: ----
ISSUE DATE: 06/10/2019
COMP. FILE No.: N/A
STATE PROJECT No.: 61191C

SYMBOL	REVISION	DATE
A		
B		

SYMBOL	REVISION	DATE
C		
D		

DATE

Consultant:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 Fax: 954.921.8807
Certificate of Authorization 514

PROFESSIONAL REGISTRATION
JAMES D. WESSOCK, P.E.
LICENSE NUMBER: 76870

Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 245-2300

OLETA RIVER STATE PARK

SHEET TITLE: LEGEND, NOTES, AND ABBREVIATIONS

PROJECT TITLE: WESTERN ROADWAY IMPROVEMENTS PROJECT

SHEET NO.: G2

13

GENERAL NOTES

(1) UNLESS OTHERWISE NOTED IN THE TECHNICAL SPECIFICATIONS, INSTALLATION, ACCEPTANCE, AND PAYMENT FOR ALL ITEMS REQUIRED IN THESE PLANS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (STANDARD SPECIFICATIONS), FDOT STANDARD PLANS, MIAMI DADE COUNTY MINIMUM STANDARDS, MIAMI DADE COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS AND SPECIFICATIONS, AND ANY OR ALL MIAMI DADE COUNTY TRAFFIC ENGINEERING REQUIREMENTS THAT MEET OR EXCEED THOSE FOUND IN THE ABOVE REFERENCED DOCUMENTS.

(2) THE BENCH MARK DATUM USED FOR THE PLANS IS NATIONAL GEODETIC VERTICAL DATUM (NGVD 29).

(3) EXISTING UTILITY STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.

(4) EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.

(5) CONTRACTOR TO CONFIRM EXISTING DETAILS

(6) EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO REMAIN AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.

(7) EXISTING LIGHTING SYSTEM WITHIN THE PROJECT LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED ON PLANS.

(8) ALL DIMENSIONS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

(9) ALL AREAS DESIGNATED FOR PAVEMENT REMOVAL SHALL BE SAW-CUT AT THE LIMITS OF REMOVAL ADJACENT TO EXISTING PAVEMENT TO REMAIN.

(10) ALL UTILITY MANHOLES, VALVE COVERS, ETC ARE TO BE ADJUSTED BY THE CONTRACTOR TO MATCH PROPOSED GRADE. COST OF SAID ADJUSTMENTS SHALL BE INCIDENTAL TO THE COST OF THE CONTRACT.

(11) UPON RECEIPT OF NOTICE OF AWARD, THE CONTRACTOR SHALL ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE THE CITY OF NORTH MIAMI ENGINEERING DEPARTMENT, THE ENGINEER AND THE CONTRACTOR AFTER OBTAINING A CONSTRUCTION PERMIT FROM THE ENGINEERING DEPARTMENT. NO CONSTRUCTION SHALL COMMENCE UNTIL ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN SECURED AND THE CONTRACTOR HAS BEEN ISSUED A NOTICE TO PROCEED.

(12) THE CONTRACTOR SHALL OBTAIN A "SUNSHINE" CERTIFICATION NUMBER AT LEAST 2 BUSINESS DAYS PRIOR TO BEGINNING ANY EXCAVATION.

(13) CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UTILITIES.

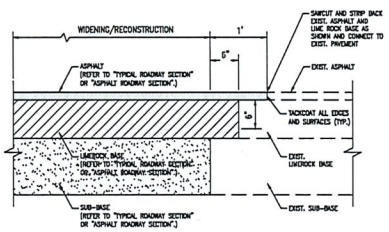
(14) THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING CITY OF NORTH MIAMI UTILITIES FOR WHICH THE CONTRACTOR FAILS TO REQUEST LOCATIONS FROM THE CITY OF NORTH MIAMI UTILITIES DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES.

(15) IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER, WHO WILL IN TURN NOTIFY THE CITY OF NORTH MIAMI ENGINEERING DEPARTMENT.

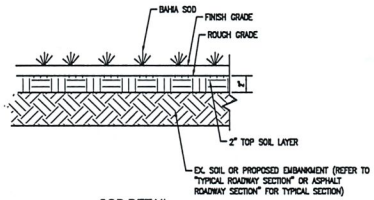
(16) ALL WIDENING AREAS SHALL HAVE MINIMUM WIDTH OF 3' TO ENSURE PROPER COMPACTION.

(17) ALL EXISTING PIPES SHALL BE DESILTED. THE CONTRACTOR SHALL KEEP ALL DRAINAGE PIPES AND STRUCTURES IN WORKING CONDITION THROUGHOUT CONSTRUCTION. EXISTING PIPES SHALL BE INSPECTED & CLEANED PRIOR TO STABILIZING THE SUBGRADE & SHALL BE FREE OF SEDIMENT & DEBRIS DURING CONSTRUCTION. THE CONTRACT SHALL INSPECT & CLEAN THE ENTIRE DRAINAGE SYSTEM ONCE CONSTRUCTION IS COMPLETE, PRIOR TO FINAL WALK-THRU.

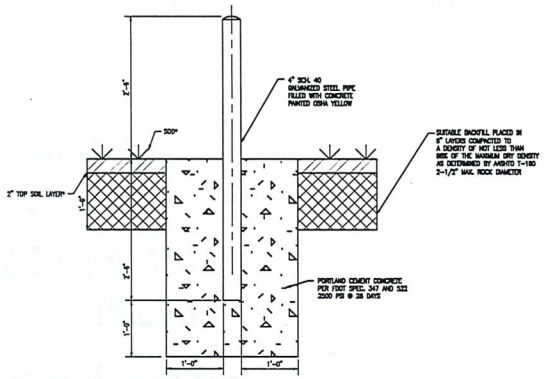
(18) ALL DISTURBED AREA, INCLUDING PAVEMENT MARKINGS, SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE, TO ORIGINAL CONDITION OR BETTER AS STATED IN THE MIAMI DADE MINIMUM STANDARDS.



CONNECTION TO EXISTING PAVEMENT DETAIL
SCALE: N.T.S



SOD DETAIL
SCALE: N.T.S. CURRENT



NOTE:

*SEE PLANS FOR SURFACE RESTORATION AND "TYPICAL ROADWAY SECTION" OR "ASPHALT ROADWAY SECTION" FOR TYPICAL SECTION

BOLLARD DETAIL
SCALE: N.T.S

LOCATION MAP
SCALE: N.T.S

60% DESIGN PLANS
ELEVATIONS HEREON ARE NGVD 1929

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SYMBOL	REVISION	DATE
A		
B		
C		
D		

DESIGNER : JDM
DRAWN BY: VALUE
REVIEWED BY: ------
ISSUE DATE: 06/10/2019
COMP. FILE No.: N/A
STATE PROJECT No.: 611191C

Consultant :

Calvin, Giordano & Associates, Inc.
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1800 Eller Drive, Suite 600 Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
Certificate of Authorization 514

Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300

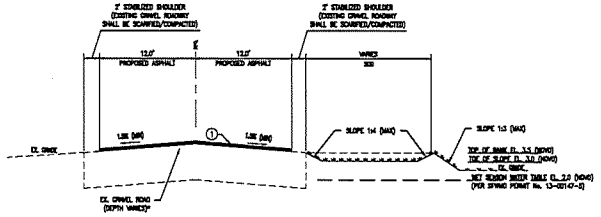
PROFESSIONAL REGISTRATION
JAMES D. MESSICK, P.E.
LICENSE NUMBER: 70370

PROJECT TITLE
WESTERN ROADWAY IMPROVEMENTS PROJECT

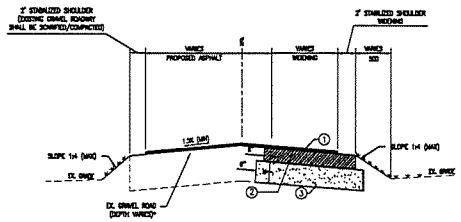
OLETA RIVER STATE PARK

SHEET TITLE
GENERAL NOTES AND DETAILS

SHEET NO.
G4



TYPICAL ROADWAY SECTION STA: 17+00 - 22+80
STA: 29+80 - 33+12 (MIRRORED SECTION)



TYPICAL ROADWAY SECTION STA: 10+00 - 17+00
STA: 22+80 - 29+80

EMBANKMENT

ONCE ALL VEGETATION HAS BEEN REMOVED, THE AREAS SHOULD BE CLEANED OF ANY SILTS, ORGANICS AND OTHER DELETERIOUS SOILS PRIOR TO ANY FILLING OPERATIONS.

FILL PLACED BELOW THE NATURAL GROUNDWATER LEVEL SHALL CONSIST OF CLEAN SAND AND LIMESTONE HAVING A LIMEROCK BEARING RATION (LBR) OF AT LEAST 40. THE FILL MATERIAL SHALL HAVE NO MORE THAN 8 PERCENT PASSING THE No. 200 SIEVE, WITH A MAXIMUM PARTICLE SIZE OF 3 INCHES. THE FILL MAY BE PLACED IN A LOOSE STATE UNTIL REACHING NO MORE THAN TWO FEET ABOVE THE NATURAL GROUNDWATER LEVEL.

ONCE THE FILL HAS BEEN BROUGHT TO TWO FEET ABOVE THE NATURAL GROUND WATER TABLE, THE SOILS SHOULD BE COMPACTED WITH AT LEAST TWENTY PASSES)TEN IN THE NORTH/SOUTH DIRECTION, TEN IN THE EAST/WEST DIRECTION) OR UNTIL GROUND SURFACE SUBSIDENCE HAS BEEN MINIMIZED, WHICHEVER IS GREATER, AND A DENSITY EQUIVALENT TO AT LEAST 95 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557) IS ACHIEVED TO A DEPTH OF AT LEAST 12 INCHES BELOW THE COMPACTED SURFACE.

FILL PLACED ABOVE THE PROOF ROLLED SURFACE MAY CONSIST OF CLEAN GRANULAR SOILS, FREE OF DEBRIS AND ORGANICS, AND SHALL HAVE NO MORE THAN 10 PERCENT PASSING THE No. 200 SIEVE, WITH A MAXIMUM PARTICLE SIZE OF 3 INCHES. THE FILL SHOULD BE PLACED IN LIFTS NOT EXCEEDING 12 INCHES IN LOOSE THICKNESS WHEN USING THE VIBRATORY COMPACTION EQUIPMENT DESCRIBED PREVIOUSLY. EACH LIFT SHOULD BE THOROUGHLY COMPACTED UNTIL DENSITIES EQUIVALENT TO AT LEAST 98 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY ARE UNIFORMLY OBTAINED.

PROPOSED ASPHALT & TEMPORARY ASPHALT DRIVEWAY

- 2" SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC LEVEL "C") TYPE SP-9.5: FIRST LIFT, 1" SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC LEVEL "C") TYPE SP-9.5 (BOTTOM COURSE). FINAL LIFT, 1" SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC LEVEL "C") TYPE SP-9.5 (WEARING COURSE). PRIME COAT SHALL BE APPLIED OVER FINISHED ROCK BASE PER FDOT SPECIFICATIONS SECTION 300.
- IF EXISTING GRADE IS MORE THAN 3" BELOW PROPOSED PAVEMENT ELEVATION, OVERBUILD WITH LIMEROCK BASE COURSE CONSTRUCTED IN 4" MAXIMUM LIFTS (TOTAL THICKNESS VARIES – SEE PLANS) COMPACTED TO A DENSITY OF 98% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 (MIN. LBR 100).
- THE UPPER SIX INCHES OF THE PROPOSED ASPHALT ROADWAY AND SHOULDERS SHALL BE SCARIFIED AND COMPACTED WITH A VIBRATORY COMPACTOR HAVING A MINIMUM DYNAMITE FORCE OF 20 TONS. DENSITIES EQUIVALENT TO AT LEAST 98 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM-01557) SHOULD ALSO BE ACHIEVED TO A DEPTH OF AT LEAST 12 INCHES BELOW THE COMPACTED SURFACE. ANY EXISTING VEGETATION SHALL BE REMOVED PRIOR TO SCARIFYING.

ROADWAY WIDENING

① 2" SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC LEVEL "C") TYPE SP-9.5 IN TWO LIFTS:
FIRST LIFT: 1" SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC LEVEL "C") TYPE SP-9.5 (BOTTOM COURSE)
FINAL LIFT: 1" SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC LEVEL "C") TYPE SP-9.5 (WEARING COURSE)
PRIME COAT SHALL BE APPLIED OVER FINISHED ROCK BASE PER FDOT SPECIFICATIONS SECTION 300.

② 8" LIMEROCK BASE COURSE CONSTRUCTED IN TWO EQUAL LIFTS COMPACTED TO A MINIMUM DENSITY OF 98% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 (MIN. LBR 100)

③ 12" STABILIZED SUBGRADE COMPACTED TO 100% MAX DENSITY PER AASHTO T-180 (MIN. LBR 40)

FINAL LIFT (WEARING COURSE)

THE WEARING COURSES SHALL NOT BE PLACED UNTIL THE FOLLOWING HAS OCCURRED:

A. A WALK THROUGH HAS BEEN CONDUCTED TO DETERMINE IF THERE IS ANY REMAINING WORK THAT MIGHT CAUSE DAMAGE TO THE FINAL LIFT.

B. ALL LANDSCAPE WORK THAT MIGHT CAUSE DAMAGE TO THE FINAL LIFT IS COMPLETE.

C. ALL CONSTRUCTION EQUIPMENT HAS BEEN INSPECTED FOR LEAKS OF FLUIDS THAT MAY BLEMISH OR DAMAGE THE FINAL LIFT. THIS EQUIPMENT SHALL BE REPAIRED, OR REMOVED FROM THE JOB-SITE.

D. A FINISHED ROCK SURVEY HAS BEEN SUBMITTED AND ACCEPTED.

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60% DESIGN PLANS
ELEVATIONS HEREON ARE NGVD 1929

SYMBOL	REVISION	DATE
A		
B		

SYMBOL	REVISION	DATE
C		
D		

DESIGNER : JDM
DRAWN BY: RG
REVIEWED BY: ---
Consultant :

ISSUE DATE: 07/18/2019
CONSP. FILE No.: N/A
STATE PROJECT No.: 61238C

PROFESSIONAL REGISTRATION
JAMES D. MESSICK, P.E.
LICENSE NUMBER: 79970

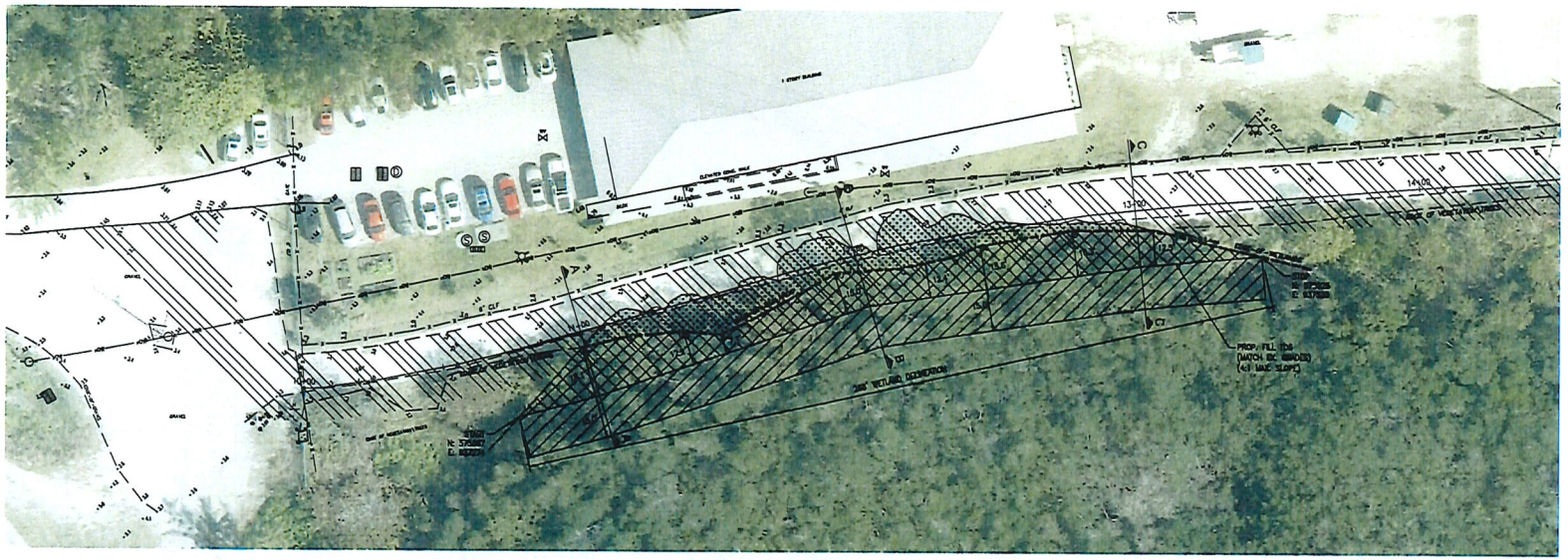
Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300

OLETA RIVER STATE PARK

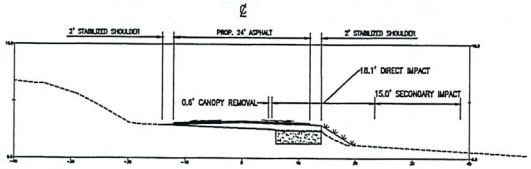
SHEET TITLE
TYPICAL ROADWAY SECTION

PROJECT TITLE
WESTERN ROADWAY IMPROVEMENTS PROJECT

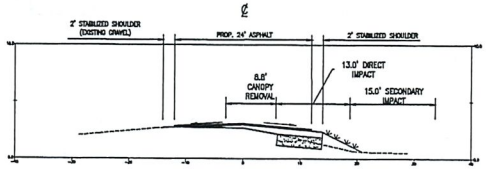
SHEET NO.
G3



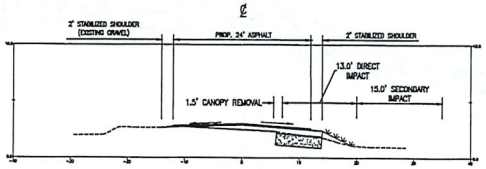
GRAPHIC SCALE
0 10 20 40
(IN FEET)
1" = 20'



TYPICAL CANOPY REMOVAL SECTION A-A
HORIZONAL 1"=10'
VERTICAL 1"= 5'



TYPICAL CANOPY REMOVAL SECTION B-B
HORIZONAL 1"=10'
VERTICAL 1"= 5'



TYPICAL CANOPY REMOVAL SECTION C-C
HORIZONAL 1"=10'
VERTICAL 1"= 5'

LEGEND

- PROPOSED ASPHALT
- 3,233 SF DIRECT WETLANDS IMPACT
- 4,007 SF SECONDARY WETLANDS IMPACTS
- 1,877 SF CANOPY IMPACTS OUTSIDE DIRECT WETLANDS IMPACTS

811 DIAL 811 OR 1-800-432-4770 SUNSHINE STATE ONE-CALL OF FLORIDA, INC. www.callsunshine.com

60% DESIGN PLANS
ELEVATIONS HEREON ARE NGVD 1929

DESIGNER : SL
DRAWN BY: RG
REVIEWED BY: ----
Consultant :

ISSUE DATE: 09/19/19
COMP. FILE No.: N/A
STATE PROJECT No.: 61238C

SYMBOL	REVISION	DATE
A		
B		

SYMBOL	REVISION	DATE
C		
D		

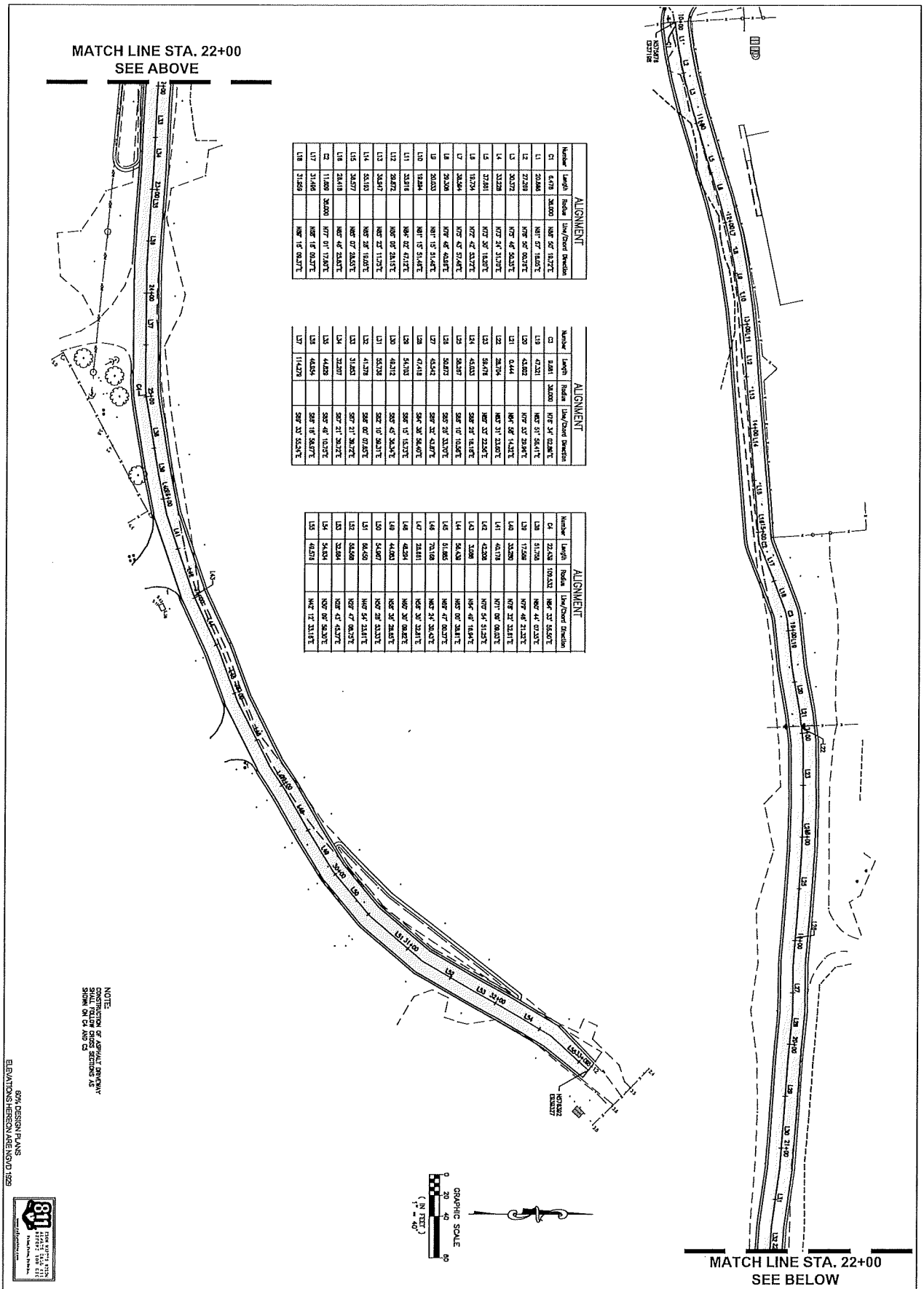
Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300

PROFESSIONAL REGISTRATION
TAYLOR ENGINEERING, INC.
LICENSE NUMBER 1598

PROJECT TITLE
WESTERN ROADWAY IMPROVEMENTS PROJECT

SHEET TITLE
OLETA RIVER STATE PARK
WETLAND IMPACT EXHIBIT

SHEET NO.
EXH1



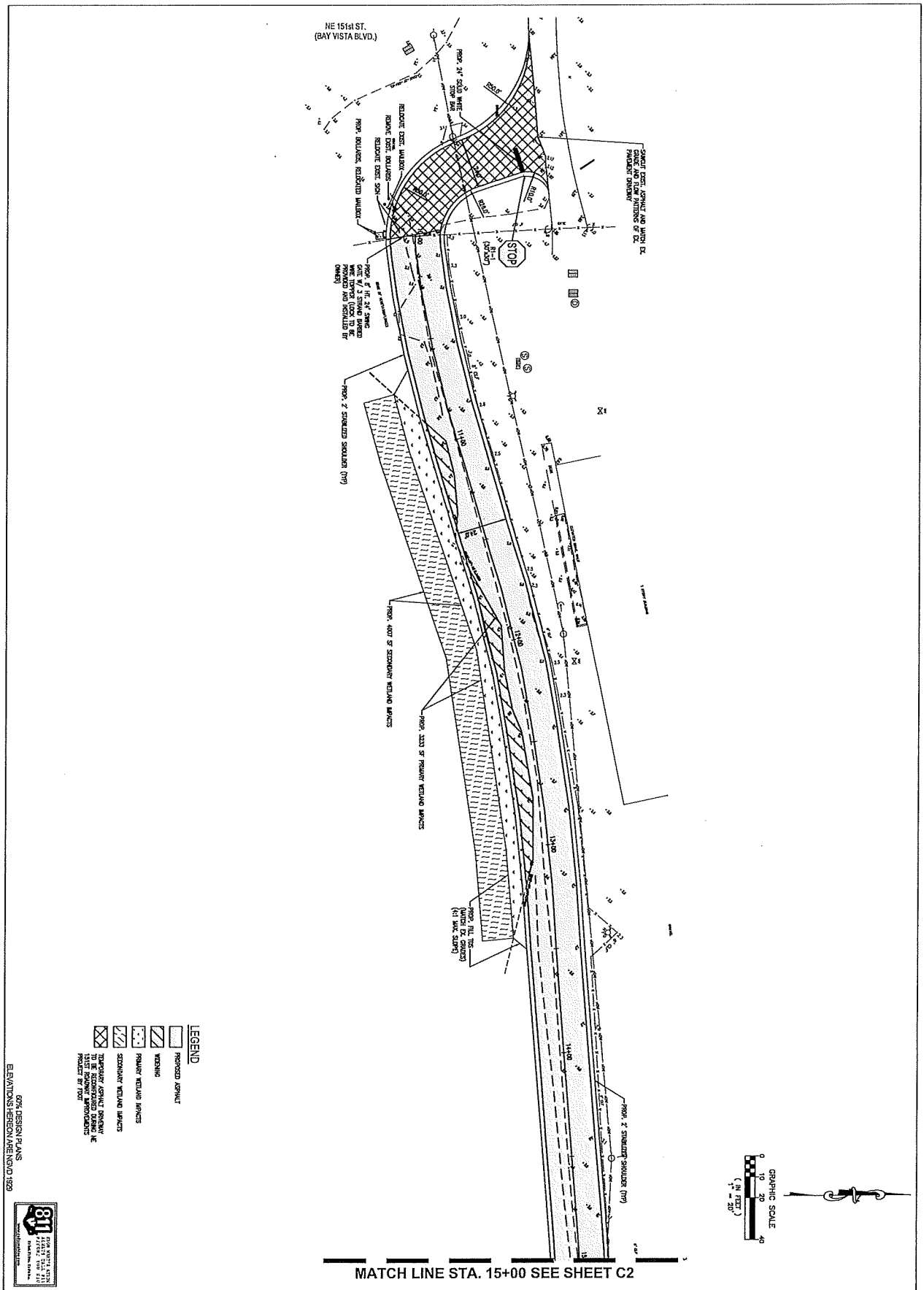
ALIGNMENT				
Number	Length	Radius	Line/Chord	Direction
C1	6.478	36.000	CHORD	N88° 50' 19.2"E
L1	20.886		N81° 57' 18.65"E	
L2	27.228		N78° 56' 00.3"E	
L3	30.272		N75° 49' 58.33"E	
L4	33.228		N73° 24' 31.70"E	
L5	37.681		N72° 30' 18.20"E	
L6	161.724		N72° 42' 33.72"E	
L7	30.564		N75° 43' 57.49"E	
L8	29.306		N78° 48' 40.68"E	
L9	26.033		N81° 15' 51.40"E	
L10	16.284		N81° 15' 51.40"E	
L11	33.516		N84° 02' 47.12"E	
L12	28.872		N88° 00' 28.15"E	
L13	30.547		N88° 22' 11.12"E	
L14	55.103		N85° 28' 16.07"E	
L15	34.577		N84° 07' 28.55"E	
L16	28.418		N80° 48' 23.63"E	
C2	11.000	36.000	N77° 01' 17.80"E	
L17	31.486		N88° 16' 00.37"E	
L18	31.953		N88° 16' 00.37"E	

ALIGNMENT				
Number	Length	Radius	Line/Chord	Direction
C3	8.681	36.000	N78° 34' 02.84"E	
L19	47.331		N83° 51' 56.41"E	
L20	43.852		N79° 33' 20.94"E	
L21	0.444		N84° 56' 14.22"E	
L22	28.704		N83° 31' 22.50"E	
L23	56.678		N82° 33' 22.54"E	
L24	45.533		S88° 24' 14.15"E	
L25	56.257		S86° 10' 10.54"E	
L26	56.873		S85° 22' 33.70"E	
L27	42.542		S85° 32' 42.07"E	
L28	47.418		S84° 36' 56.40"E	
L29	54.703		S86° 15' 15.77"E	
L30	48.312		S88° 45' 56.34"E	
L31	55.738		S88° 10' 56.31"E	
L32	41.378		S88° 00' 07.85"E	
L33	31.453		S87° 21' 36.27"E	
L34	32.207		S87° 21' 36.27"E	
L35	44.835		S85° 48' 10.57"E	
L36	46.934		S85° 18' 55.47"E	
L37	114.279		S85° 32' 53.47"E	

ALIGNMENT				
Number	Length	Radius	Line/Chord	Direction
C4	22.432	109.532	CHORD	N84° 33' 55.01"E
L38	31.705		N79° 46' 21.33"E	
L39	117.686		N77° 49' 21.81"E	
L40	32.280		N76° 33' 22.81"E	
L41	40.178		N77° 09' 09.03"E	
L42	42.226		N77° 54' 51.53"E	
L43	3.088		N84° 49' 19.84"E	
L44	54.438		N85° 00' 38.81"E	
L45	51.885		N85° 47' 09.37"E	
L46	70.168		N85° 24' 56.42"E	
L47	28.811		N84° 30' 32.81"E	
L48	46.284		N85° 30' 09.82"E	
L49	44.093		N84° 38' 28.84"E	
L50	54.847		N84° 29' 33.33"E	
L51	56.450		N85° 54' 23.81"E	
L52	56.598		N86° 47' 08.78"E	
L53	32.984		N88° 43' 43.27"E	
L54	54.934		N89° 09' 56.30"E	
L55	49.578		N90° 17' 23.16"E	

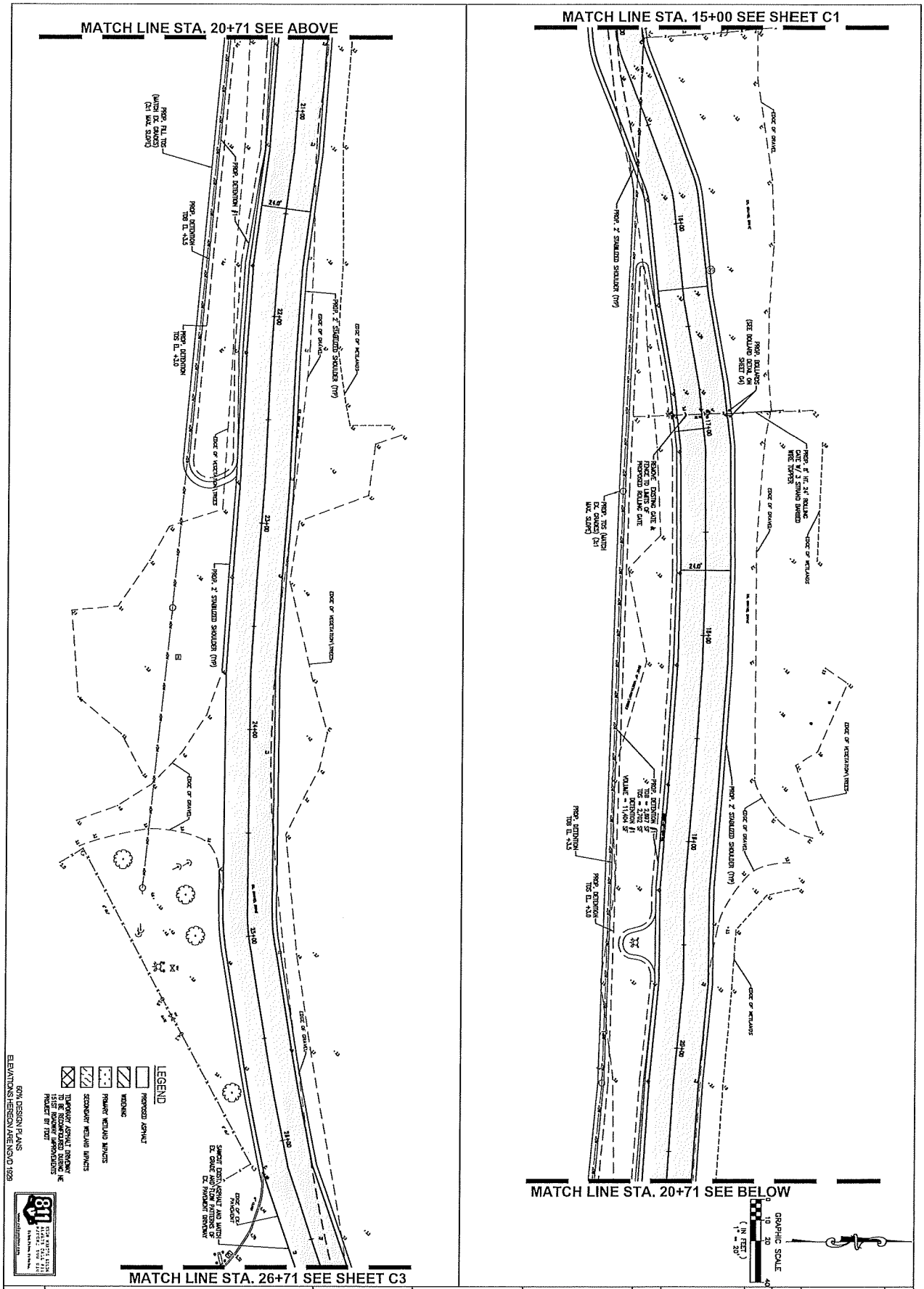
SHEET NO.										
G5	OLETA RIVER STATE PARK	PROFESSIONAL REGISTRATION JAMES D. WESSOK, P.E. LICENSE NUMBER: 70870	DESIGNER : JDM	ISSUE DATE: 07/18/2019	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
	SHEET TITLE: ROADWAY ALIGNMENT PLAN		DRAWN BY: RG	COMP. FILE No.: N/A	A			C		
	PROJECT TITLE: WESTERN ROADWAY IMPROVEMENTS PROJECT		REVIEWED BY:	STATE PROJECT No.: 61238C	B			D		
			Consultant :							

Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300



60% DESIGN PLANS
ELEVATIONS HEREON ARE NGVD 1929

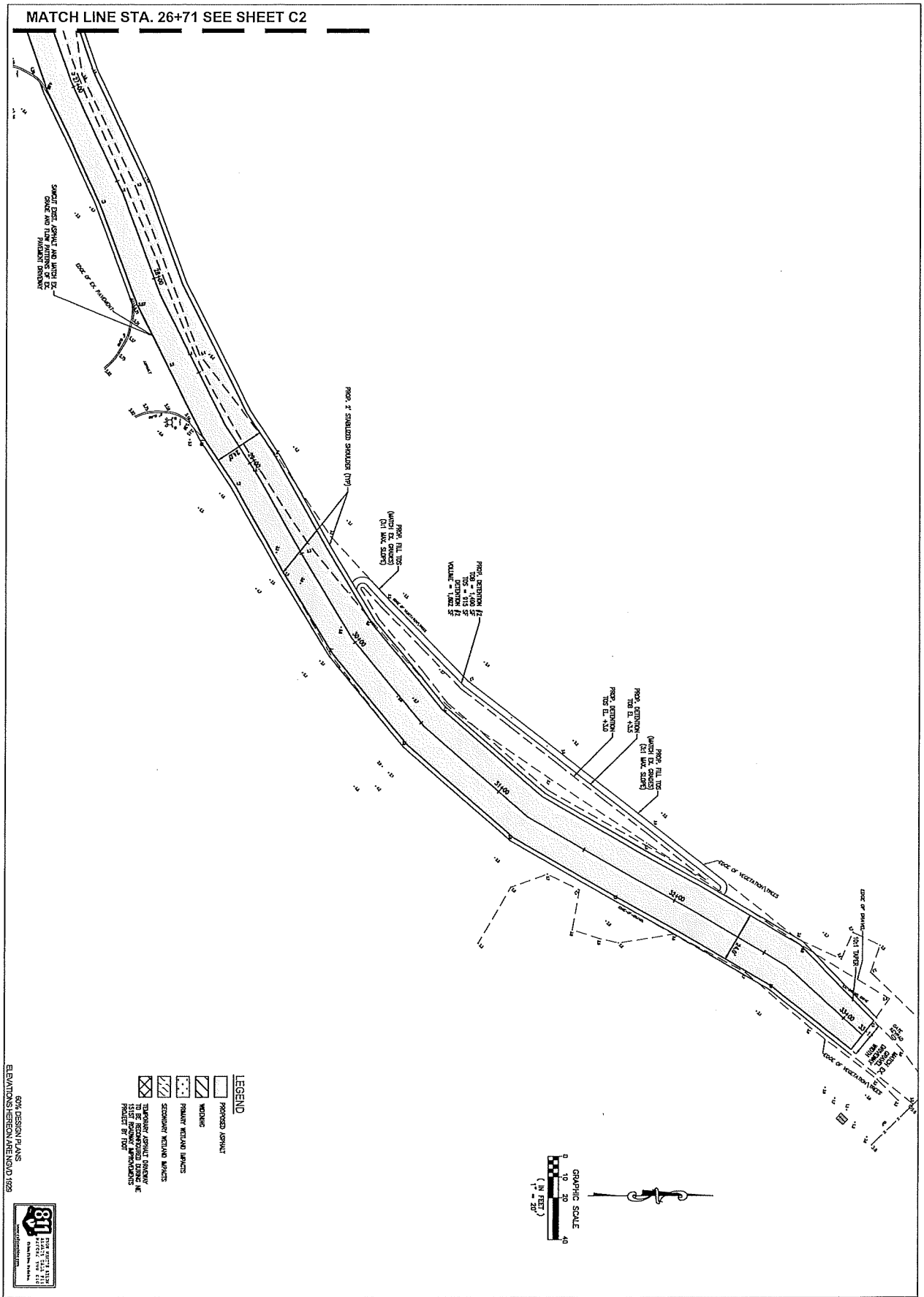
SHEET NO. C1	OLETA RIVER STATE PARK	PROFESSIONAL REGISTRATION JAMES D. MESSICK, P.E. LICENSE NUMBER: 70870	DESIGNER: JDM	ISSUE DATE: 07/18/2019	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
	SHEET TITLE: ROADWAY PLAN		DRAWN BY: RG	COMP. FILE No.: N/A	A			C		
			REVIEWED BY:	STATE PROJECT No.: 61238C	B			D		
	PROJECT TITLE: WESTERN ROADWAY IMPROVEMENTS PROJECT		Consultant:	Department of Environmental Protection Office of Operations Bureau of Design and Construction 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300						



SHEET NO. C2	OLETA RIVER STATE PARK	PROFESSIONAL REGISTRATION JAMES D. MESSICK, P.E. LICENSE NUMBER: 70870	DESIGNER : JDM	ISSUE DATE: 07/18/2019	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
	SHEET TITLE ROADWAY PLAN		DRAWN BY: KJK	COMP. FILE No.: N/A	A			C		
	PROJECT TITLE WESTERN ROADWAY IMPROVEMENTS PROJECT		REVIEWED BY: -----	STATE PROJECT No.: 61238C	B			D		

Consultant : Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316 Phone: 954.921.7781 • Fax: 954.921.8807 Certificate of Authorization 514

Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300



SHEET NO. C3	OLETA RIVER STATE PARK	PROFESSIONAL REGISTRATION JAMES D. MESSICK, P.E. LICENSE NUMBER: 70870	DESIGNER: JDM	ISSUE DATE: 07/18/2019	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
	SHEET TITLE: ROADWAY PLAN		DRAWN BY: KJK	COMP. FILE No.: N/A	A			C		
	PROJECT TITLE: WESTERN ROADWAY IMPROVEMENTS PROJECT		REVIEWED BY:	STATE PROJECT No.: 61238C	B			D		

Consultant: Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316 Phone: 954.921.7781 • Fax: 954.921.8959 Certificate of Authorization 514

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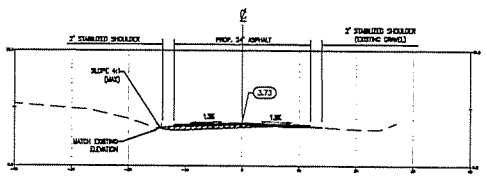

STA. 10+00.00
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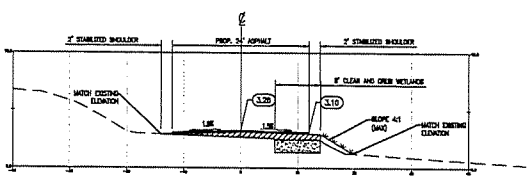
VERTICAL 1"= 5'



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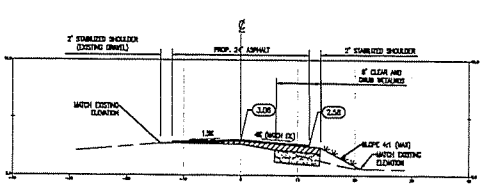

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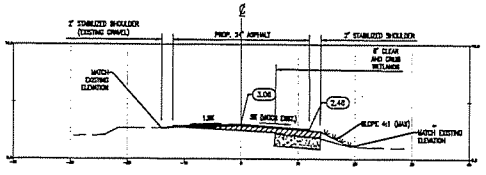

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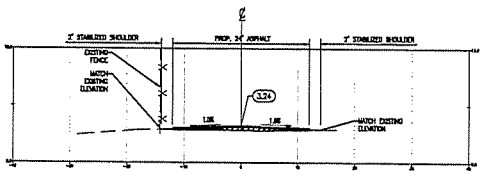

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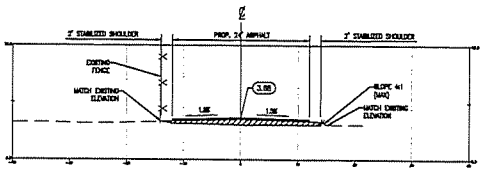

SECTION SL 135
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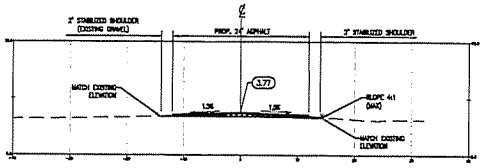

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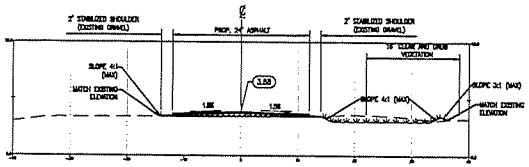

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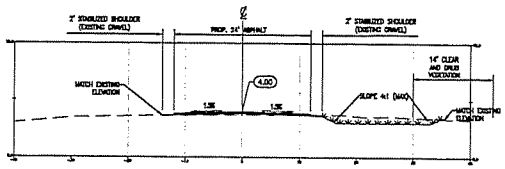

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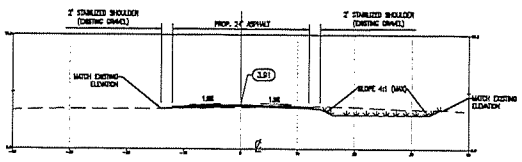

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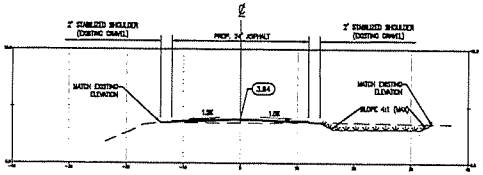

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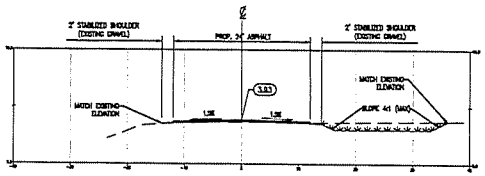

STA. 21+00.00
HORIZONAL 1"=10'
VERTICAL 1"= 5'

HATCHING LEGEND

- LIMEROCK
- SUBGRADE
- SOD

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ELEVATIONS HEREON ARE NGVD 1929

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NO.	DATE	REVISION	SYMBOL
			C
			B
			A

ISSUE DATE: 07/18/2019
COMP. FILE No.: N/A
STATE PROJECT No.: 61238C

DESIGNED: JDM
DRAWN BY: KJK
REVIEWED BY: ---

PROFESSIONAL REGISTRATION
FLORIDA
LICENSE NUMBER: 72870

Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300

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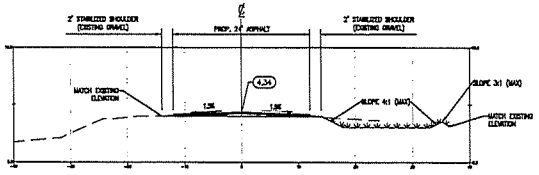
EFFECTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, FL 33316
Phone 954.921.7781 Fax 954.921.8807
Certificate of Authorization 514

SHEET TITLE: CROSS SECTIONS
PROJECT TITLE: WESTERN ROADWAY IMPROVEMENTS PROJECT
OLETA RIVER STATE PARK

SHEET NO.
C4



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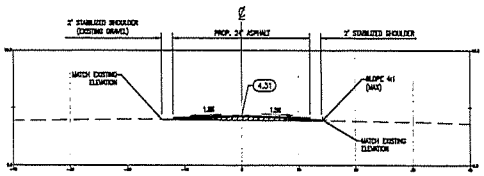

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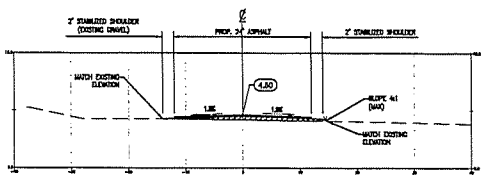

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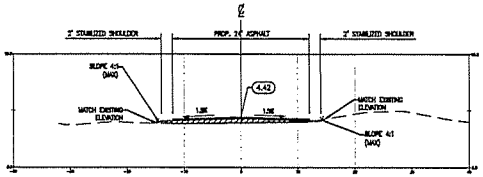

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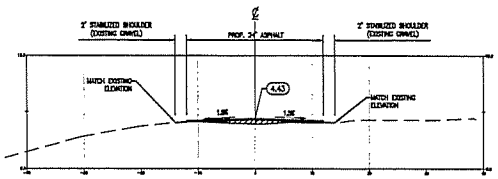

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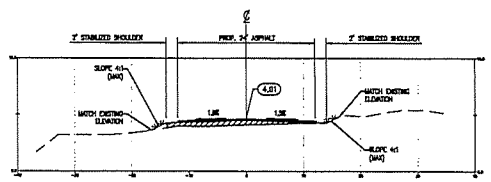

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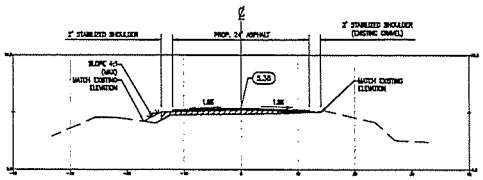

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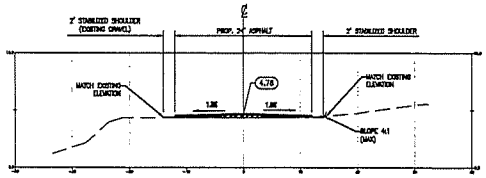

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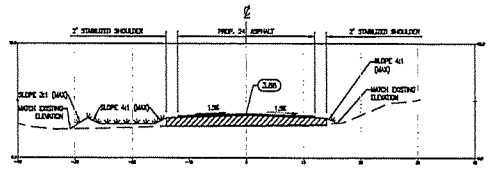

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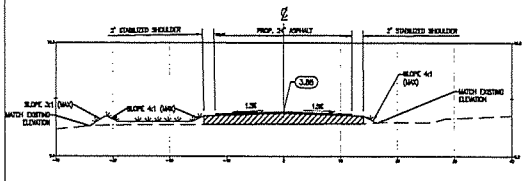

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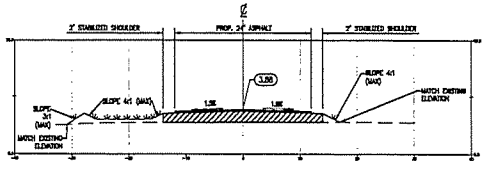

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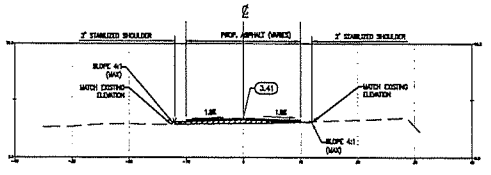

STA.33+00.00
HORIZONAL 1"=10'
VERTICAL 1"= 5'

HATCHING LEGEND

- LIMEROCK
- SUBGRADE
- SOD

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ELEVATIONS HEREON ARE NGVD 1929

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	REVISION	
	SHEET	
	DATE	
	REVISION	
	SHEET	

Department of Environmental Protection
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Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
Phone 954.921.7781 • Fax 954.921.8807
Certificate of Authorization 514

DESIGNED: JDM
DRAWN BY: KJK
REVIEWED BY: ---
ISSUE DATE: 07/18/2019
COMP. FILE No.: N/A
STATE PROJECT No.: 61238C

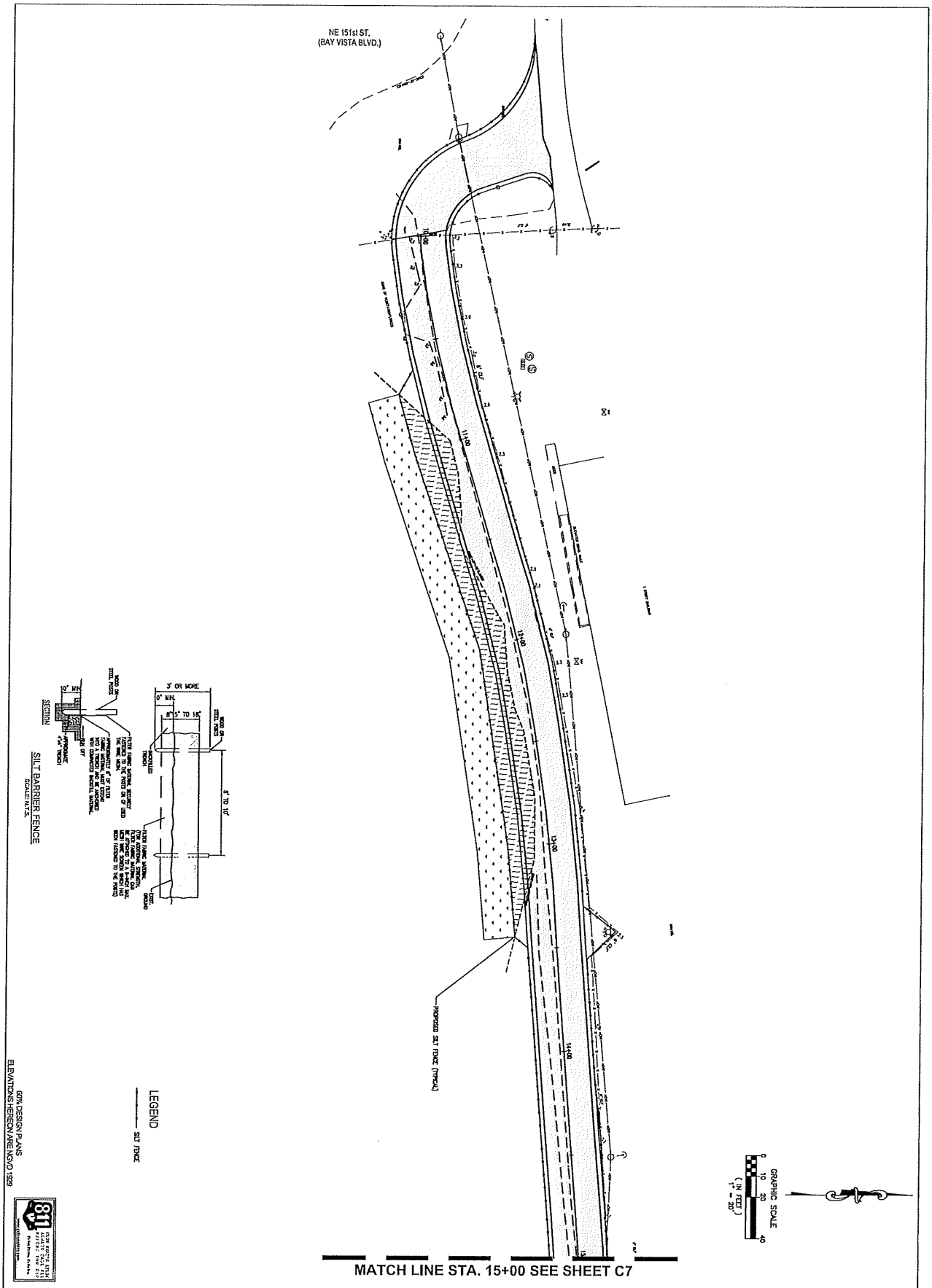
PROFESSIONAL REGISTRATION
JAMES D. MESSICK, PE
LICENSE NUMBER 70870

PROJECT TITLE
WESTERN ROADWAY IMPROVEMENTS PROJECT

OLETA RIVER STATE PARK

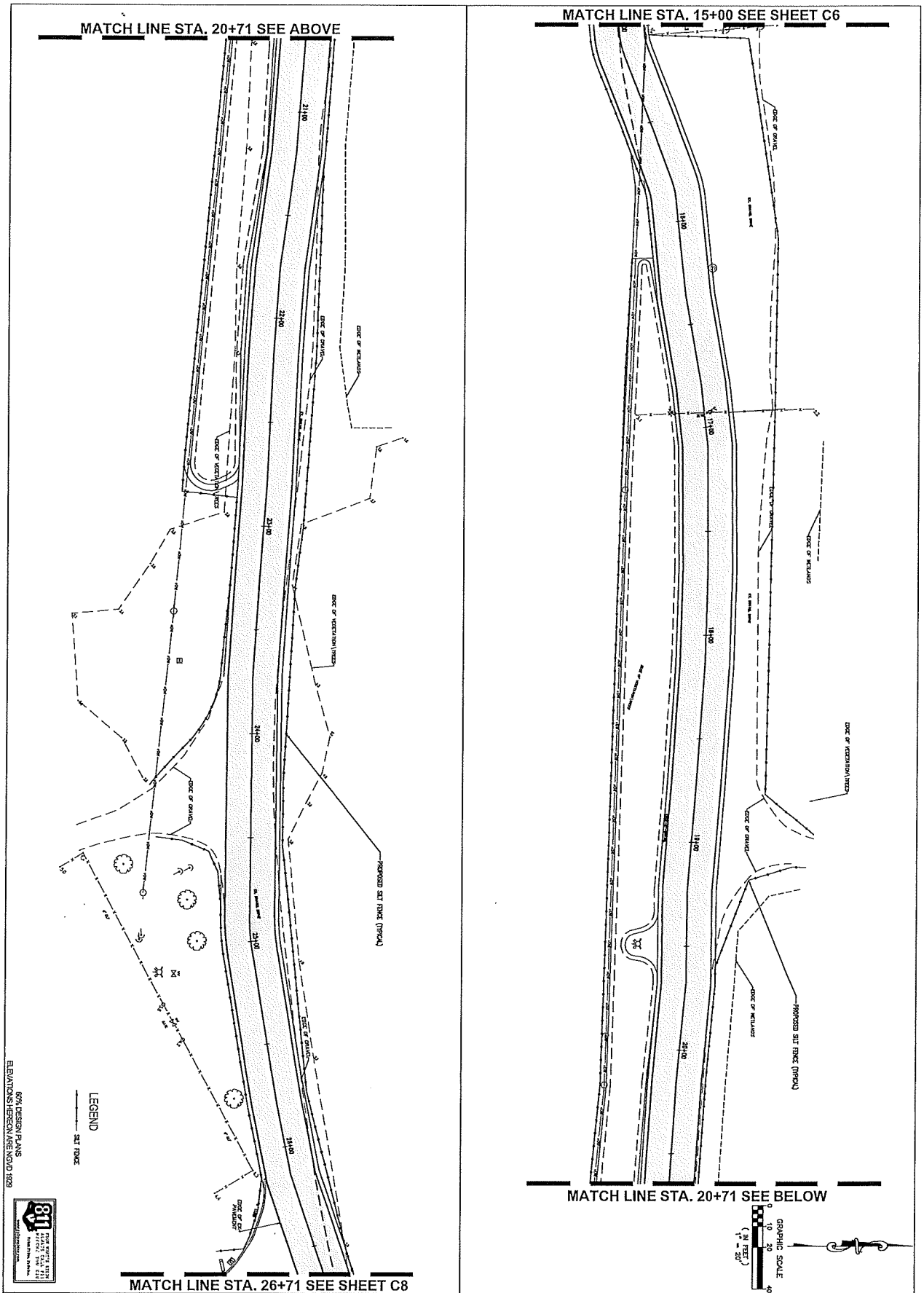
SHEET TITLE
CROSS SECTIONS

SHEET NO.
C5



SHEET NO. C6	OLETA RIVER STATE PARK	PROFESSIONAL REGISTRATION JAMES D. MESSICK, P.E. LICENSE NUMBER: 70670	DESIGNER : JDM	ISSUE DATE: 07/18/2019	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
	SHEET TITLE: STORMWATER POLLUTION PREVENTION PLAN		DRAWN BY: RG	COMP. FILE No.: N/A	A			C		
	PROJECT TITLE: WESTERN ROADWAY IMPROVEMENTS PROJECT		REVIEWED BY:	STATE PROJECT No.: 61238C	B			D		
			Consultant :							

Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300



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SHEET NO.	C7
	OLETA RIVER STATE PARK
SHEET TITLE	STORMWATER POLLUTION PREVENTION PLAN
PROJECT TITLE	WESTERN ROADWAY IMPROVEMENTS PROJECT

PROFESSIONAL REGISTRATION
JAMES D. MESSICK, P.E.
LICENSE NUMBER: 70870

DESIGNED: JDM	ISSUE DATE: 07/18/2019	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
DRAWN BY: KJK	COMP. FILE No.: N/A	A			C		
REVIEWED BY: ------	STATE PROJECT No.: 61238C	B			D		

Consultant:
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
Certificate of Authorization 514

Department of Environmental Protection
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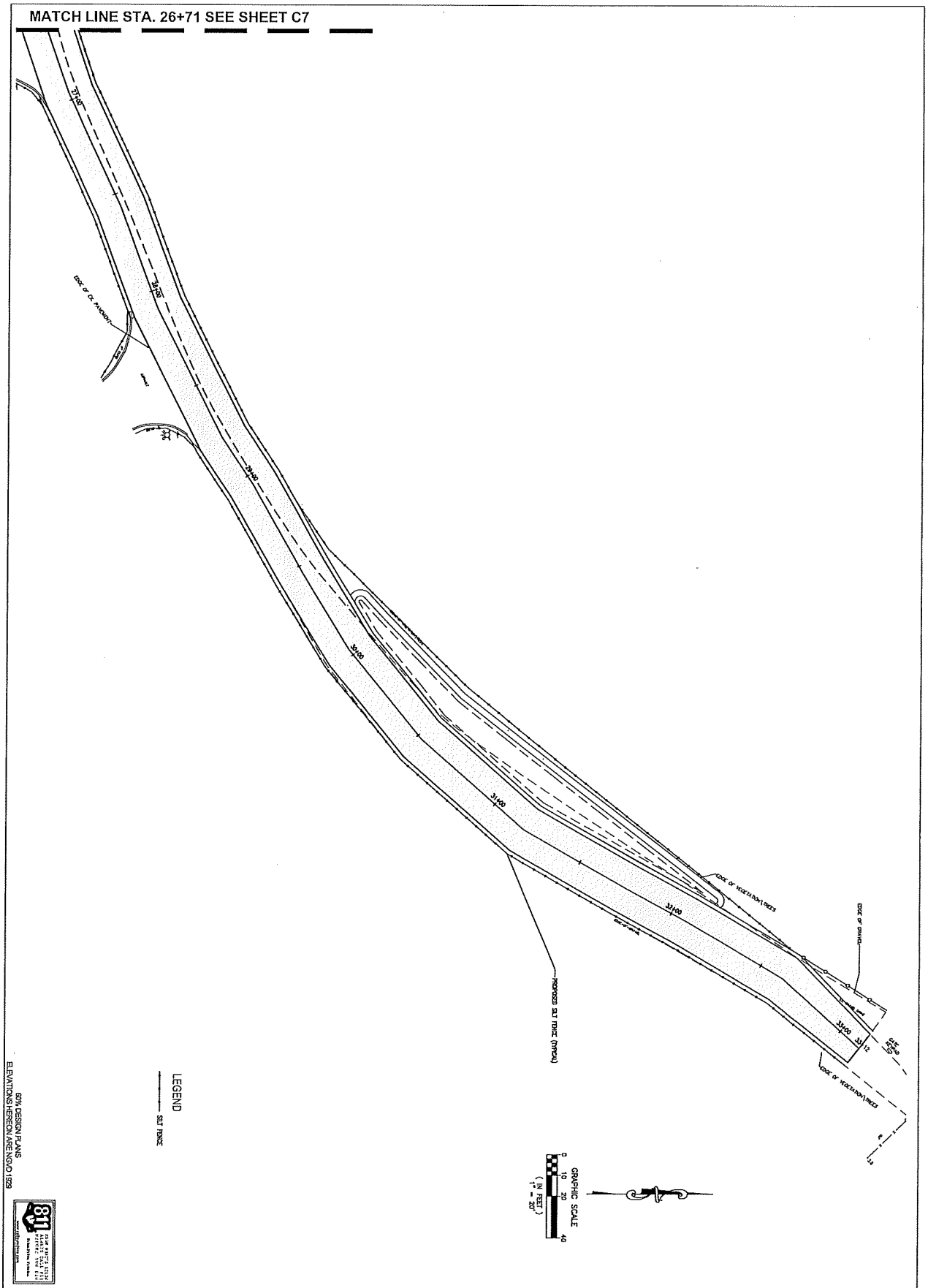
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300



SHEET NO. C8	OLETA RIVER STATE PARK	PROFESSIONAL REGISTRATION JAMES D. MESSICK, P.E. LICENSE NUMBER: 70870	DESIGNER: JDM	ISSUE DATE: 07/18/2019	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
	SHEET TITLE: STORMWATER POLLUTION PREVENTION PLAN		DRAWN BY: KJK	COMP. FILE No.: N/A	A			C		
	PROJECT TITLE: WESTERN ROADWAY IMPROVEMENTS PROJECT		REVIEWED BY: --- --- ---	STATE PROJECT No.: 61238C	B			D		

Consultant: Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
Certificate of Authorization 514

Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300

Attachment C

Names and Addresses of Owners of All Riparian or Wetland Property within Three Hundred (300) Feet of the Proposed Work

Address Label for CLI-2019-0477 BCC Package

City of North Miami
Finance Department
P.O. Box 610847
North Miami, FL 33261

Attachment D

Zoning Memorandum

Memorandum

Date: May 19, 2020

To: McKee Gray, Manager
Coastal Resources Section
Department of Regulatory and Economic Resources

From: Rockell Alhale, Environmental Resource Project Supervisor
Coastal Resources Section
Department of Regulatory and Economic Resources

Subject: Class I Permit Application by the Florida Department of Environmental Protection for the Filling of 3,233 Square Feet of Wetlands Supporting Halophytic Vegetation, the Removal of 1,977 Square Feet of Mangrove Canopy, and Temporary Impacts to 4,007 Square Feet of Wetlands in Association with the Redevelopment of an Existing Roadway within Oleta River State Park located at 2701 Northeast 151st Street, in the City of North Miami, Miami-Dade County, Florida.

Pursuant to Section 24-48.2(II)(B)(7), of the Code of Miami-Dade County, Florida, a substantiating letter or plan approval shall be submitted by the applicant stating that the proposed project does not violate any zoning laws. Said letter or plan approval will be submitted after approval by the Miami-Dade County Board of County Commissioners and prior to issuance of the Class I permit.

Attachment E

DERM Project Report

CLASS I PERMIT APPLICATION NO. CLI-2019-0477

Class I Permit Application by the Florida Department of Environmental Protection for the Filling of 3,233 Square Feet of Wetlands Supporting Halophytic Vegetation, the Removal of 1,977 Square Feet of Mangrove Canopy, and Temporary Impacts to 4,007 Square Feet of Wetlands in Association with the Redevelopment of an Existing Roadway within Oleta River State Park located at 2701 NE 151 Street, in the City of North Miami, Miami-Dade County, Florida

DATE: May 19, 2020

Staff's recommendation of approval for the above-referenced permit application is based on the applicable evaluation factors under Section 24-48.3 of the Code of Miami-Dade County, Florida (Code). The following is a summary of the proposed project and staff's opinion to its conformance with respect to each applicable evaluation factor:

1. **Potential Adverse Environmental Impact** – Pursuant to Section 24-48.4 of the Code, potential adverse environmental impacts and cumulative adverse environmental impacts for a proposed project must be avoided and minimized and mitigation is required for permittable projects that otherwise result in adverse environmental impacts.

   The subject project area is an existing gravel road used to access the Florida Fish and Wildlife Conservation Commission facility within Oleta River State Park, an area designated by the Miami-Dade County Comprehensive Development Master Plan as a Mangrove Protection Area. Of the proposed roadway improvements to 0.46 miles of existing road, only 268 feet of the improvements will encroach directly into halophytic wetlands dominated by red mangroves.

   While the project has been designed to result in the minimal amount of environmental impact necessary to improve the road, the project will result in the filling of 3,233 square feet of wetlands supporting halophytic vegetation and the removal of 1,977 square feet of mangrove canopy. The majority of the proposed road is within the footprint of the existing gravel road and the expanded footprint cannot be shifted north due to an existing office building located in close proximity to the project area. The proposed mangrove trimming and alteration has been minimized and will be done in a manner that preserves the function of the mangrove system and does not adversely affect habitat. To mitigate for otherwise permittable impacts, the applicant has proposed the purchase of saltwater mitigation bank credits from the Florida Power and Light Company's Everglades Mitigation Bank. No mitigation is proposed for the temporary impacts, as this area will not be cleared or filled. Furthermore, it is reasonably expected that the runoff and erosional issues associated with the existing gravel road will be eliminated through the drainage improvements associated with the proposed roadway, and therefore is expected to result in increased water quality in the adjacent halophytic wetlands. The project area will be maintained free of exotic pest plants and nuisance species in accordance with the Class I permit conditions. Any temporary water quality impacts will be minimized through the implementation of proper turbidity controls, including silt fencing, throughout construction operations to ensure that State and County water quality standards are met. In addition, the side slopes at the edge of the improved road will be sodded to further eliminate erosion and turbidity into the future.

2. **Potential Cumulative Adverse Environmental Impact** – The proposed project is not reasonably expected to result in cumulative adverse environmental impacts as set forth in Number 1 above.

3. **Hydrology** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.

4. **Water Quality** – The proposed project may affect surface water quality on a temporary basis during construction operations. Any temporary water quality impacts will be minimized through the implementation of proper turbidity controls, including silt fencing, throughout construction operations to ensure that State and County water quality standards are met. In addition, the side slopes at the edge of the improved road will be sodded to further eliminate erosion and turbidity.

5. **Wellfields** – The proposed project is not reasonably expected to adversely affect wellfields.

6. **Water Supply** – The proposed project is not reasonably expected to adversely affect water supply.

7. **Aquifer Recharge** – The proposed project is not reasonably expected to adversely affect aquifer recharge.

8. **Aesthetics** – The proposed project is not reasonably expected to adversely affect aesthetics.

9. **Navigation** – The proposed project is not reasonably expected to adversely affect navigation.

10. **Public Health** - The proposed project is not reasonably expected to adversely affect public health.

11. **Historic Values** - The proposed project is not reasonably expected to adversely affect historic values.

12. **Archaeological Values** - The proposed project is not reasonably expected to adversely affect archaeological values.

13. **Air Quality** – The proposed project is not reasonably expected to adversely affect air quality.

14. **Marine and Wildlife Habitats** – The proposed project is not reasonably expected to adversely affect marine and wildlife habitats as set forth in Number 1 above.

15. **Wetland Soils Suitable for Habitat** – The proposed project involves the filling of wetlands which will be mitigated as set forth in Number 1 above.

16. **Floral Values –** The proposed project involves the filling of wetlands which will be mitigated as set forth in Number 1 above.

17. **Fauna Values** - The proposed project involves the filling of wetlands which will be mitigated as set forth in Number 1 above.

18. **Rare, Threatened and Endangered Species** – The proposed project is not reasonably expected to adversely affect rare, threatened and endangered species.

19. **Natural Flood Damage Protection** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.

20. **Wetland Values** – The project involves the filling of wetland habitat which will be mitigated as set forth in Number 1 above.

21. **Land Use Classification** – Pursuant to Section 24-48.2(II)(B)(7) of the Code of Miami-Dade County, Florida, a substantiating letter stating that the proposed project does not violate any zoning laws, or a plan approval, will be submitted prior to permit issuance. Said letter or plan approval will be submitted after the approval by the Board of County Commissioners and prior to the issuance of a Class I permit.

22. **Recreation** - The proposed project does not conflict with the recreation element of the Miami-Dade County Comprehensive Development Master Plan.

23. **Other Environmental Values Affecting the Public Interest** – The proposed project is not reasonably expected to adversely affect other environmental values affecting the public interest. The proposed project will occur on lands owned by the applicant.

24. **Conformance with Standard Construction Procedures and Practices and Design and Performance Standards** – The proposed project complies with the standard construction procedures and practices and design and performance standards of the applicable portions of the Code of Miami-Dade County and the Miami-Dade County Public Works Manual.

25. **Comprehensive Environmental Impact Statement (CEIS)** - In the opinion of the Director, the proposed project is not reasonably expected to result in significant adverse environmental impacts or cumulative adverse environmental impacts. Therefore, a CEIS was not required by DERM to evaluate the project.

26. **Conformance with All Applicable Federal, State and Local Laws and Regulations** - The proposed project is in conformance with applicable State, Federal and local laws and regulations:
    a) Chapter 24 of the Code of Miami-Dade County
    b) United States Clean Water Act (U.S. Army Corps of Engineers permit is required)
    c) South Florida Water Management District (permit is required)

27. **Conformance with the Miami-Dade County Comprehensive Development Master Plan (CDMP)** - In the opinion of the Director, the proposed project is consistent as required by CDMP policy LU-3A, with the goals, objectives and policies contained in the Conservation, Aquifer Recharge and Drainage and Coastal Management Elements of this Plan, and with all applicable environmental regulations, as well as other elements of the CDMP. The following is a summary of the proposed project as it relates to the CDMP:

LAND USE ELEMENT I:

Objective 3/Policies 3A, 3B, 3C - Protection of natural resources and systems. – The proposed project is consistent with all applicable environmental regulations, is compatible with surrounding land uses in Biscayne Bay and does not involve development in the Big Cypress area of Critical State Concern or the East Everglades.

TRANSPORTATION ELEMENT II

Aviation Subelement/Objective AV-5A - Aviation System Expansion - There is no aviation element to the proposed project.

Port of Miami River Subelement/Objective 3 - Minimization of impacts to estuarine water quality and marine resources. The project is not located within the Miami River.

CONSERVATION, AQUIFER RECHARGES AND DRAINAGE ELEMENT IV:

Objective 3/Policies 3A, 3B, 3D - Wellfield protection area protection. - The proposed project is not located within a wellfield protection area.

Objective 3/Policy 3E - Limestone mining within the area bounded by the Florida Turnpike, the Miami-Dade/ Broward Levee, N.W. 12 Street and Okeechobee Road. - The proposed project is not located within this area.

Objective 4/Policies 4A, 4B, 4C - Water storage, aquifer recharge potential and maintenance of natural surface water drainage. - The proposed project is not reasonably expected to adversely affect water

storage, aquifer recharge potential or natural surface water drainage.

Objective 5/Policies 5A, 5B, 5F - Flood protection and cut and fill criteria – The proposed project will not compromise flood protection.

Objective 6/Policy 6A - Areas of highest suitability for mineral extraction. - The proposed project is not located in an area proposed or suitable for mineral extraction.

Objective 6/Policy 6B - Guidelines for rock quarries for the re-establishment of native flora and fauna. – The proposed project is not located in a rock quarry.

Objective 7/Policy 7A - Wetland protection and restoration. – The project involves the filling of wetland areas that have been degraded over time due to erosion of the existing gravel roadway into the adjacent mangrove wetlands. The runoff and erosional issues associated with the existing gravel road will be eliminated through the installation of the appropriate, Code-required side slopes, which will be sodded to provide erosion protection as well as pretreatment for stormwater runoff. By eliminating sediment erosion, these improvements are expected to increase water quality in the adjacent halophytic wetlands. To mitigate for otherwise permittable impacts, the applicant has proposed the purchase of saltwater mitigation bank credits from the Florida Power and Light Company's Everglades Mitigation Bank (FPL EMB), which will restore, enhance, and preserve coastal wetlands in accordance with federal, State and local regulations. Based on the very small amount of mangrove wetlands to be impacted and the mitigation at the FPL EMB, it is not anticipated that the project will adversely impact critical habitat that is critical to endangered and threatened species that may utilize mangrove wetlands.

Objective 7/Policy 7C, 7D, 7J - Wetland protection and restoration. – Not applicable to this project.

Objective 9/Policies 9A, 9B, 9C - Protection of habitat critical to Federal or State-designated threatened or endangered species. – The proposed project is not reasonably expected to adversely affect habitat critical to Federal or State-designated threatened or endangered species, and the impacts have been minimized and will be mitigated.

COASTAL MANAGEMENT ELEMENT VII:

Objective 1/Policy 1A – Mangrove wetlands within Mangrove Protected Areas – The proposed work will facilitate safe access of law enforcement personnel and equipment to the FWC facility by providing a more stable and resilient roadway that meets applicable Code requirements, in addition to providing a public emergency evacuation route for the adjacent schools and as an emergency alternative route to NE 151 Street. Therefore, the proposed work is consistent with the CDMP as the work is clearly in the public interest and is in a location where no reasonable upland alternative exists. The majority of the road is within the footprint of the existing gravel road and the expanded footprint cannot be shifted north due to an existing building located in close proximity to the expanded footprint. The proposed trimming and alteration has been minimized and will be done in a manner that preserves the function of the mangrove system and does not adversely affect habitat. The Class I permit will include authorization for future maintenance trimming and alteration of mangroves along the road to maintain clearance, should mangroves grow into this area.

Objective 1/ Policy 1B - Natural surface flow into and through coastal wetlands. – The proposed project will not affect natural surface flow into and through coastal wetlands.

Objective 1/ Policy 1C - Elevated boardwalk access through mangroves. – The proposed project does not involve the construction of an elevated walkway through mangroves.

Objective 1/Policy 1D - Protection and maintenance of mangrove forests and related natural vegetational communities. - The project involves the filling of wetlands which will be mitigated as set forth in Number 1 above.

Objective 1/Policy 1E - Mitigation for the degradation and destruction of coastal wetlands. Monitoring and maintenance of mitigation areas. – The project involves the filling of wetlands which will be mitigated as set forth in Number 1 above.

Objective 1/Policy 1G - Prohibition on dredging or filling of grass/algal flats, hard bottom or other viable benthic communities, except as provided for in Chapter 24 of the Code of Miami-Dade County, Florida. – The proposed project does not involve the dredging or filling of grass/algal flats, hard bottom, or other viable benthic communities.

Objective 2/Policies 2A, 2B - Beach restoration and renourishment objectives. - The proposed project does not involve beach restoration or renourishment.

Objective 3/Policies 3E, 3F - Location of new cut and spoil areas for proper stabilization and minimization of damages. - The proposed project does not involve the development or identification of new cut or spoil areas.

Objective 4/Policy 4A, 4C, 4E, 4F – Protection of endangered or threatened animal species. – The proposed project is not reasonably expected to result in impacts to endangered or threatened species.

Objective 5/Policy 5B - Existing and new areas for water-dependent uses. - The proposed project does not involve a water-dependent use.

Objective 5/Policy 5D - Consistency with Chapter 33D, Miami-Dade County Code. (shoreline access, environmental compatibility of shoreline development) – The proposed project does not meet the thresholds for review by the Shoreline Development Review Committee under the Shoreline Ordinance; the project is not subject to shoreline development review.

Objective 5/Policy 5F - The siting of water dependent facilities. - The proposed project does not involve the creation of new water dependent facilities.

28. **Conformance with Chapter 33B, Code of Miami-Dade County** (East Everglades Zoning Overlay Ordinance) – The proposed project is not located within the East Everglades Area.

29. **Conformance with Miami-Dade County Ordinance 81-19** (Biscayne Bay Management Plan Sections 33D-1 through 33D-4 of the Code of Miami-Dade County) - The proposed project is in conformance with the Biscayne Bay Management Plan.

30. **Conformance with the Miami-Dade County Manatee Protection Plan (MPP)** - The MPP is not applicable to the proposed project.

31. **Consistency with Miami-Dade County Criteria for Lake Excavation** – The proposed project does not involve lake excavation.

32. **Zoning Recommendation** – Pursuant to Section 24-48.2(II)(B)(7) of the Code of Miami-Dade County, Florida, a substantiating letter stating that the proposed project does not violate any zoning laws, or a plan approval, will be submitted prior to permit issuance. Said letter or plan approval will be submitted after the approval by the Board of County Commissioners and prior to the issuance of a Class I permit.

33. **Coastal Resources Management Line** - A coastal resources management line was not required for the proposed project, pursuant to Section 24-48.2(II)(B)(10)(b) of the Code of Miami-Dade County.

34. **Maximum Protection of a Wetland's Hydrological and Biological Functions** – The project involves the filling of wetlands which will be mitigated as set forth in Number 1 above.

35. **Class I Permit Applications Proposing to Exceed the Boundaries Described in Section D-5.03(2)(a) of the Miami-Dade County Public Works Manual** – Not applicable.

The proposed project was also evaluated for compliance with the standards contained in Sections 2448.3(2), (3), and (4) of the Code of Miami-Dade County, Florida. The following is a summary of how the standards relate to the proposed project:

24-48.3 (2) Dredging and Filling for Class I Permit – The proposed project complies with the following criteria:
(e) Minimum dredging and filling as is necessary to enhance the biological, chemical or physical characteristics of adjacent waters.
(f) A physical modification necessary to protect public or private property.

24-48.3 (3) Minimum Water Depth Required for Boat Slips Created by the Construction or Placement of Fixed or Floating Docks and Piers, Piles and Other Structures Requiring a Permit Under Article IV, Division 1 of Chapter 24 of the Code of Miami-Dade County – The Code-required water depth criteria is not applicable to the proposed project.

24-48.3 (4) Clean Fill in Wetlands – The project involves the filling of wetlands; all fill will meet the definition of clean fill as defined in Section 24-5 of the Code of Miami-Dade County.

BASED ON THE FOREGOING, IT IS RECOMMENDED THAT A CLASS I PERMIT BE APPROVED.

McKee Gray, Manager
Coastal Resources Section

Rockell Alhale, ERPS
Coastal Resources Section

MEMORANDUM

(Revised)

TO: Honorable Chairwoman Audrey M. Edmonson
and Members, Board of County Commissioners

DATE: July 21, 2020

FROM: Abigail Price-Williams
County Attorney

SUBJECT: Agenda Item No. 5(K)

Please note any items checked.

_____	**"3-Day Rule" for committees applicable if raised**
_____	**6 weeks required between first reading and public hearing**
_____	**4 weeks notification to municipal officials required prior to public hearing**
_____	**Decreases revenues or increases expenditures without balancing budget**
_____	**Budget required**
_____	**Statement of fiscal impact required**
_____	**Statement of social equity required**
_____	**Ordinance creating a new board requires detailed County Mayor's report for public hearing**
✓	**No committee review**
_____	**Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) ____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) ____) to approve**
_____	**Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 5(K)
7-21-20

RESOLUTION NO. R-713-20

RESOLUTION TAKING ACTION ON A CLASS I PERMIT APPLICATION BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR THE FILLING OF 3,233 SQUARE FEET OF WETLANDS SUPPORTING HALOPHYTIC VEGETATION, THE REMOVAL OF 1,977 SQUARE FEET OF MANGROVE CANOPY, AND TEMPORARY IMPACTS TO 4,007 SQUARE FEET OF WETLANDS IN ASSOCIATION WITH THE REDEVELOPMENT OF AN EXISTING ROADWAY WITHIN OLETA RIVER STATE PARK LOCATED AT 2701 NORTHEAST 151 STREET, IN THE CITY OF NORTH MIAMI, MIAMI-DADE COUNTY, FLORIDA

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board having considered all the applicable factors contained within Section 24-48.3 of the Code of Miami-Dade County, hereby approves the application by the Florida Department of Environmental Protection for the filling of 3,233 square feet of wetlands supporting halophytic vegetation, the removal of 1,977 square feet of mangrove canopy, and temporary impacts to 4,007 square feet of wetlands in association with the redevelopment of an existing roadway within Oleta River State Park located at 2701 Northeast 151 Street, in the City of North Miami, Miami-Dade County, Florida, subject to the conditions set forth in the memorandum from the Miami-Dade County Department of Regulatory and Economic Resources, a copy of which is attached hereto and made a part hereof. The issuance of this approval does not relieve the applicant from obtaining all applicable Federal, State, and local permits.

The foregoing resolution was offered by Commissioner **Dennis C. Moss**, who moved its adoption. The motion was seconded by Commissioner **Sally A. Heyman** and upon being put to a vote, the vote was as follows:

Audrey M. Edmonson, Chairwoman	**aye**		
Rebeca Sosa, Vice Chairwoman	**aye**		
Esteban L. Bovo, Jr.	**aye**	Daniella Levine Cava	**aye**
Jose "Pepe" Diaz	**aye**	Sally A. Heyman	**aye**
Eileen Higgins	**aye**	Barbara J. Jordan	**aye**
Joe A. Martinez	**aye**	Jean Monestime	**aye**
Dennis C. Moss	**aye**	Sen. Javier D. Souto	**aye**
Xavier L. Suarez	**absent**		

The Chairperson thereupon declared this resolution duly passed and adopted this 21st day of July, 2020. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: **Melissa Adames**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Abbie Schwaderer-Raurell