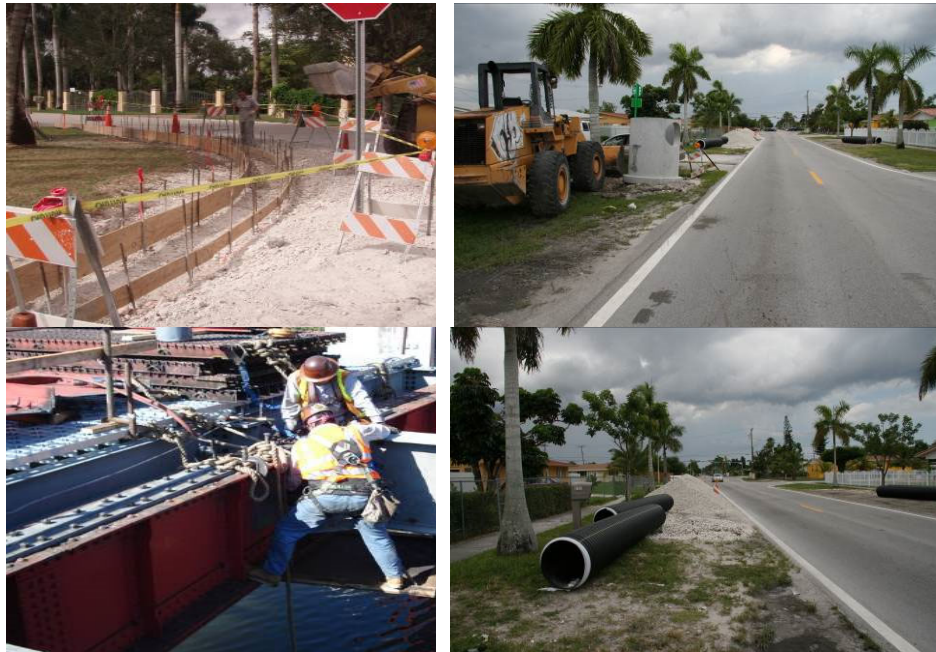


ELECTRONIC DOCUMENTS DISCLAIMER

1. Electronic copies of the solicitation documents are made available on this website solely for the convenience of prospective bidders (whether as a prime contractor or sub-contractor) on the Project, and are not considered part of the Contract Documents. No representation or warranty is made, either expressed or implied, with regard to the accuracy or suitability of these electronic copies for any purpose whatsoever. In the event of discrepancies or conflicts between the County's originally published document(s) and any other version distributed or submitted by other parties, the County's original hard copy version shall prevail.
2. Miami-Dade County Department of Transportation and Public Works (DTPW) does not track or monitor downloads of Project documents from this website. Therefore, prospective bidders who choose to use this method of distribution shall also be responsible for monitoring the site and downloading any applicable addenda or supplemental information. DTPW will distribute hard copy addenda or supplemental information only to those persons or firms who we have purchased a hard copy of the original solicitation documents.
3. Miami-Dade County shall not be responsible for errors and omissions occurring in the transmission or downloading of any documents or specifications from this website. In the event of any discrepancy between information obtained from this website and the DTPW hard copy solicitation documents and specifications, the terms of the hard copy documents will prevail.
4. Miami-Dade County does not guarantee continuous, uninterrupted or secure access to this or other related websites. Operation of this website may be affected from time to time by numerous factors outside of our control. In the event that we are notified of any problems in a timely manner we will do our best to assist with those problems that fall within our control. For assistance, contact us at 305-375-2930. Solicitation documents are removed from this website as soon as possible after the due date.
5. DTPW does not accept facsimile or electronic bid responses of any kind. All bids must be submitted in writing, on the forms provided by the County, to the address designated in the bid package. It is the bidder's responsibility to ensure that their submittals are received at the designated location, complete and on time. Bids received after the due date will be rejected, even if the solicitation is still appearing on this site.
6. These documents shall not be altered in any manner. Utilization or viewing of these electronic documents shall constitute implicit acknowledgement and acceptance of these provisions. Failure to comply with these provisions may result in rejection of your bid.



Snowden Pedestrian Bridge No. 879043

Miami-Dade County

Supplemental Solicitation & Contract Documents

Small Business Enterprise-Good & Services Program (SBE-Service):
1.0% (Goal Measurements)

Community Workforce Program:
N/A

DTPW Capital Improvements Engineer:
Marco Movilla

RPQ Issue Date:
January 9, 2025

TABLE OF CONTENTS

SECTION 1: INVITATION TO BID

SECTION 2: SOLICITATION FORMS

BID FORM

ATTACHMENT 5A

ACKNOWLEDGEMENT OF ADDENDA

SURETY BID BOND FORM

CERTIFICATE OF ASSURANCE

NON-COLLUSION AFFIDAVIT

AFFIRMATION OF VENDOR AFFIDAVITS

CONTRACTOR DUE DILIGENCE AFFIDAVIT

SECTION 3: INSTRUCTION TO BIDDERS

SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

SECTION 4: SUPPLEMENTAL INFORMATION

SAMPLE SURETY PERFORMANCE AND PAYMENT BOND

PERMITS

SECTION 1: INVITATION TO BID

INVITATION TO BID

**Department of Transportation and
Public Works**

Capital Improvements Division
111 NW 1st Street, Suite 1410
Miami, FL 33128 33128



MIAMI-DADE COUNTY, FLORIDA
REQUEST FOR PRICE QUOTATION (RPQ)

Contract No: MCC 7360 Plan

RPQ No: 20240235

INVITATION TO BID

A RPQ has been issued for the work identified below. If you are interested in submitting a bid for this project, please submit your bid via Sealed Envelopes, attention to Office of the Clerk of the Board at 111 NW 1st ST. 17th Floor. Miami, FL. 33128 - Clerk of the Board Office no later than 2/26/2025 at 02:00 PM. If you have any questions, contact Marco Movilla at (305) 375-3267.

This RPQ is issued under the terms and conditions of the Miscellaneous Construction Contracts (MCC) Program MCC 7360 Plan.

RPQ DETAILED BREAKDOWN

Bid Due Date:	2/26/2025	Time Due:	02:00 PM	Submitted Via:	Sealed Envelopes			
Estimated Value:	\$1,419,229	(excluding Contingencies and Dedicated Allowances)						
Project Name:	Snowden Pedestrian Bridge No. 879043							
Project Location:	Along Old Cutler Trail, North of SW 174th Street, over C-100 Canal, Adj. to Bridge 874293							
License Requirements:	Primary:	General Engineering; Structural						
Scope of Work:	<p>(Contractor must obtain and submit all permits prior to performing any work). Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents.</p> <p>Work includes but is not limited to the following:</p> <p>1) Installation of a new prefabricated pedestrian bridge (New bridge No. 879043) over C-100 Canal, adjacent to bridge 874293, including abutments, approach slabs, lighting, signing and pavement markings, sodding and drainage system improvements.</p> <p>2) Pedestrian bridge approach improvements (Signing & Pavement Markings, Drainage, clearing & Grubbing, etc.)</p> <p>3) Maintenance and detouring of traffic during construction, to be designed by Contractor. Sign and sealed traffic control plans shall be provided for review and approval by Miami-Dade Public Works permit system.</p> <p>Contractor shall coordinate with all utility agencies, including SFWMD, Village of Palmetto Bay, MDC Parks & Recreation and Open spaces, etc.</p>							
Document Pickup:	Contact:	DTPW Capital Improvements Division	Phone No:	(305) 375-2930	Date:	1/9/2025		
	Location:	111 NW 1st Street. Suite# 1410. Miami, FL. 33128						
Pre-Bid Meeting::	YES	Mandatory:	No	Date:	1/29/2025	Time:	10:00 AM	
	Location:	See Info. Below in Comments						
Site Meeting:	No	Mandatory:	No	Date:	1/29/2025	Time:	10:00 AM	
	Location:	See Info. Below in Comments						
Bid shall be submitted to:	Contact:	Office of the Clerk of the Board						
	Address:	111 NW 1st ST. 17th Floor. Miami, FL. 33128 - Clerk of the Board Office						
	Email:	Clerkbbc@miamidade.gov	FAX # :	305-375-2931				
Type of Contract:	Multiple Trade		Method of Award:	Lowest Responsible Bidder				
Method of Payment:	Scheduled Monthly Payments		Insurance Required:	YES				
Additional Insurance Required:	YES		If Yes - Minimum Coverage:	\$1,000,000.00				
Performance & Payment Bond Required:	YES		Bid Bond Required:	YES				
Davis Bacon:	NO	Maintenance Wages:	NO	AIPP:	NO	Amount:		
DBE Participation:	NO	Percentage:	0.00%	DBE Subcontractor Forms Required:				NO
SBE-S Requirements	YES	Percentage:	1.00%					

SBE-G Requirements	NO	Percentage:	0.00%		
Liquidated Damages:	YES	\$\$ Per Day:	\$1,685.00		
For RPQ's less than \$10,000, if no LD rate is specified, the County reserves the right to assess actual damages in lieu of LDs.					
Design Drawing Included:	NO	Shop Drawing Included:	NO	Specifications Included:	NO
Anticipated Start Date:	8/4/2025		Calendar Days for Project Completion:		240
Comments:	<p>LOCATION OF WORK:</p> <p>Along Old Cutler Trail, North of SW 174th Street, over C-100 Canal, Adj. to Bridge 874293.</p> <p>A. LICENSE REQUIREMENTS:</p> <p>At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active:</p> <p>1) Certificate of Competency from the County's Construction Trades Qualifying Board as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Project's Scope of Work, in one or more engineering crafts to include Structural Engineering. The Specialty Contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified; or</p> <p>2) Certification as State of Florida General Contractor provided by the State of Florida Contractors' Licensing Board, pursuant to the provisions of Section 489.511 of the Florida Statutes (F.S.)</p> <p>B. EXPERIENCE REQUIREMENTS:</p> <p>1) The Bidder must demonstrate that it has full-time personnel with the necessary experience to perform the Project's Scope of Work. This experience shall include work in successfully completed projects performed by the identified personnel whose bulk of work performed in the Public Right-of-Way is similar in detail to the Project's Scope of Work described in these Solicitation Documents. Demonstrate the experience requirement by:</p> <p>a. Providing a detailed description of at least three (3) projects similar in detail to the Project's Scope of Work described in these Solicitation Documents and in which the Bidder's identified personnel is currently engaged or has completed within the past five years. List and describe the aforementioned projects and state whether the work was performed for the County, other government clients, or private entities. The description must identify for each project:</p> <ol style="list-style-type: none"> 1. The identified personnel and their assigned role and responsibilities for the listed project. 2. The client's name and address including a contact person and phone number for reference. 3. Description of work. 4. Total dollar value of the contract. 5. Contract duration. 6. Statement or notation of whether Bidder's referenced personnel is/was employed by the prime contractor or subcontractor, and 7. For completed projects, provide letters of certification of final acceptance or similar project closure documentation issued by the client and available Contractor's performance evaluations. <p>2) The County reserves the right to request additional information and/or contact listed persons pertaining to bidder's experience.</p> <p>C. INDEMNIFICATION AND INSURANCE REQUIREMENTS:</p> <p>The Contractor shall furnish to Department of Transportation and Public Works, 111 NW 1 Street, Miami Florida 33128, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:</p> <p>A. Worker's Compensation Insurance as required by Florida Statute 440 or any applicable law.</p> <p>B. Commercial General Liability Insurance for \$1,000,000 each occurrence, \$2,000,000</p>				

aggregate. Products/completed operations. Miami-Dade County must be included as additional insured for any and all work.

C. Automobile Liability Insurance covering all owned, non-owned and hired vehicles for \$1,000,000 combined single limit.

D. Umbrella providing excess coverage over underlying(s) B and C coverages for \$3,000,000 each occurrence/aggregate. Terms to be not more restrictive than underlying coverages.

E. Builders' risk or installation floater for 100% of the total value of the project on a replacement cost basis. All Risks or special perils basis including wind. Miami-Dade County must be included as named insured or loss payee.

All insurance policies required above shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The company must be rated no less than "A-" as to management, and no less than "Class VII" as to financial strength, by Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the approval of the County Risk Management Division.

or

The company must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to Do Business in Florida" issued by the State of Florida Department of Financial Services.

Miami-Dade County reserves the right, upon reasonable notice, to request and examine the policies of insurance (including but not limited to policies, binders, amendments, exclusions or riders, etc.)

NOTE: CERTIFICATE HOLDER MUST READ:

MIAMI-DADE COUNTY
111 NW 1st STREET
SUITE 2340
MIAMI, FL 33128

D. BID DOCUMENTS:

Bidding documents may be purchased from the Miami-Dade County Department of Transportation and Public Works, Capital Improvements Division, 111 NW 1st Street, 14th Floor, Miami, Florida 33128 for a non-refundable fee of one hundred twenty-five dollars (\$125.00) per each complete set of documents. Payment shall be in the form of a company check, cashier's check, or money order payable to the "Miami-Dade County, Department of Transportation and Public Works." Documents can also be downloaded for free at <https://www8.miamidade.gov/DPMww/SolicitationList.aspx>

E. ADDENDUMS - RFI'S:

All RFI requests should be e-mailed to Marco.Movilla@miamidade.gov while copying the Clerk of the Board (clerkbcc@miamidade.gov).

The Department of Transportation and Public Works has made changes regarding how addendums and requests for information (RFI) will be sent to document holders. Be advised that Solicitation Documents, Addendums, RFI's, and the document holders list (bidder's list) are now available to view online at the following web address:

<https://www.miamidade.gov/apps/isd/StratProc/Home/CurrentSolicitations>

Therefore, during the advertising period, the Department will not be sending these documents via certified mail. All document holders must provide an e-mail address. The Department will only be sending addendums and RFI's by e-mail and posting online at the aforementioned link. The bidders list will be updated every Friday during the advertising phase of the contract. Please be

aware that acknowledgment of receipt of all addendums and RFI's remain a requirement when submitting bids.

F. VENDOR REGISTRATION:

Due to the new Vendor Registration procedures of the Internal Services Department, Procurement management Division, updated definitions along with the "Affirmation of Vendor Affidavits" has been added to the Bid Submittal Package. The successful bidder must be registered under this new procedure prior to the award.

G. PRE-BID MEETING AND SITE VISIT MEETING:

DTPW conducts virtual non-mandatory pre-bid meetings. The telephone number and teleconference access code to access the meeting are:

The Date for this meeting will be on: Wednesday, January 29th, 2025, at 10:00 am (See information displayed below in order to get access to the meeting online)

Join the meeting now

Meeting ID: 263 803 835 925

Passcode: Zo6Pr7pc

Dial in by phone

+1 786-628-2782,373815080# United States, Miami

Find a local number

Phone conference ID: 373 815 080#

H. BID SUBMITTAL DUE DATE:

Bid Submittal Time and Location:

Wednesday, 2:00 P.M., February 26th, 2025, at 111 NW 1 Street, 17th Floor, Clerk of the Board Office.

Bid Opening immediately after Bid Submittal in the 18th Floor.

DISCLOSURE:

- Contractor shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the Contractor or its employees, agents, servants, partners principals or subcontractors. Contractor shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may issue thereon. Contractor expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the Contractor shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County or its officers, employees, agents and instrumentalities as herein provided.

The Contractor shall furnish to **Department of Transportation and Public Works, Capital Improvements Division, 111 NW 1st Street, Suite 1410, Miami, FL 33128** Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- A.** Worker's Compensation Insurance for all employees of the Contractor as required by Florida Statute 440.
 - a. If applicable should include coverage required under the U.S. Longshoremen and Harbor Workers' Act (USL&H) and/or Jones Act for any activities on or about navigable water.
- B.** Commercial General Liability in an amount not less than \$1,000,000 per occurrence, and \$2,000,000 in the aggregate. Miami-Dade County must be shown as an additional insured with respect to this coverage.
- C.** Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage.

*Under no circumstances are Contractors permitted on the Aviation Department, Aircraft Operating Airside (A.O.A) at Miami International Airport without increasing automobile coverage to \$5 million. Only vehicles owned or leased by a company will be authorized. \$1 million limit applies at all other airports.

VERIFICATION OF EMPLOYMENT ELIGIBILITY (E-VERIFY):

By entering the Contract, the Awarded Bidder becomes obligated to comply with the provisions of Section 448.095, Florida Statute, titled "Verification of Employment Eligibility." This includes but is not limited to utilization of the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of all newly hired employees by the Awarded Bidder effective, January 1, 2021, and requiring all Subcontractors to provide an affidavit attesting that the Subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply may lead to termination of this Awarded Bidder, or if a Subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. If this Contract is terminated for a violation of the statute by the Awarded Bidder, the Awarded Bidder may not be awarded a public contract for a period of one year after the date of termination, and the Awarded Bidder may be liable for any additional costs incurred by the County resulting from the termination of the Contract. Public and private employers must enroll in the E-Verify System (<http://www.uscis.gov/e-verify>) and retain the I-9 Forms for inspection.

SECTION 2: SOLICITATION FORMS

All forms and documents contained in this Section shall be completed pursuant to these Contract Documents and submitted with the Bid Submittal for this Project.

BID FORM

Bid Form

PROJECT TITLE: SNOWDEN PEDESTRIAN BRIDGE No. 879043

PROJECT NO: 20240235

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN TWO HUNDRED FORTY (240) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
101-1-A	1.0	L.S.	Mobilization			
102-1A	1.0	L.S.	MAINTENANCE OF TRAFFIC			
104-10-3	540.0	L.F.	Sediment Barrier			
104-18	2.0	EA.	Inlet Protection System			
104-11A	442.0	L.F.	FLOATING TURBIDITY BARRIER			
108-1	1.0	L.S.	Protection of Existing Structures –Inspection and Settlement Monitoring			
108-2	1.0	L.S.	Protection of Existing Structures –Vibration Monitoring			
110-1-1B	1.0	L.S.	CLEARING AND GRUBBING			
120-1	67.3	C.Y.	REGULAR EXCAVATION			
120-6	1,466.3	C.Y.	EMBANKMENT (This item is contingent upon field conditions and may be increased, decreased or eliminated by the Engineer)			
120-6-100	34.0	C.Y.	Backfill Abutments			
125-1	52.0	C.Y.	EXCAVATION FOR STRUCTURE (INCLUDING MATERIAL AND COMPACTION FOR FOUNDATION)			

CSCCRP_PROJECT_BID_ITEMS

12/23/2024 09:38 AM

Bidder must fill-in completely the next page for the bid to be valid.

Page 1 of 6

Bid Form

PROJECT TITLE: SNOWDEN PEDESTRIAN BRIDGE No. 879043

PROJECT NO: 20240235

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN TWO HUNDRED FORTY (240) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE "NOTICE TO PROCEED WITH CONTRACT WORK".

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
160-4B	620.0	S.Y.	TYPE "B" STABILIZATION (12" Thick)			
285-701	523.0	S.Y.	BASE OPTIONAL (Base Group 01)			
285-704	280.0	S.Y.	BASE OPTIONAL (Base Group 04)			
334-1-11	66.2	TON	SUPERPAVE ASPHALTIC CONCRETE (Traffic A)			
339-1	0.3	TON	MISCELLANEOUS ASPHALT PAVEMENT			
370-1	24.0	L.F.	BRIDGE APPROACH EXPANSION JOINT FOR CONCRETE PAVEMENT			
400-2-10	18.0	C.Y.	CLASS II CONCRETE(APPROACH SLABS)			
400-4-5	20.0	C.Y.	CONCRETE CLASS IV (SUBSTRUCTURE)			
415-1-5	3,700.0	LB	REINFORCING STEEL (Substructure)			
415-1-9	3,800.0	LB	REINFORCING STEEL(APPROACH SLABS)			
425-1-610B	2.0	EA.	SWALE INLET TYPE P-10 - (Any inside dimension, Maximum depth of 15')			
443-70-3-2	100.0	L.F.	French Drain (18" diameter pipe, trench depth 10 ft bls)			

CSCCRP_PROJECT_BID_ITEMS

12/23/2024 09:38 AM

Bidder must fill-in completely the next page for the bid to be valid.

Page 2 of 6

Bid Form

PROJECT TITLE: SNOWDEN PEDESTRIAN BRIDGE No. 879043

PROJECT NO: 20240235

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN TWO HUNDRED FORTY (240) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
455-34-3	200.0	L.F.	PRESTRESSED CONCRETE PILING (18" sq.)			
458-1-12	25.5	L.F.	Bridge Deck Expansion Joint, New Cnstruction, F&I Strip Seal			
460-7	1.0	L.S.	PREFABRICATED STEEL PEDESTRIAN BRIDGE			
515-2-303	110.0	L.F.	PEDESTRIAN/BICYCLE RAILING (Aluminum Only)(Special)			
515-5	202.0	L.F.	Railing, Bridge Mounted			
520-2-10A	20.0	L.F.	CONCRETE HEADER			
526-1-1A	27.0	S.Y.	PAVERS, ARCHITECTURAL (Roadway)			
536-1	70.0	L.F.	GUARDRAIL (Roadway) (Includes the cost of shop panels)			
536-8-13	1.0	EA.	Approach Transition Connection to Rigid Barrier, Furnish and Install, TL-3			
536-73	70.0	L.F.	GUARDRAIL REMOVAL (Includes delivery and unloading at M-DPW 58th street yard)			
536-85-20	1.0	EA	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE			
570-1-2	1,201.0	S.Y.	PERFORMCE TURF (Sodding)			

CSCCRP_PROJECT_BID_ITEMS

12/23/2024 09:38 AM

Bidder must fill-in completely the next page for the bid to be valid.

Page 3 of 6

Bid Form

PROJECT TITLE: SNOWDEN PEDESTRIAN BRIDGE No. 879043

PROJECT NO: 20240235

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN TWO HUNDRED FORTY (240) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE "NOTICE TO PROCEED WITH CONTRACT WORK".

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
580-322-2A	1.0	EA.	TREE REMOVAL AND DISPOSAL (6" to 12" Dia.)			
580-322-4A	1.0	EA	TREE REMOVAL AND DISPOSAL (12" TO 24")			
630-2-12	275.0	L.F.	CONDUIT, Furnish & Install, Directional Bore			
635-2-11	5.0	EA.	PULL & SPLICE BOX, Furnish & Install, 13" x 24" COVER SIZE			
700-1-50	4.0	AS.	Single Post Sign, Relocate			
700-1-60	2.0	AS.	SINGLE POST SIGN, REMOVE			
711-11-125	10.0	L.F.	THERMOPLASTIC (White) (Solid) (24")			
711-11-251	340.0	L.F.	THERMOPLASTIC (Yellow) (Dotted/Guideline) (6")			
711-16-101A	870.0	L.F.	THERMOPLASTIC, Standard, Other Surfaces, White, Solid, 6"			
711-16-201A	150.0	L.F.	THERMOPLASTIC, Standard-other Surfaces, Yellow, Solid, 6"			
715-1-11	500.0	L.F.	LIGHTING- CONDUCTORS (Furnish & Install) (No. 10 or smaller)			
715-1-12	1,200.0	L.F.	LIGHTING - CONDUCTORS (F & I) (No. 8 to No. 6)			

CSCCRP_PROJECT_BID_ITEMS

12/23/2024 09:38 AM

Bidder must fill-in completely the next page for the bid to be valid.

Page 4 of 6

Bid Form

PROJECT TITLE: SNOWDEN PEDESTRIAN BRIDGE No. 879043

PROJECT NO: 20240235

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN TWO HUNDRED FORTY (240) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE "NOTICE TO PROCEED WITH CONTRACT WORK".

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
715-1-13	150.0	L.F.	LIGHTING - CONDUCTORS (F&I) (No. 4 to No. 2)			
715-7-11G	1.0	EA.	Load Center, F&I, Secondary Voltage			
715-11-125B	26.0	EA	Luminaire for Rail (F&I) (Special)			

Total: _____

The bidder understands and agrees that the above total is inclusive of all work necessary to complete the job as described in the plans and specifications.

Quantities are established and are included only for the purpose of facilitating the uniform comparison of bids submitted. The County shall not be held responsible if the quantities are not accurate and all computations for compensation shall be based upon the actual work performed, whether greater or less than estimated quantities.

Tax Identification Number: _____

D.C. Certificate of competency No: _____

Bidder's Name: _____

Bidder's telephone Number: _____

Bidder's address: _____

Bid Form

PROJECT TITLE: SNOWDEN PEDESTRIAN BRIDGE No. 879043

PROJECT NO: 20240235

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN TWO HUNDRED FORTY (240) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

BIDDER ACKNOWLEDGES THAT INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL AND IN THE TOTAL BID PRICE ARE COSTS FOR COMPLYING WITH THE FLORIDA TRENCH SAFETY ACT (90-96), LAWS OF FLA. EFFECTIVE OCTOBER 1st, 1990. THE BIDDER FURTHER IDENTIFIES THE COSTS TO BE SUMMARIZED BELOW:

	Trench Safety Measure (Description)	Units of Measure (LF, SY)	Unit (Quantity)	Unit Cost	Extended Cost
A.					
B.					
C.					
D.					

FAILURE TO COMPLETE THE ABOVE MAY RESULT IN THE BID BEING DECLARED NON-RESPONSIVE

ATTACHMENT 5A

Department of
Transportation and Public
Works
Capital Improvements Division
111 NW 1st Street, Suite 1410
Miami, FL 33128, 33128



MIAMI-DADE COUNTY, FLORIDA
REQUEST FOR PRICE QUOTATION (RPQ)
Contract No: MCC 7360 Plan
RPQ No: 20240235

RPQ BID FORM – ATTACHMENT 5A

RPQ Project Name: Snowden Pedestrian Bridge No. 879043

Price Proposal (Cost to Perform the work **must** be stated here. State 'No Bid' if not submitting a price proposal)

\$

Bidder's Company Name: _____

Company Address: _____

City: _____ **State:** _____ **Zip:** _____

Telephone No: _____ **Fax No:** _____ **E-Mail:** _____

THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF PROPOSER TO BE BOUND BY THE TERMS OF ITS PROPOSAL. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED BELOW BY AN AUTHORIZED REPRESENTATIVE SHALL RENDER THE PROPOSAL NON-RESPONSIVE. THE COUNTY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT ANY PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE PROPOSER TO THE TERMS OF ITS OFFER.

Name of Person Submitting Quote (Print): _____

Number of Addendums received: _____ (if none' write "None")

Signature: _____ **Date:** _____

Note: Quotes must be submitted on this form. Quote envelope must state RPQ Number, date and time due and the Bidder's Name. Use of any other form for submission of the price quotation shall result in the rejection of the price quotation. Late bids will not be opened. *Low bidder will be notified, in the Recommendation of Award, of the requirements to submit current copies of insurance certificates in accordance with the Contract Documents. By signature, the CONTRACTOR agrees to be bound by the terms set forth in the MCC 7360 Plan.*

ACKNOWLEDGEMENT OF ADDENDA

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTPW)

Project Name: Snowden Pedestrian Bridge No. 879043
Project RPQ No.: 20240235

ACKNOWLEDGEMENT OF ADDENDA

(Must be completed and submitted with required solicitation documents)

Instructions: Complete Part I or Part II, as applicable.

PART I: Listed below are the dates of issue for each Addendum received in connection with this solicitation.

Addendum #1, Dated _____,	202____
Addendum #2, Dated _____,	202____
Addendum #3, Dated _____,	202____
Addendum #4, Dated _____,	202____
Addendum #5, Dated _____,	202____
Addendum #6, Dated _____,	202____
Addendum #7, Dated _____,	202____
Addendum #8, Dated _____,	202____
Addendum #9, Dated _____,	202____
Addendum #10, Dated _____,	202____

PART II:

____ No Addendum was received in connection with this solicitation.

Authorized Signature: _____ Date: _____

Print Name: _____ Title: _____

Firm Name: _____

SURETY BID BOND FORM

SURETY BID BOND		DATE BOND EXECUTED (must not be later than bid opening date)		REV. 0216 DTPW	
PRINCIPAL (Full legal name and business address)				TYPE OF ORGANIZATION ("X" one)	
				<input type="checkbox"/> Individual	<input type="checkbox"/> Partnership
				<input type="checkbox"/> Joint Venture	<input type="checkbox"/> Corporation
SURETY (Name and business address)					

PENAL SUM OF BOND	*****Five Percent of the Total amount Bid*****				
BID IDENTIFICATION	Project No:	20240235	Bid Opening Date:		
	County Project Name	Snowden Pedestrian Bridge No. 879043			

OBLIGATION

Principal and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Miami-Dade County, Florida (herein after County) upon default of Principal the penal sum set forth on the face of this Bond.

Principal and Surety agree that the Penal Sum of the Bond is a liquidated damage reasonably estimated to compensate the County for damages suffered as a result of the Principal's default including but not limited to any resulting from delay, repurchase costs and incremental costs of contracting.

Default of Principal shall occur in the event that the Principal withdraws Bid within 180 days after bid opening (or any extension thereof agreed to in writing by the Bidder and County); or, after proper notification of intent to Contract from the County, fails to comply with all pre-award requirements including, but not limited to providing Payment and Performance Bonds with good and sufficient surety and the necessary Insurance Certificates pursuant to the Contract Documents, and enter into a written Contract with the County, as may be required; all within 10 days after the prescribed forms are presented to Principal for signature or as otherwise required by the Bidding Documents.

Payment under this Bond will be due and payable upon default of Principal and within 30 calendar days after receipt by Principal and Surety of written notice of default from County, which notice will be given with reasonable promptness, identifying this Bond and the Project.

Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.

CONDITIONS

The Principal has submitted the Bid identified above.

THEREFORE

By executing this instrument Surety agrees that its obligation is not impaired by any extension(s) of the time for acceptance of the bid that the Principal may grant to the County. Notice to the Surety of extensions is waived. However, waiver of the notice applies only to extensions aggregating not more than 60 calendar days in addition to the period originally allowed for acceptance of the bid. Any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect Surety's obligation under this Bond.

WITNESS

The Principal and Surety executed this Bond and affixed their seals on the above date. Copy of Authorized Agent's current Identification Card as issued by State of Florida Insurance Commissioner must be attached.

PRINCIPAL		
SIGNATURE		Principal's Corporate Seal
NAME AND TITLE (Typed)		
SURETY		
SIGNATURE OF ATTORNEY-IN-FACT		Surety's Corporate Seal
PRINTED NAME OF ATTORNEY-IN-FACT (Typed)		
SIGNATURE OF AUTHORIZED FLORIDA AGENT		
PRINTED NAME OF AUTHORIZED FLORIDA AGENT (Typed)		

CERTIFICATE OF ASSURANCE



OFFICE OF SMALL BUSINESS DEVELOPMENT
CERTIFICATE OF ASSURANCE(COA)
SMALL BUSINESS PARTICIPATION ON COUNTY PROJECTS

This completed form must be submitted with bid documents by all bidders/proposers on a Miami-Dade County project with Small Business Enterprise ("SBE") program measure(s).

Project No.: 20240235 Project Title: Snowden Pedestrian Bridge No. 879043

Bidder/Proposer: _____ FEIN: _____

Address: _____ City _____ State _____ ZIP _____

Phone Number: _____ Email address: _____

The bidder/proposer is committed to meeting the established measure(s) assigned to this project: _____ % SBE-A/E, _____ % SBE-Cons, N Trade Set-aside SBE-Cons, _____ % SBE-G, and/or 1.00% SBE-S.
(For Goals, write in the percentage. For Set-aside, put Y or N.)

Print Prime Bidder's Name & Title

Prime Bidder's Signature

Date

To satisfy the requirements for **Step 1 - Bid Submittal and Compliance with Small Business Enterprise Program(s)**, the following are required:

1. Acknowledgement of the SBE-Architecture & Engineering, SBE-Construction, SBE-Good and/or SBE-Service (non-construction, architecture or engineering) measure(s) established for this project via this Certificate of Assurance.
2. Agree to engage in the solicitation of approved Miami-Dade County Small Business Enterprise firm(s) to achieve the established measure(s) as indicated in the Project Documents (specifications).
3. Agree to select and submit the names of the certified SBEs to satisfy the measures via Miami-Dade County's Business Management Workforce System ("BMWS") within the specified timeframe, upon email notification from the Office of Small Business Development or BMWS.

To satisfy the requirements for **Step 2 – Bid Evaluation and Recommendation for Award**, please attest that:

I understand that my company will be deemed non-compliant and not eligible for award if I fail to (1) submit this form with my bid/proposal documents and/or (2) submit my company's Utilization Plan which shall list all certified Miami-Dade County Small Business Enterprise firms whom will be subcontracted with to satisfy the project's established SBE measure(s) via BMWS, within the specified timeframe, upon email notification from SBD or BMWS. Each SBE subcontractor, subconsultant, and/or sub-vendor will also be required to confirm its contractual relationship via BMWS, within the specified timeframe, for final approval by SBD.

STATE OF FLORIDA

COUNTY OF MIAMI-DADE

BEFORE ME, an officer duly authorized to administer oaths and take acknowledgement, personally appeared _____, who being first sworn deposes and affirms that the provided information statements are true and correct to the best of his/her knowledge information and belief.

Signature of Owner

SWORN TO and subscribed before me this day _____ of _____, 20 _____

Signature of Notary Public-State of Florida

My Commission Expires:

NON-COLLUSION AFFIDAVIT



NON-COLLUSION AFFIDAVIT

(In accordance with [Sections 2-8.1.1](#) and [10-33.02.1](#) of the Code of Miami-Dade County)

I, the undersigned, am over 18 years of age, have personal knowledge of the facts stated in the Non-Collusion Affidavit (*this Affidavit*) and I am an owner, officer, director, principal shareholder and/or otherwise authorized to bind the Bidder/Proposer of this solicitation.

- A. I have reviewed the list of respondents attached to this Affidavit. I state that the Bidder/Proposer of this competitive solicitation (check one):

☐ is **not related** to any of the other respondents submitting a Bid/Proposal in the competitive solicitation.

☐ is **related** to the following respondents who submitted a Bid/Proposal in the competitive solicitation, which are identified and listed below:

- B. I state that the Bidder/Proposer of this competitive solicitation:

1. has prepared this Bid/Proposal independently without consultation, communication, agreement or arrangement with any other Bidder/Proposer or competitor for the purpose of restricting competition;
2. has submitted the Bid/Proposal in its own behalf, and not in the interest or on behalf of any person not therein named;
3. has not, directly or indirectly, induced or solicited any other Bidder/Proposer to put in a sham proposal, or any other person, firm, or corporation to refrain from proposing;
4. has not in any manner sought by collusion to secure an advantage over any other Bidder/Proposer.

Note: Any person or entity that fails to submit this executed Affidavit shall be ineligible for contract award. In accordance with Section 2-8.1.1 of the Code of Miami-Dade County, where two or more related parties, as defined herein, each submit a Bid for any contract, such Bids shall be presumed to be collusive. The foregoing presumption may be rebutted by the presentation of evidence as to the extent of ownership, control and management of such related parties in preparation and submittal of such Bids. **Related parties** shall mean the Bidder/Proposer; the principals, corporate officers, and managers of a Bidder/Proposer; or the spouse, domestic partner, parents, stepparents, siblings, children or stepchildren of a Bidder/Proposer or the principals, corporate officers and managers thereof which have a direct or indirect ownership interest in another Bidder/Proposer for the same contract or in which a parent company or the principals thereof of one Bidder/Proposer have a direct or indirect ownership interest in another Bidder/Proposer for the same contract. Bid/Proposal found to be collusive shall be rejected. Bidder/Proposer who has been found to have engaged in collusion may be considered non-responsible, and may be suspended or debarred, and any contract resulting from collusive bidding may be terminated for default.

Written Declaration: Pursuant to §92.525, Florida Statutes, under penalties of perjury, I declare that I have read the foregoing Affidavit and that the facts stated in it are true, accurate, and complete.

Solicitation No.: _____ Solicitation Title: _____

By: _____
Signature of Affiant

Date: _____ 20 ____

Printed Name of Affiant and Title

____/____/____-____/____/____/____/____
Federal Employer Identification Number

Printed Name of Bidder/Proposer

Address of Bidder/Proposer

AFFIRMATION OF VENDOR AFFIDAVITS



New Vendor Registration and Bid/Proposal Contract Language

1.1. DEFINITIONS FOR VENDOR REGISTRATION

Bid – shall refer to any offer(s) submitted in response to this solicitation.

Bidder – shall refer to anyone submitting a Bid in response to this solicitation.

Bid Solicitation – shall mean this solicitation documentation, including any and all addenda.

Bid Submittal Form – defines the requirement of items to be purchased, and must be completed and submitted with Bid. The Bidder should indicate its name in the appropriate space on each page.

County – shall refer to Miami-Dade County, Florida

DPM – shall refer to Miami-Dade County's Department of Procurement Management.

Enrolled Vendor – shall refer to a firm that has completed the necessary documentation in order to receive Bid notifications from the County.

Registered Vendor – shall refer to a firm that has completed the Miami-Dade County Business Entity Registration Application and has satisfied all requirements to enter into business agreements with the County.

The Vendor Registration Package – shall refer to the Business Entity Registration Application.

For additional information about on-line vendor enrollment or vendor registration contact the Vendor Assistance Unit at 111 N.W. 1st Street, 13th Floor, Miami, FL 33128, Phone 305-375-5773. Vendors can enroll online and obtain forms to register by visiting our web site at www.miamidade.gov/dpm

1.2. INSTRUCTIONS TO BIDDERS

A. Bidder Qualification

It is the policy of the County to encourage full and open competition among all available qualified vendors. All vendors regularly engaged in the type of work specified in the Bid Solicitation are encouraged to submit Bids. Vendors may enroll with the County to be included on a notification list for selected categories of goods and services. To be eligible for award of a contract (including small purchase orders), Bidders must become a Registered Vendor. Only Registered Vendors can be awarded County contracts. Vendors are required to register with the County by contacting the Vendor Assistance Unit. The County endeavors to obtain the participation of all qualified small business enterprises. For information and to apply for certification, contact the Department of Small Business Development at 111 N.W. 1st Street, 19th Floor, Miami, FL 33128-1900, or telephone at 305-375-3111. County employees and board members wishing to do business with the County are referred to Section 2-11.1 of the Miami-Dade County Code relating to Conflict of Interest and Code of Ethics.

B. Vendor Registration

To be recommended for award the County requires that vendors complete a Miami-Dade County Vendor Registration Package. Effective June 1, 2008, a new Vendor Registration Package, including a Uniform Affidavit Packet (Affidavit form), must be completed by vendors and returned to the Department of Procurement Management (DPM), Vendor Assistance Unit, within fourteen (14) days of notification of the intent to recommend for award. In the event the Vendor Registration Package is not properly completed and returned within the specified time, the County may in its sole discretion, award to the next lowest responsive, responsible Bidder. The Bidder is responsible for obtaining the Vendor Registration Package, including all affidavits by downloading from the DPM website at www.miamidade.gov or from the Vendor Assistance Unit at 111 N.W. 1st Street, 13th Floor, Miami, FL 33128.

Bidders are required to affirm that all information submitted with the Vendor Registration Package is current, complete and accurate, at the time they submit a response to a Bid Solicitation, by completing the provided Affirmation of Vendor Affidavit form.

In becoming a Registered Vendor with Miami-Dade County, the vendor confirms its knowledge of and commitment to comply with the following:

1. **Miami-Dade County Ownership Disclosure Affidavit**
(Sec. 2-8.1 of the County Code)
2. **Miami-Dade County Employment Disclosure Affidavit**
(County Ordinance No. 90-133, amending Section 2-8.1(d)(2) of the County Code)
3. **Miami-Dade County Employment Drug-free Workplace Certification**
(Section 2-8.1.2(b) of the County Code)
4. **Miami-Dade Disability and Nondiscrimination Affidavit**
(Article 1, Section 2-8.1.5 Resolution R182-00 Amending R-385-95)
5. **Miami-Dade County Debarment Disclosure Affidavit**
(Section 10.38 of the County Code)
6. **Miami-Dade County Vendor Obligation to County Affidavit**
(Section 2-8.1 of the County Code)
7. **Miami-Dade County Code of Business Ethics Affidavit**
(Article 1, Section 2-8.1(i) and 2-11(b)(1) of the County Code through (6) and (9) of the County Code and County Ordinance No 00-1 amending Section 2-11.1(c) of the County Code)
8. **Miami-Dade County Family Leave Affidavit**
(Article V of Chapter 11 of the County Code)

9. **Miami-Dade County Living Wage Affidavit**
(Section 2-8.9 of the County Code)

10. **Miami-Dade County Domestic Leave and Reporting Affidavit**
(Article 8, Section 11A-60 11A-67 of the County Code)

11. **Subcontracting Practices**
(Ordinance 97-35)

12. **Subcontractor /Supplier Listing**
(Ordinance 97-104)

13. **Environmentally Acceptable Packaging**
Resolution (R-738-92)

14. **W-9 and 8109 Forms**
The vendor must furnish these forms as required by the Internal Revenue Service.

15. **Social Security Number**
In order to establish a file for your firm, you must provide your firm's Federal Employer Identification Number (FEIN). If no FEIN exists, the Social Security Number of the owner or individual must be provided. This number becomes your "County Vendor Number". To comply with Section 119.071(5) of the Florida Statutes relating to the collection of an individual's Social Security Number, be aware that DPM requests the Social Security Number for the following purposes:

- Identification of individual account records
- To make payments to individual/vendor for goods and services provided to Miami-Dade County
- Tax reporting purposes
- To provide a unique identifier in the vendor database that may be used for searching and sorting departmental records

16. **Office of the Inspector General**
Pursuant to Section 2-1076 of the County Code.

17. **Small Business Enterprises**
The County endeavors to obtain the participation of all small business enterprises pursuant to Sections 2-8.2, 2-8.2.3 and 2-8.2.4 of the County Code and Title 49 of the Code of Federal Regulations.

18. **Antitrust Laws**
By acceptance of any contract, the vendor agrees to comply with all antitrust laws of the United States and the State of Florida.

C. PUBLIC ENTITY CRIMES

To be eligible for award of a contract, firms wishing to do business with the County must comply with the following:

Pursuant to Section 287.133(2)(a) of the Florida Statutes, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid on a contract to provide any goods or services to a public entity, may not submit a Bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit Bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 of the Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.



Contract No. : _____ Federal Employer Identification Number (FEIN): _____

Contract Title: _____

1.	Miami-Dade County Ownership Disclosure Sec. 2-8.1 of the County Code	6.	Miami-Dade County Vendor Obligation to County Section 2-8.1 of the County Code
2.	Miami-Dade County Employment Disclosure County Ordinance No. 90-133, amending Section 2-8-1(d)(2) of the County Code	7.	Miami-Dade County Code of Business Ethics Article 1, Section 2-8.1(i) and 2-11(b)(1) of the County Code through (6) and (9) of the County Code and County Ordinance No 00-1 amending Section 2-11.1(c) of the County Code
3.	Miami-Dade County Employment Drug-free Workplace Certification Section 2-8.1.2(b) f the County Code	8.	Miami-Dade County Family Leave Article V of Chapter 11, Resolution No. R-183-00 amending Resolution No. R – 1499-91 of the County Code
4.	Miami-Dade County Disability Non-Discrimination Article 1, Section 2-8.1.5 Resolution R182-00 amending R-385-95	9.	Miami-Dade County Living Wage Section 2-8.9 of the County Code
5.	Miami-Dade County Debarment Disclosure Section 10.38 of the County Code	10.	Miami-Dade County Domestic Leave and Reporting Article 8, Section 11A-60 11A-67 of the County Code

5/09/2008

CONTRACTOR DUE DILIGENCE AFFIDAVIT

Miami-Dade County

Contractor Due Diligence Affidavit

Per Miami-Dade County Board of County Commissioners (Board) Resolution No. R-63-14, County Vendors and Contractors shall disclose the following as a condition of award for any contract that exceeds one million dollars (\$1,000,000) or that otherwise must be presented to the Board for approval:

- (1) Provide a list of all lawsuits in the five (5) years prior to bid or proposal submittal that have been filed against the firm, its directors, partners, principals and/or board members based on a breach of contract by the firm; include the case name, number and disposition;
- (2) Provide a list of any instances in the five (5) years prior to bid or proposal submittal where the firm has defaulted; include a brief description of the circumstances;
- (3) Provide a list of any instances in the five (5) years prior to bid or proposal submittal where the firm has been debarred or received a formal notice of non-compliance or non-performance, such as a notice to cure or a suspension from participating or bidding for contracts, whether related to Miami-Dade County or not.

All of the above information shall be attached to the executed affidavit and submitted to the Procurement Contracting Officer (PCO)/ AE Selection Coordinator overseeing this solicitation. The Vendor/Contractor attests to providing all of the above information, if applicable, to the PCO.

Contract No. : _____ Federal Employer
Identification Number (FEIN): _____

Contract Title: _____

Printed Name of Affiant

Printed Title of Affiant

Signature of Affiant

Name of Firm

Date

Address of Firm

State

Zip Code

Notary Public Information

Notary Public - State of _____ County of _____

Subscribed and sworn to (or affirmed) before me this _____ day of, _____ 20

by _____ He or she is personally known to me ☐ or has produced identification

Type of identification produced _____

Signature of Notary Public

Serial Number

Print or Stamp of Notary Public

Expiration Date

Notary Public Seal

SECTION 3: INSTRUCTIONS TO BIDDERS

SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

TABLE OF CONTENTS

1. SUPPLEMENTAL BIDDING REQUIREMENTS

1.01	BID FORMS.....	1
1.02	BID SECURITY	2
1.03	CERTIFICATION PURSUANT TO ACT RELATING TO SCRUTINIZED COMPANIES	2
1.04	SMALL BUSINESS ENTERPRISE-GOOD & SERVICES PROGRAM.....	2
1.05	DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM.....	4
1.06	SITE INVESTIGATION.....	4
1.07	CONTRACTOR QUALIFICATION REQUIREMENTS	4
1.08	AWARD OF CONTRACT	5
1.09	PAYMENT AND PERFORMANCE BONDS	6
1.10	ADDITIONAL INSURANCE TO BE CARRIED BY CONTRACTOR	8

1. SUPPLEMENTAL BIDDING REQUIREMENTS

1.01 BID FORMS

A. Estimated Quantities.

1. The Bid Form contains estimated quantities that are provided for bidding purposes only. The actual quantities required to construct the Work may vary from those shown. The County reserves the right to increase, or decrease the quantities, or to delete any of the items for which there is no need throughout the length of the Contract.
2. Bid Items which are estimated with a unit quantity of one are anticipated to be use in minimal quantities, if any, as approved by the Engineer. Any Contract provisions pertaining to adjustments in item prices shall not apply. Therefore, no adjustment shall be made to the unit prices awarded as a result of changes to the estimated quantities provided in the Bid Form. Final quantities shall be as approved by the Engineer.

B. Preparation of Proposal.

1. All blank spaces on the Bid Form for bid prices must be filled in ink, in both words and figures. In the event of any discrepancy in the entries for the price of any item, the unit price as shown in words shall govern unless both the extension and the unit prices shown in figures are in agreement with each other, in which case they shall govern over the unit price shown in words.
2. If the Bid is made by an individual, a sole proprietorship or an individual operating under a trade name, the name and post office address of the individual or owner must be shown in each instance. If made by a partnership, the Bid must be signed by one of the partners, and the names and addresses of the partners must be listed. If made by a corporation, the Bid must be signed by an authorized officer or agent of the corporation, the corporation must be clearly identified, and the corporate seal must be affixed. In addition, a Bid made by a corporation must also list the name of the state wherein the corporation was chartered and the business address of the corporation.
3. Bids must be submitted only on the hardcopy Bid form provided with these Contract Documents unless a revised Bid Form is provided by the County via Addendum, in which case the latest Bid Form provided by Addendum shall be used.
4. All required forms must be completed and submitted and, all blanks must be filled in.

C. Rejection of Irregular Proposals.

1. Bids will be considered irregular, and may be rejected, if they show omissions, alterations of form, additions not called for, conditions or unauthorized alternate bids, or irregularities of any kind; or if the unit prices are obviously unbalanced either in excess of or below a reasonable cost analysis value.

D. Pay Items.

1. Any work not specifically mentioned in the pay items listed in the Proposal, but indicated on the plans and/or specifications, shall be considered as incidental to one or more of the pay items, and no claim for additional compensation will be allowed, and it shall be assumed that the cost therefore is included in the prices for the various items in the Contract.

1.02 BID SECURITY

- A. Simultaneously with the delivery of the Bid to the County, on or before the bid due date, the Bidder must deliver to the County a bid security in the form of a Bid Bond on the form provided in the Bidding Documents or in Cash, in the form of a Certified Check, Cashier's Check or Irrevocable Letter of Credit made payable to the Department, for an amount equal to no less than five percent of the Total amount Bid. Failure to furnish a bid security in the proper form and amount, with the delivery of the Bid to the County, shall result in the Bid being declared "non-responsive."
- B. A Bid Bond shall have as the surety thereon only such surety company or companies that are acceptable to the County and are authorized to write bonds of such character and amount in accordance with the qualifications established for Payment and Performance Bonds.
- C. The bid security submitted with the Bid becomes payable to the County upon default of the Bidder. Default of Bidder shall occur in the event that the Bidder withdraws Bid within 180 days after bid opening (or any extension thereof agreed to in writing by the Bidder and County); or, after proper notification of intent to Contract from the County, fails to comply with all pre-award requirements including, but not limited to providing Payment and Performance Bonds with good and sufficient surety and the necessary Insurance Certificates pursuant to the Contract Documents, and enter into a written Contract with the County, as may be required; all within 10 days after the prescribed forms are presented to Principal for signature or as otherwise required by these Bidding Documents.

1.03 CERTIFICATION PURSUANT TO ACT RELATING TO SCRUTINIZED COMPANIES

- A. This section shall apply only to the extent permitted under applicable regulations of the United States Department of State and the United States Department of Treasury.
- B. By submitting a bid executed through a duly authorized representative, the bidder certifies that the bidder is not on the Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, Scrutinized Companies that boycott Israel List or engaged in a boycott of Israel as those terms are used and defined in sections 287.135 and 215.473 of the Florida Statutes. In the event that the bidder is unable to provide such certification but still seeks to be considered for award of this solicitation, the bidder shall, on a separate piece of paper, clearly state that it is on one or both of the Scrutinized Companies lists and shall furnish together with its bid a duly executed written explanation of the facts supporting any exception to the requirement for certification that it claims under Section 287.135 of the Florida Statutes. The bidder agrees to cooperate fully with the County in any investigation undertaken by the County to determine whether the claimed exception would be applicable. The County shall have the right to terminate any contract resulting from this solicitation for default if the bidder is found to have submitted a false certification or to have been placed on the Scrutinized Companies for Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, Scrutinized Companies that boycott Israel List or engaged in a boycott of Israel.

1.04 SMALL BUSINESS ENTERPRISE-GOOD & SERVICES PROGRAM

- A. Miami-Dade County web-based Business Management Workforce System (BMWS)
 - 1. Bidders must register under Miami-Dade County web-based Business Management Workforce System (BMWS). BMWS is managed by the Small Business Development (SBD) Division of the Internal Services Department. BMWS is utilized to apply online for Small Business Enterprise (SBE) certification, manage County contracts, and track compliance with SBE Program measures, Workforce Program requirements, and subcontractor payments.

2. The use of this web-based system is mandatory for firms contracting with Miami-Dade County for the submission and verification of payment information and certified payrolls. Training for BMWS can be offered at the following web address: <https://mdcsbd.gob2g.com/>
3. BMWS is accessible, at no charge, to all vendors doing – or interested in doing – business with Miami-Dade County. Key features include:
 - a. Online application for Small Business Enterprise (SBE), Disadvantaged Business Enterprise (DBE) and Local Developing Business (LDB) certification
 - b. Online registration for the Equitable Distribution Program (EDP)
 - c. Enhanced online SBE, DBE, and LDB Directory, with key-word search capabilities.
 - d. Electronic submission of subcontractors for fulfillment of SBE requirements
 - e. Electronic submission of contractors' utilization payments and verification of SBE payments via the web or a mobile device
 - f. Automated tracking of progress towards meeting SBE goals
 - g. Electronic submission of certified payrolls
 - h. Electronic submission of workforce compliance data
 - i. Automated notifications regarding compliance requirements
 - j. Elimination of/ or limited paper-based reporting

B. SBE-G&S Make-up Plan

1. A contractor that failed to meet an established Small Business Enterprise-Good & Services (SBE-G&S) goal on any contract must submit an SBE-G&S Make-up Plan for approval by the Miami-Dade County Internal Services Department, Small Business Division (SBD).
2. The SBE-G&S Make-up Plan along with a corresponding Certificate of Assurance (COA), located under Section 2 of these Solicitation and Contract Documents must be included with the Bid submittal at the time of bid. The corresponding COA must identify all SBE-G&S firms to be utilized to meet the first-tier subcontractor goal and the trade designation of work that each firm will perform in satisfaction of a make-up, in addition to any other goals that may be applicable.
3. The Department will forward the Make-up Plan and COA(s) to SBD for compliance review. Bidders who fail to submit the SBE-G&S Make-up Plan and corresponding COA by the Bid due date and time will be considered "non-compliant."
4. Before the award, bidder must submit via County's web-based system Business Management Workforce System (BMWS) its commitment, that if awarded, the contractor, will fulfill all or a portion of any pending Small Business Enterprise Good & Services makeup requirements and identify the certified CSBE firm(s) to be utilized to fulfill the make-up requirements that is excess of any SBE goal(s) required on the project and the percentage dollar value and description of the work that needs to be made up within the time frame specified by SBD.

C. Small Business Enterprise-G&S Program Measures

1. In accordance with Miami-Dade County Ordinance No.'s 97-52, 14-98, and 97-158; A.O. 3-22, SBD recommends the following goal: a **SBE – Services subcontractor goal of 1.0%.**

1.05 DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM

- A. This Article does not apply for this Project.

1.06 SITE INVESTIGATION

- A. Examine the Contract Documents and the site of the proposed work, when applicable, carefully before submitting a proposal for the work contemplated. Investigate the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished and as to the requirements of all Contract Documents.
- B. The Department does not guarantee the details pertaining to borings, as shown on the plans, to be more than a general indication of the materials likely to be found adjacent to holes bored at the site of the work, approximately at the locations indicated. The Contractor shall examine boring data, where available, and make his own interpretation of the subsoil investigations and other preliminary data and shall base his bid on his own opinion of the conditions likely to be encountered.
- C. The bidder's submission of a proposal is sufficient evidence that the bidder has made an examination as described in this Article. Therefore:
 1. The bidder, by virtue of submitting their bid, acknowledges that they and all their subcontractors have satisfied themselves as to the nature and location of the Work or requirements of similar Work to be performed within Miami-Dade County Public Right-of-Ways. The general and local conditions include but are not restricted to those bearing upon transportation and traffic maintenance; the disposal, handling and storage of materials; access roads to the site; site constraints, restrictions and limitations; the conformation and conditions of the work area; and the character of equipment and facilities needed prior to and during the performance of the Work.
 2. Failure on the part of the bidder to completely or properly evaluate any factors of costs prior to bidding shall not form a basis for additional compensation if awarded the Contract.

1.07 CONTRACTOR QUALIFICATION REQUIREMENTS

- A. Certification Requirements:

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active:

- 1) Certificate of Competency from the County's Construction Trades Qualifying Board as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Project's Scope of Work, in one or more engineering crafts to include Structural Engineering. The Specialty Contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified; or

- 2) Certification as State of Florida General Contractor provided by the State of Florida Contractors' Licensing Board, pursuant to the provisions of Section 489.511 of the Florida Statutes (F.S.)

B. Experience Requirement:

- 1) The Bidder must demonstrate that it has full-time personnel with the necessary experience to perform the Project's Scope of Work. This experience shall include work in successfully completed projects performed by the identified personnel whose bulk of work performed in the Public Right-of-Way is similar in detail to the Project's Scope of Work described in these Solicitation Documents. Demonstrate the experience requirement by:
 - a. Providing a detailed description of at least three (3) projects similar in detail to the Project's Scope of Work described in these Solicitation Documents and in which the Bidder's identified personnel is currently engaged or has completed within the past five years. List and describe the aforementioned projects and state whether the work was performed for the County, other government clients, or private entities. The description must identify for each project:
 - 1) The identified personnel and their assigned role and responsibilities for the listed project.
 - 2) The client's name and address including a contact person and phone number for reference.
 - 3) Description of work.
 - 4) Total dollar value of the contract.
 - 5) Contract duration.
 - 6) Statement or notation of whether Bidder's referenced personnel is/was employed by the prime contractor or subcontractor, and
 - 7) For completed projects, provide letters of certification of final acceptance or similar project closure documentation issued by the client and available Contractor's performance evaluations.
- 2) The County reserves the right to request additional information and/or contact listed persons pertaining to bidder's experience.

1.08 AWARD OF CONTRACT

- A. The award of the Contract, if it be made in the County's sole discretion, shall be to the lowest responsive and responsible bidder whose bid complies with all of the material terms of this solicitation and is determined to be in the best interest of the County.
- B. A fully executed Notice to Proceed (NTP) Letter constitutes a contract with Miami-Dade County. The County may issue to the Contractor a NTP Letter only when, in the discretion of Miami-Dade County, all conditions for award have been satisfied including, but not limited to, compliance with all of the requirements set forth in the Recommendation for Award letter and the expiration of any applicable protest period. The Contractor must provide the County with the completed and fully executed NTP Letter prior to the date stated in the letter for commencement of the Work. The award is final only upon the County's receipt of a fully executed NTP Letter from the Contractor.
- C. Without limiting the generality of the foregoing, the County may determine that it is in the County's best interest to award the Contract to the next low bidder when the low bidder's existing contractual commitments with the County, in the sole discretion of the County (a) could prevent the timely prosecution of the work requiring competing commitments of site, supervisory or home office

personnel, or (b) could present potential conflicts with billing of similar items under existing contracts for similar or related work, or (c) could disfavor competition in the contracting industry in pricing or in the use of personnel or subcontractors.

- D. By submitting a bid, the bidder acknowledges that the County shall have the right to investigate the existence of these factors in determining whether to award the bid, and to evaluate, without limitation, the bidder's outstanding commitments on other awarded contracts, its resources to perform the Work under the Contract, and its past performance.
- E. The County reserves the right to waive any informality in, or to reject any or all bids. Bids from any person, firm or corporation in default upon any agreement with the County will be rejected.
- F. The Bidders should be qualified by experience, financing, and equipment to do the work described in the Contract Documents. The County may require from the apparent lowest responsive and responsible Bidder, as a condition for Award, a list of the major construction equipment that is available to perform all the work required by the Contract. The list shall include all equipment required and available including quantity; condition; make and model; whether owned or leased; and their present location. Actual proof of ownership (bills of sale or certified proof of a valid lease in the name of the firm submitting the Bid) of the equipment or the ability to secure the equipment prior to Contract Award is required. A visual inspection by the County of the equipment listed shall be facilitated within 10 days of submittal of the aforementioned list. Failure to meet the timeframes and conditions stipulated herein or in the Recommendation for Award may result in the disqualification of the Bidder.

1.09 PAYMENT AND PERFORMANCE BONDS

- A. The successful bidder shall submit, within the timeframe stipulated in the Recommendation for Award, duly executed Payment and Performance Bonds, meeting the requirements of Section 255.05, F.S., on the forms prescribed by the Department or in Cash, each in the amount of the total contract price (i.e. the accepted total amount bid plus any contingency and dedicated allowances attributable to the Contract), as security for the faithful performance of this Contract and for the payment of all persons performing labor or furnishing materials in connection therewith. If Cash is used in lieu of the bonds, all terms and conditions stipulated in the bonds shall be just as applicable.
- A. Per Resolution R-593-13, no payment and performance bond shall be required for a contract of \$200,000 or less.
- B. The Performance and Payment Bonds shall have as the surety thereon only such surety company or companies as are acceptable to the County and are authorized to write bonds of such character and amount in accordance with the following qualifications:
 - 1. All bonds shall be written through surety insurers authorized to do business in the State of Florida as surety, with the following qualifications as to management and financial strength according to the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey:

<u>Bond Amount (\$)</u>	<u>Best Rating</u>
500,001 to 1,500,000	B V
1,500,001 to 2,500,000	A VI
2,500,001 to 5,000,000	A VII
5,000,000 to 10,000,000	A VIII

Over 10,000,000

A IX

2. On contract amounts of \$500,000 or less, the bond provisions of Section 287.0935, F.S. shall be in effect and surety companies not otherwise qualifying with this paragraph may optionally qualify by:
 - a. Providing evidence that the Surety has twice the minimum surplus and capital required by the Florida Insurance Code at the time the invitation to bid is issued.
 - b. Certifying that the Surety is otherwise in compliance with the Florida Insurance Code, and;
 - c. Providing a copy of the currently valid Certificate of Authority issued by the United States Department of the Treasury under ss. 31 U.S.C. 9304-9308.
 3. Surety insurers shall be listed in the latest Circular 570 of the U.S. Department of the Treasury entitled "Surety Companies Acceptable on Federal Bonds", published annually. The bond amount shall not exceed the underwriting limitations as shown in this circular.
 4. For contracts in excess of \$500,000 the provision of Subarticle 2 above will be adhered to plus the company must have been listed for at least three consecutive years or holding a valid Certificate of Authority of at least 1.5 million dollars and on the Treasury List.
 5. Surety Bonds guaranteed through U.S. Government Small Business Administration or Contractors Training and Development Inc. will also be acceptable.
 6. The attorney-in-fact or other officer who signs performance and payment bonds for a surety company must file with such bond a certified copy of his power of attorney authorizing him to do so. The performance and payment bonds must be counter signed by the surety's resident Florida agent.
- C. The Payment and Performance Bonds must be executed on the forms provided by the Department after the recommendation of award has been made. Failure to do so shall result in the rescission of the contract award recommendation.
- D. Provide the County with three executed originals of the Payment and Performance Bonds and a letter from the bonding agent granting Miami-Dade County authorization to date the Bonds.
- E. The Performance Bond or Cash used in lieu of the Performance Bond shall remain in force for five (5) years from the date of final acceptance of the work to protect the County against losses resulting from defects in materials or improper performance of work under the Contract; provided however, that this limitation does not apply to suits seeking damages for latent defects in materials or workmanship, such actions being subject to the limitations found in Section 95.11(3)(c), Florida Statutes.
- F. The cost of the bond(s) shall be included in the Total Amount Bid. No separate payment for the cost of said bond(s) shall be made by the County.
- G. The required bond(s) shall be written by or through and countersigned by a licensed Florida agent of the surety insurer pursuant to Section 624.425, F.S.
- H. In the event the Surety on the bond(s) given by the Contractor becomes insolvent, or is placed in the hands of a receiver, or has its right to do business in its State of domicile or the State of Florida suspended or revoked as provided by law, or in the event of cancellation of the required hands by the Surety, the County shall withhold all payments until the Contractor shall give good and sufficient bond(s) in lieu of the bond(s) executed by such Surety.

1.10 ADDITIONAL INSURANCE TO BE CARRIED BY CONTRACTOR

Subparagraphs 2.9A through 2.9C and 2.9E through 2.9G of the Special Conditions to the CICC 7360-0/08 Contract are deleted and replaced with the following:

- A. Contractor shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the Contractor or its employees, agents, servants, partners principals or subcontractors. Contractor shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may issue thereon. Contractor expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by Contractor shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County or its officers, employees, agents and instrumentalities as herein provided.
- B. Contractor shall furnish to the **Department of Transportation and Public Works, 111 NW 1 Street, Miami Florida 33128**, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:
1. *Worker's Compensation Insurance as required by Florida Statute 440 or any applicable law.*
 2. *Commercial General Liability Insurance for \$1,000,000 each occurrence, \$2,000,000 aggregate. Products/completed operations. Miami-Dade County must be included as additional insured for any and all work.*
 3. *Automobile Liability Insurance covering all owned, non-owned and hired vehicles for \$1,000,000 combined single limit.*
 4. *Umbrella providing excess coverage over underlying(s) B and C coverages for \$3,000,000 each occurrence/aggregate. Terms to be not more restrictive than underlying coverages.*
 5. *Builders' risk or installation floater for 100% of the total value of the project on a replacement cost basis. All Risks or special perils basis including wind. Miami-Dade County must be included as named insured or loss payee.*
- C. All insurance policies required above shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:
1. The company must be rated no less than "A-" as to management, and no less than "Class VII" as to financial strength, by Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the approval of the County Risk Management Division.
- or
2. The company must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to Do Business in Florida" issued by the State of Florida Department of Financial Services.

NOTE: MIAMI DADE COUNTY CONTRACT NUMBER AND TITLE OF CONTRACT MUST APPEAR ON EACH CERTIFICATE.

CERTIFICATE HOLDER MUST READ:

MIAMI-DADE COUNTY
111 NW 1st STREET
SUITE 2340
MIAMI, FL 33128

Compliance with the foregoing requirements shall not relieve the Contractor of his liability and obligation under this section or under any other section of this agreement.

SECTION 4: SUPPLEMENTARY INFORMATION

SAMPLE SURETY PERFORMANCE AND PAYMENT BOND FORM

SURETY PERFORMANCE AND PAYMENT BOND

By this Bond, We _____, as Principal, whose principal business address is _____, as Contractor under the contract dated _____, 20 ____, between Principal and Miami-Dade County for the construction of _____ Project No. _____ (herein after referred to as "Contract") the terms of which Contract are incorporated by reference in its entirety into this Bond and _____, a corporation, whose principal business address is _____ as Surety, are bound to Miami-Dade County (hereinafter referred to as "County") in the sum of _____ (U.S. dollars) \$ _____, for payment of which we bind ourselves, our heirs, personal representatives, successors, and assigns, jointly and severally.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs all the work under the Contract, including but not limited to guarantees, warranties and the curing of latent defects, said Contract being made a part of this bond by reference, and in the times and in the manner prescribed in the Contract, including any and all damages for delay; and
2. Promptly makes payments to all claimants, as defined in Section 255.05(1), Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the contract; and
3. Pays County all losses, damages, including damages for delay, expenses, costs and attorney's fees, including appellate proceedings, that County sustains because of a default by Principal under the Contract, including but not limited to a failure to honor all guarantees and warranties or to cure latent defects in its work or materials within 5 years after completion of the work under the Contract; and
4. Performs the guarantee of all work and materials furnished under the contract for the time specified in the Contract, including all warranties and curing all latent defects within 5 years after completion of the work under the Contract;

then this bond is void; otherwise it remains in full force.

If no specific periods of warranty are stated in the Contract for any particular item or work, material or equipment, the warranty shall be deemed to be a period of one (1) year from the date of final acceptance by the County. This Bond does not limit the County's ability to pursue suits directly with the Principal seeking damages for latent defects in materials or workmanship, such actions being subject to the limitations found in Section 95.11(3) (c), Florida Statutes.

Any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect Surety's obligation under this Bond.

SURETY PERFORMANCE BOND (Cont'd)

IN WITNESS WHEREOF, the above bounden parties have caused this Bond to be executed by their appropriate officials as of the _____ day of _____, 20 __.

CONTRACTOR

(Contractor Name)

BY:

(President) (Managing Partner or Joint Venture)

(SEAL)

COUNTERSIGNED BY RESIDENT
FLORIDA AGENT OF SURETY:

SURETY:

(Copy of Agent's current
Identification Card as issued by
State of Florida Insurance Commissioner must be attached) By:

Attorney-in-Fact

(CORPORATE SEAL)

(Power of Attorney must be attached)

PERMITS

PERMIT MATRIX - RPQ NO. 20240235

SNOWDEN BRIDGE PROJECT

AGENCY	PERMIT NAME	PERMIT No.	Date	EXPIRATION	CONTACT	Email
FDEP	N/A	No permit required	email on 7/22/21	N/A	Kaitlyn Mallett	Kaitlyn.Mallett@FloridaDEP.gov
FDOT	Bridge Number	879043	email on 2/5/2020	N/A	Giuseppe Noto	Giuseppe.Noto@dot.state.fl.us
ACOE	408	15636	5/12/2020	N/A	Murika Davis	murika.davis@usace.army.mil
ACOE	Dredge Authorization	SAJ-2020-00886 (LOP - MLC)	6/15/2021	6/15/2026	Megane Clouser	Megan.L.Clouser@usace.army.mil
SFWMD	ROW	17030-R	6/3/2024	6/30/2025	Hixenbaugh, John	jhixenba@sfwmd.gov
SFWMD	General Environmental Resource Permit	13-104699-P	2/15/2021	2/15/2026	Barbara Conmy	bconmy@sfwmd.gov

**DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
(ACOE)**



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
701 SAN MARCO BOULEVARD
JACKSONVILLE, FLORIDA 32207-8175

May 12, 2020

Engineering Division
Design Branch

Mr. John P. Mitnik, P.E.
Assistant Executive Director
Operations, Engineering, and Construction
South Florida Water Management District
3301 Gun Club Road
West Palm Beach, FL 33406

Dear Mr. Mitnik:

Reference South Florida Water Management District (SFWMD) letter dated March 20, 2020 requesting U.S. Army Corps of Engineers (Corps) review the plans for the Miami-Dade County Pedestrian Bridge over C-100 Canal at Old Cutler Road (2020-0031) to provide pedestrian/bicycle access immediately adjacent to the existing Old Cutler Road bridge. It is my understanding that the work includes constructing a prefabricated single span steel bridge over the canal with no piles in the water. There will be minor dredging to ensure design discharge is maintained.

The Corps completed the requested technical review and approves your request for the Miami-Dade County Pedestrian Bridge over C-100 Canal at Old Cutler Road (2020-0031) as referenced herein. Approval of these modifications to the Central & Southern Florida (C&SF) Project is in accordance with 33 U.S.C. 408. It also complies with the National Environmental Policy Act as the proposed modifications were analyzed and verified in the *Department of Army Permit SAJ-2020-00886*.

The SFWMD shall comply with EC 1165-2-220, dated 10 September 2018, Policy and Procedural Guidance for Processing Requests to Alter US Army Corps of Engineers Civil Works Projects Pursuant to 33 USC 408, Appendix K, paragraphs 1. to 16. and the time limit for completing the work authorized in *Department of Army Permit SAJ-2020-00886*. The applicant is responsible for the construction quality control for performance of the work and for ensuring these modifications do not interfere with the functioning of the C&SF project. Documentation of the completed work must be furnished to the Corps within 30 days after completion of the work for our records. This documentation will need to include a certification that the work was completed in accordance with the approved plans and specifications, GPS readings for the limits of the work performed, as-built drawings, and the date the work started and was completed.

Please note that this action does not constitute a Department of the Army Permit pursuant to Section 404 of the Clean Water Act or Section 10 of the Rivers and Harbors Act of 1899.

If you have any questions regarding the information in this letter, please feel free to contact me or you may contact Murika Davis, 904-232-1604, or email murika.davis@usace.army.mil.

Sincerely,

A handwritten signature in black ink that reads "Laureen Borocharner". The signature is written in a cursive, flowing style.

Laureen A. Borocharner, P.E.
Chief, Engineering Division

Enclosure

cc:

Ms. Nimmy Jeyakumar, South Florida Water Management District, 3301 Gun Club Road, West Palm Beach, FL 33406

Ms. Teri Swartz, South Florida Water Management District, 3301 Gun Club Road, West Palm Beach, FL 33406 – electronic copy

Ms. Marie Huber, U.S. Army Corps of Engineers, Programs & Project Management, 701 San Marco Blvd, Jacksonville, FL 32207 – electronic copy



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
P. O. BOX 4970
JACKSONVILLE, FLORIDA 32232-0019

June 15, 2021

Regulatory Division
South Permits Branch
Miami Permits Section
SAJ-2020-00886(LP-MLC)

Miami-Dade Dept. of Transportation and Public Works
Attn: Elia Nunez
701 NW 1st Court, Suite 1500
Miami, FL 33136

Dear Ms. Nunez:

This is in reference to your request for a Department of the Army (DA) permit to perform work in or affecting waters of the United States. If you determine the permit provided is acceptable in its entirety and you have chosen to proceed with the authorized activity, then upon recommendation of the Chief of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) you are authorized under a Letter of Permission to:

dredge 4200 cubic yards of accumulated silt. Turbidity curtains will be deployed in waters of the United States and will remain in place until the work is completed and erodible materials have stabilized.

located over the C-100 Canal and Old Cutler Road, in Section 35, Township 55 South, Range 40 East, Miami-Dade County, Florida (Folio Number 02-3232-003-0340).

Geographic Position: Latitude: 25.610578
Longitude: -80.310197

The project must be completed in accordance with the 41 enclosed construction drawings date stamped by the Corps on March 3, 2021, and the general and special conditions which are incorporated in, and made a part of, the permit.

Special Conditions:

1. **Reporting Address:** The Permittee shall submit all reports, notifications, documentation and correspondence required by the general and special conditions of this permit to either (not both) of the following addresses:

a. For electronic mail (preferred): SAJ-RD-Enforcement@usace.army.mil
(not to exceed 25 MB).

b. For standard mail: U.S. Army Corps of Engineers, Regulatory Division,
Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232-0019.

The Permittee shall reference this permit number, SAJ-2020-00886 (LOP - MLC), on all submittals.

2. SELF-CERTIFICATION: Within 60 days of completion of the work authorized by this permit, the Permittee shall complete the attached "Self-Certification Statement of Compliance" form (Attached) and submit it to the Corps. In the event that the completed work deviates in any manner from the authorized work, the Permittee shall describe the deviations between the work authorized by this permit and the work as constructed on the "Self-Certification Statement of Compliance" form. The description of any deviations on the "Self-Certification Statement of Compliance" form does not constitute approval of any deviations by the Corps.

3. COMMENCEMENT NOTICE: Within ten (10) days from the date of initiating the authorized work, the Permittee shall provide to the Corps a written notification of the date of commencement of work authorized by this permit.

4. ASSURANCE OF NAVIGATION AND MAINTENANCE: The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

5. TURBIDITY BARRIERS: Prior to the initiation of any of the work authorized by this permit, the Permittee shall install floating turbidity

barriers with weighted skirts that extend to within 1 foot of the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained until the authorized work has been completed and all suspended and erodible materials have been stabilized. Turbidity barriers shall be removed upon stabilization of the work area.

6. POSTING OF PERMIT: The Permittee shall have available and maintain for review a copy of this permit and approved plans at the construction site.

7. AGENCY CHANGES/APPROVALS: Should any other agency require and/or approve changes to the work authorized or obligated by this permit, the Permittee is advised a modification to this permit instrument is required prior to initiation of those changes. It is the Permittee's responsibility to request a modification of this permit from the Miami Permits Section. The Corps reserves the right to fully evaluate, amend, and approve or deny the request for modification of this permit.

8. CULTURAL RESOURCES/HISTORIC PROPERTIES:

- a. No structure or work shall adversely affect impact or disturb properties listed in the National Register of Historic Places (NRHP) or those eligible for inclusion in the NRHP.
- b. If during the ground disturbing activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the Permittee shall immediately stop all work and ground- disturbing activities within a 100-meter diameter of the discovery and notify the Corps within the same business day (8 hours). The Corps shall then notify the Florida State Historic Preservation Officer (SHPO) and the appropriate Tribal Historic Preservation Officer(s) (THPO(s)) to assess the

significance of the discovery and devise appropriate actions.

- c. Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries as referenced in accordance with the above Special Condition; and if deemed necessary by the SHPO, THPO(s), or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO for finds under his or her jurisdiction, and from the Corps.
- d. In the unlikely event that unmarked human remains are identified on non- federal lands, they will be treated in accordance with Section 872.05 Florida Statutes. All work and ground disturbing activities within a 100- meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO and THPO(s). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the State Archeologist and from the Corps.

9. PROJECT DRAWINGS: The project must be completed in accordance with the enclosed construction drawings (pages 1-41), date-stamped by the U.S. Army Corps of Engineers (Corps) on March 3, 2021, and the general and special conditions which are incorporated in, and made a part of, the permit.

If the work authorized is not completed on or before **June 15, 2026**, authorization, if not previously revoked or specifically extended, shall cease and be null and void.

Instructions for Objecting to Permit Terms and Conditions: This letter contains an initial proffered permit for your proposed project/permit application. If you object to certain terms and conditions contained within the permit, you may request that the


permit be modified. Enclosed you will find a Notification of Administrative Appeal Options and Process fact sheet and Request for Appeal (RFA) form. If you choose to object to certain terms and conditions of the permit, you must follow the directions provided in Section 1, Part A and submit the completed RFA form to the letterhead address.

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria under 33 CFR Part 331.5, and that it has been received by the District office within 60 days of the date of the RFA. Should you decide to submit an RFA form, it must be received at the letterhead address by August 14, 2021.

Should you have any questions regarding this letter, please contact the project manager Megan Clouser in writing the letterhead address, by telephone at 305-526-7182, or by email at Megan.L.Clouser@usace.army.mil.

The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey and complete our automated Customer Service Survey. Your input is appreciated – favorable or otherwise.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:


for: Andrew D. Kelly, Jr.
Colonel, U.S. Army
District Commander

Enclosures

cc:
CESAJ-RD-PE (w/ enclosures)

REQUEST PERMIT TRANSFER: PERMIT NUMBER: SAJ-2020-00886(LP-MLC)

When the structures or work verified by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, the present permittee and the transferee should sign and date below. This document must then be provided to the U.S. Army Corps of Engineers, Regulatory Division, Post Office Box 4970, Jacksonville, Florida 32232-0019.

(TRANSFEREE SIGNATURE)

(DATE)

(Name - Printed)

Lot/Block of site

(Street Address)

(City, State, and Zip Code)

Flood Plain Information:

This Department of the Army permit does not give absolute authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions. You should contact the local office in your area that issues building permits to determine if your site is located in a flood-prone or floodway area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program. If your local office cannot provide you the necessary information, you may request a flood hazard evaluation of the site by providing this office with a letter and a small scale map showing the location of the site. The request should be addressed to the **Chief, Flood Control and Floodplain Management Branch, Jacksonville District, U.S. Army Corps of Engineers, P.O. Box 4970, Jacksonville, Florida 32232-0019**. Phone inquiries may be made at 904-232-2515.

GENERAL CONDITIONS
33 CFR PART 320-330
PUBLISHED FR DATED 13 NOVEMBER 1986

1. The time limit for completing the work authorized ends on **the date noted in the permit letter**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND
REQUEST FOR APPEAL**

Applicant: Miami-Dade Dept of Transportation & Public Works		File Number: SAJ-2020-00886	Date: June 15 2021
Attached is:			See Section below
X	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A	
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B	
	PERMIT DENIAL	C	
	APPROVED JURISDICTIONAL DETERMINATION	D	
	PRELIMINARY JURISDICTIONAL DETERMINATION	E	

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at http://www.usace.army.mil/CECW/Pages/reg_materials.aspx or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision you may contact:

Project Manager as noted in letter

If you have questions regarding the appeal process you may contact:

Phillip A. Shannin
404-562-5137

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number:

INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SUMMARY OF ROADWAY PAY ITEMS
3-4	TYPICAL SECTIONS
5-6	GENERAL NOTES
7	ROADWAY PLAN
8	ROADWAY PROFILE
9	DRAINAGE PLAN
10-11	DRAINAGE DETAILS
12-15	STORMWATER POLLUTION PREVENTION PLAN
16-18	TEMPORARY TRAFFIC CONTROL PLANS
19	SIGNING AND PAVEMENT MARKING TABULATION OF QUANTITIES
20	SIGNING AND PAVEMENT MARKING NOTES
21	SIGNING AND PAVEMENT MARKING PLAN
22	LIGHTING PLAN
23	TABULATION OF QUANTITIES AND MISCELLANEOUS DETAILS
24	LIGHTING MISCELLANEOUS DETAILS
25	LIGHTING ELECTRICAL POWER / SERVICE DETAIL
B-1	PED BRIDGE STRUCTURE PLANS. GENERAL NOTES
B-2	PED BRIDGE STRUCTURE PLANS. SUMMARY OF PAY ITEMS
B-3	PED BRIDGE STRUCTURE PLANS. PLAN AND ELEVATION
B-4	PED BRIDGE STRUCTURE PLANS. TYPICAL CROSS SECTION
B-5	PED BRIDGE STRUCTURE PLANS. FOUNDATION LAYOUT
B-6	PED BRIDGE STRUCTURE PLANS. PILE DATA TABLE
B-7	PED BRIDGE STRUCTURE PLANS. SOUTH ABUTMENT DETAILS
B-8	PED BRIDGE STRUCTURE PLANS. NORTH ABUTMENT DETAILS
B-9	PED BRIDGE STRUCTURE PLANS. FINISH GRADE ELEVATIONS
B-10	PED BRIDGE STRUCTURE PLANS. ABUTMENT REINFORCEMENT 1 OF 2
B-11	PED BRIDGE STRUCTURE PLANS. ABUTMENT REINFORCEMENT 2 OF 2
B-12	PED BRIDGE STRUCTURE PLANS. WINGWALL REINFORCEMENT
B-13	PED BRIDGE STRUCTURE PLANS. APPROACH SLABS (20FT)
B-14	PED BRIDGE STRUCTURE PLANS. REINFORCING BAR LIST

GR-1* REPORT ROADWAY SOIL SURVEY

*THIS SHEET IS INCLUDED IN THE INDEX OF ROADWAY PLANS ONLY TO INDICATE THAT IT IS PART OF THE ROADWAY PLANS. THIS SHEET IS CONTAINED IN A SEPARATE SIGNED AND SEALED DOCUMENT.

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PARTS 1, 2 AND 3. THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AS AMENDED BY CONTRACT DOCUMENTS.



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2019-20 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

Standard Plans for Bridge Construction are included in the Structures Plans Component.

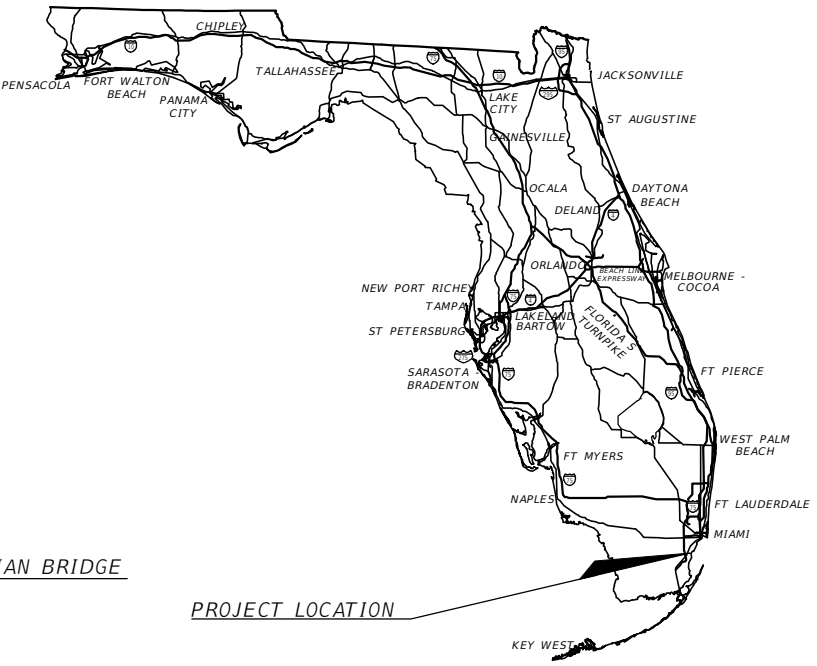
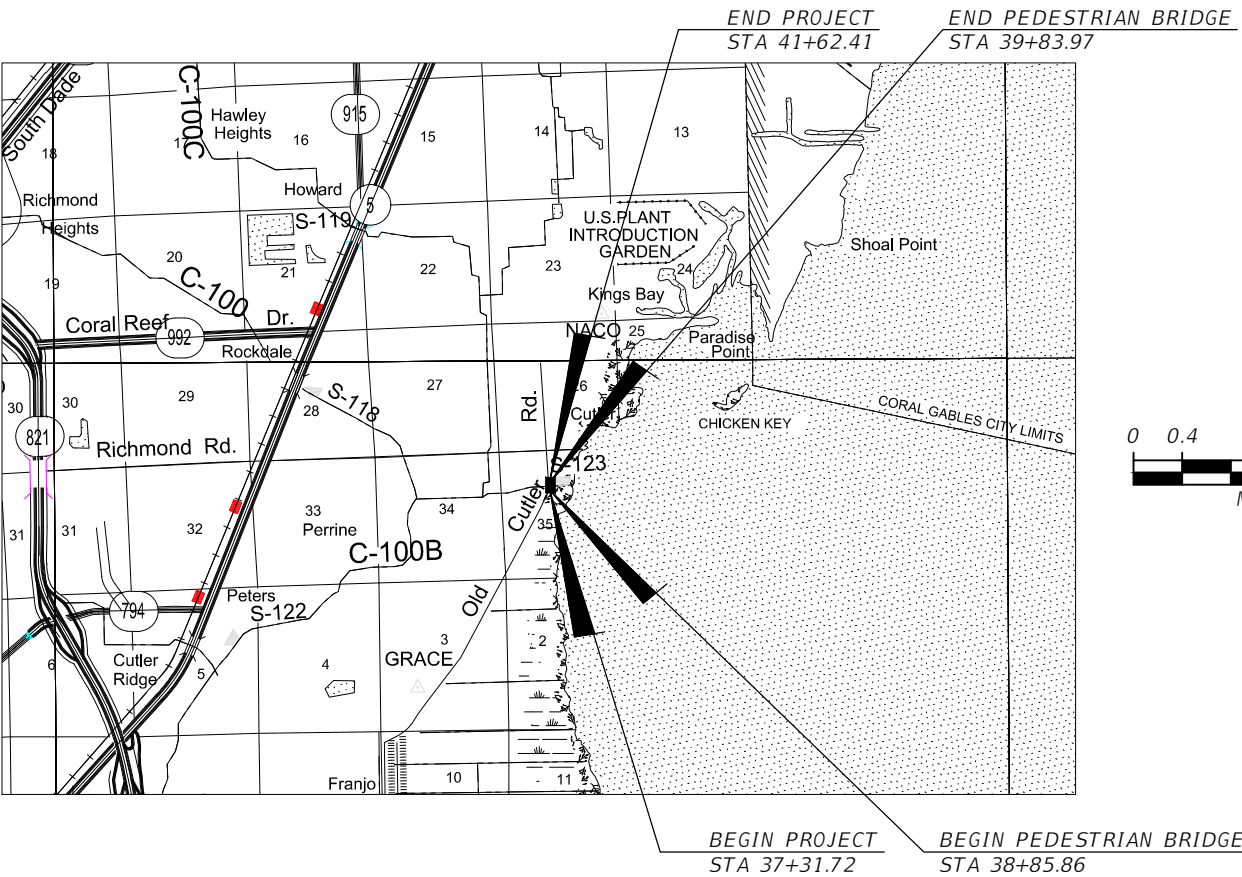
GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, July, 2019 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONTRACT PLANS

PROJECT No.: 20180164
EQP PROJECT No.: EDP-MT-20180164

MIAMI-DADE COUNTY

SNOWDEN PEDESTRIAN BRIDGE No. TBD
ALONG OLD CUTLER TRAIL N. OF SW 174 ST
OVER C100 CANAL
ADJ TO BRIDGE 874293



90% SUBMITTAL
01/16/2020
NOT FOR CONSTRUCTION
FOR REVIEW ONLY

PRIME CONSULTANT PROJECT MANAGER:



JUAN A. SOBRINO, P.E.
P.E. NO.: 73121
PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. 305 648 00 10

CERTIFICATE OF AUTHORIZATION NO.: 27244

MIAMI-DADE COUNTY PROJECT MANAGER:

GABRIEL DELGADO, P.E.

PREPARED FOR



MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ENGINEERING, PLANNING AND DEVELOPMENT

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	20	1

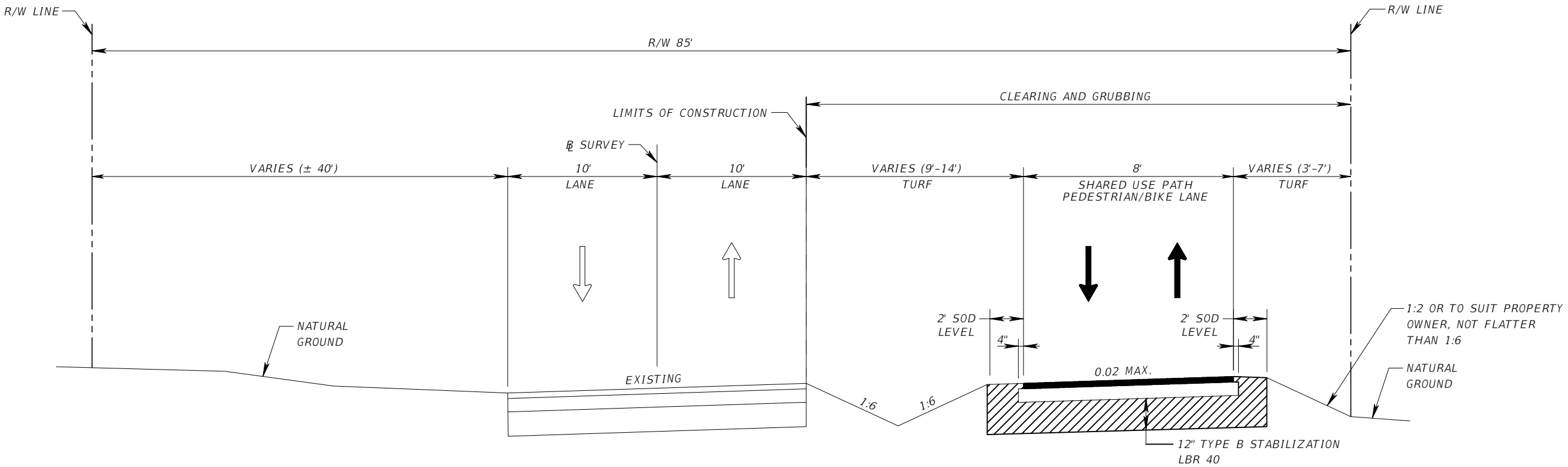
NOTES TO REVIEWER:

1. ALTERNATIVE 1 FOR THE BRIDGE STYLE DESIGN WAS CHOSEN BY THE MIAMI-DADE COUNTY ON JULY 24TH, 2019.

2. 60% PLANS WERE PREVIOUSLY SUBMITTED TO THE PWPERMIT SYSTEM. WE HAVE YET TO RECEIVE ALL COMMENTS RELATED TO THIS 60% REVIEW. IN ORDER TO NOT DELAY THE PROJECT SCHEDULE, WE ARE ALSO SUBMITTING THIS PLAN SET WHICH WAS FORMALLY SUBMITTED TO THE MIAMI-DADE DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS ENGINEERING, PLANNING AND DEVELOPMENT PROJECT MANAGER FOR THE 90% PHASE SUBMITTAL ON JANUARY 16, 2020. THEREFORE, ALL PWPERMIT COMMENTS FOR THE 60% SUBMITTAL MAY NOT BE ADDRESSED IN THIS PLAN SET. ACCORDINGLY, WE WILL ADDRESS ALL COMMENTS FROM BOTH 60% AND 90% PWPERMIT REVIEW AND WILL INCORPORATE THEM INTO THE FINAL SUBMITTAL.

R E V I S I O N S									<div><div>MIAMI-DADE COUNTY</div><div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK, CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div></div> <div>NOTES TO REVIEWER</div>	
DATE	BY	DESCRIPTION								
				NAME	DATE		NAME	DATE		
			DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20		
			CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20		
			SUPERVISED BY: JUAN A. SOBRINO, PE							

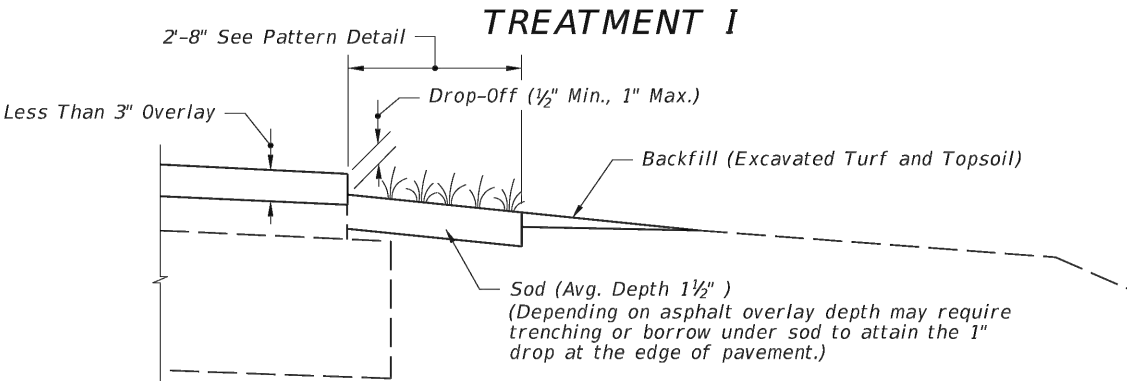
ROADWAY SUMMARY OF PAY ITEMS			
PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL
	ROADWAY		
101 1 A	MOBILIZATION	LS	1
102 1A	MAINTENANCE OF TRAFFIC	LS	1
104 10 3	SEDIMENT BARRIER	LF	540
104 11A	FLOATING TURBIDY BARRIER	LF	300
104 18	INLET PROTECTION SYSTEM	EA	2
108 1	PROTECTION OF EXISTING STRUCTURES - INSPECTION AND SETTLEMENT MONITORING	LS	1
110 1 1	CLEARING & GRUBBING	LS	1
120 1	REGULAR EXCAVATION	CY	67.3
120 6	EMBANKMENT	CY	2225.2
160 4	TYPE "B" STABILIZATION (12" THICK) (Min. CBR 30)	SY	561
285 701	OPTIONAL BASE GROUP 01	SY	496
285 704	OPTIONAL BASE GROUP 04	SY	296
334 1 11	TYPE SP STRUCTURAL COURSE (TRAFFIC A)	TN	40.4
425-1-610B	SWALE INLET TYPE P-10 - (ANY DIMENSION, MAXIMUM DEPTH OF 15')	EA	2
443 70 3-2	FRENCH DRAIN (18" DIAMETER PERFORATED PIPE; TRENCH DEPTH 10 FT. BLS)	LF	100
515 2 111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF	320
520 1 10	CONCRETE CURB FOR PAVER DRIVEWAY	LF	20
526 1 1A	PAVERS, ARCHITECTURAL, ROADWAY	SY	27
536 1	GUARDRAIL- ROADWAY, GEN/LS TL-2 (INCLUDES THE COST OF SHOP PANELS)	LF	50
536 73	GUARDRAIL, REMOVAL	LF	50
536 85 20	GUARDRAIL END TREAT- TRAIL AN TYPE 11	EA	1
570 1 2	PERFORMANCE TURF, SOD	SY	368
580 2 5	LANDSCAPE- RELOCATE TREE, TREES >5"	EA	4



TYPICAL SECTION
OLD CUTLER RD
STA. 37+31.72 TO STA. 38+85.86

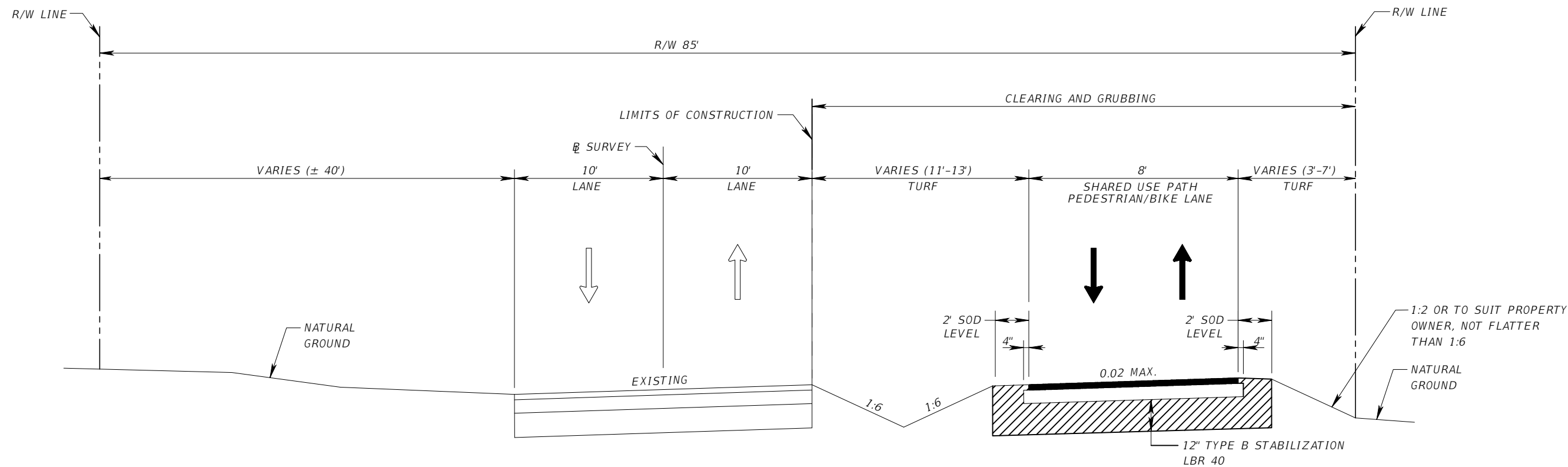
SHARED USE PATH
OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1½")

DRIVEWAY PAVEMENT DESIGN
OPTIONAL BASE GROUP 4 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1½")



STA. 37+31.72 TO STA. 41+62.41

REVISIONS			PEDELTA			DESIGNED BY M.C. 01/16/20			DRAWN BY G.T. 01/16/20			CHECKED BY J.S. 01/16/20			V.P. 01/16/20			SUPERVISED BY: JUAN A. SOBRINO, PE			MIAMI-DADE COUNTY			DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128			TYPICAL SECTIONS (1 OF 2)		
DATE	BY	DESCRIPTION																											
			PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010 CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271																										




TYPICAL SECTION
OLD CUTLER RD
STA. 39+83.97 TO STA. 41+62.41

SHARED USE PATH

OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1½")

DRIVEWAY PAVEMENT DESIGN

OPTIONAL BASE GROUP 4 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1½")

REVISIONS			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010</div> <div>CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271</div>	<div></div>		NAME	DATE		NAME	DATE	<div><div><div>MIAMI-DADE</div><div>COUNTY</div></div><div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div></div>	<div>TYPICAL SECTIONS (2 OF 2)</div>
DATE	BY	DESCRIPTION			DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20		
					CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20		
					SUPERVISED BY: JUAN A. SOBRINO, PE							

GENERAL:

1. ALL CONSTRUCTION SHALL BE MADE IN ACCORDANCE WITH:
- THE FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS AND SPECIFICATIONS
 - MIAMI DADE-COUNTY TRANSPORTATION AND PUBLIC WORKS AS APPLICABLE
 - FDOT 2019 STRUCTURES MANUAL
2. ALL STATIONS AND OFFSET REFER TO BASELINE OF SURVEY, UNLESS OTHERWISE STATED.
3. ALL GRADES SHOWN IN PLAN ARE FINISHED GRADES.
4. THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT, AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION. ANY OFF-SITE STORAGE WILL REQUIRE APPROVAL FROM THE ENGINEER.
5. ALL DITCH EXCAVATIONS SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE PROVISIONS OF THE TRENCH SAFETY ACT.
6. ALL EXCESS MATERIAL, AS DESIGNATED BY THE ENGINEER, IS TO BE DISPOSED BY THE CONTRACTOR IN AREAS PROVIDED BY HIM WITHIN 72 HOURS OF BEING DEPOSITED IN THE CONSTRUCTION AREA AND AT THE CONTRACTOR'S EXPENSE.
7. ALL DISPOSAL OF MATERIALS, RUBBISH, AND DEBRIS SHALL BE MADE AT A LEGAL DISPOSAL SITE OR BY OTHER PRIOR APPROVED MANNER, MATERIAL CLEARED FROM THE SITE AND DEPOSITED ON ADJACENT OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF SATISFACTORILY.
8. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
9. ANY ENCROACHMENT WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR PROTECTED BY THE ADJACENT PROPERTY OWNER AT THEIR EXPENSE.
10. CLEARING AND GRUBBING, GRADING AND OTHER INCIDENTAL WORK NECESSARY FOR HARMONIZATION OUTSIDE R/W SHALL BE INCLUDED IN RELATED BID ITEMS. (110-1-1 CLEARING AND GRUBBING)
11. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED. SEE PAY ITEM NOTES.
12. THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT, ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, PUBLIC OR PRIVATE, DURING THE EXCAVATION OF SUBSOIL MATERIAL AND EXFILTRATION TRENCH, OR FILLING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
13. IF SHEETING, SHORING, OR DEWATERING, INCLUDING WELL POINTS ARE NECESSARY, THE CONTRACTOR MUST MONITOR AND CONTROL ALL WORK THAT MAY CAUSE CRACKING TO ANY ADJACENT BUILDING, STRUCTURE, OR PROPERTY AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY THESE OPERATIONS. COST OF SHEETING, SHORING, OR DEWATERING SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.
14. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES AND UTILITIES, WHICH MAY NOT BE SHOWN ON PLANS. ANY STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
15. CONTRACTOR TO RELOCATE TREES AS DIRECTED BY THE COUNTY. CONTRACTOR SHALL AVOID DAMAGE TO ANY EXISTING TREES TO REMAIN. EXISTING TREES SHALL BE REMOVED ONLY IF REQUIRED FOR CONSTRUCTION. THOSE TREES NOT INTERFERING WITH CONSTRUCTION SHALL BE PROTECTED IN PLACE. THE CONTRACTOR IS ADVISED THAT A TREE PERMIT WILL BE REQUIRED FOR TREE REMOVAL. CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO REMOVING ANY TREE, AND WILL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS.
16. THE CONTRACTOR SHALL USE A STREET SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO THE WORK.
17. WHEN DISSIMILAR MATERIAL CONNECTIONS ARE MADE, SUCH AS CONCRETE TO METAL, THE DISSIMILAR MATERIAL SHALL BE SEPARATED BY COATING THE CONTACT SURFACE WITH BITUMASTIC MATERIAL.

SURVEY:

18. ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS: CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED, OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED-LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE. THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR TO REFERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO MIAMI-DADE DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.

19. EXISTING TOPOGRAPHIC INFORMATION HAS BEEN OBTAINED FROM SURVEY PREPARED BY C.H. PEREZ & ASSOCIATES CONSULTING ENGINEERS, INC..

ENVIRONMENTAL:

20. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE EPA AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES).

21. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE ENGINEER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE COUNTY.

UTILITIES:

22. THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE ONLY. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION. ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ENGINEER AND THE OWNER. THIS WORKS BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

23. EXISTING MANHOLE TOPS, VALVE BOXES, AND OTHER UTILITY CASTING THAT ARE TO REMAIN WITHIN THE LIMITS OF MILLING AND RESURFACING OR PAVEMENT RECONSTRUCTION WORK ARE TO BE ADJUSTED BY THE UTILITY OWNER SUCH THAT THEY ARE FLUSH WITH FINISHED PAVEMENT ELEVATIONS.

24. CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE-CALL AT 811 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.

25. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD AND UNDERGROUND UTILITIES.

26. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER, AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING, AND COMPACTING AROUND THESE LATERAL SERVICES MUST BE INCLUDED IN THE BID RELATED ITEM FOR THE WORK BEING DONE. (120-1 REGULAR EXCAVATION)

PERMITS:

27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE DEWATERING PERMIT. COST OF THE PERMIT AND DEWATERING SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.

SITE INSPECTION:

28. EXISTING ABOVE GROUND FEATURES ARE SHOWN ACCORDING TO THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS AND SHALL REPORT DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.

29. THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH BIDS WILL BE BASED.

30. PRIOR TO CONSTRUCTION THE CONTRACTOR WILL INSPECT ALL EXISTING STRUCTURES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY OBVIOUS STRUCTURAL DEFICIENCIES.

DRAINAGE:

31. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING AND NEW INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. DURING THE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. ALL LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.

32. EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS OTHER WISE NOTED.

33. EXISTING MANHOLES AND INLETS SCHEDULED TO REMAIN SHALL BE THOROUGHLY CLEANED BY REMOVING ALL DEBRIS AND SEDIMENTS, AND THE INTERIOR SHALL BE SEALED WITH AN APPROVED NON-TOXIC BITUMASTIC SEALANT.

34. COMPLETE AS-BUILT INFORMATION RELATIVE TO LOCATION AND DEPTH OF PIPES, MANHOLES, ETC. SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE WORK. ALL ELEVATIONS SHALL BE TAKEN BY A FLORIDA REGISTERED SURVEYOR AND SHOWN ON THE RECORD DRAWINGS.

PAVING:

35. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH THE EXISTING PAVEMENT.

DRIVEWAYS:



36. THE LOCATION OF SOME DRIVEWAYS IS APPROXIMATE. VERIFICATION OF EXACT LOCATION AND DIMENSIONS IS RECOMMENDED

37. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN PLANS.

SIDEWALK:

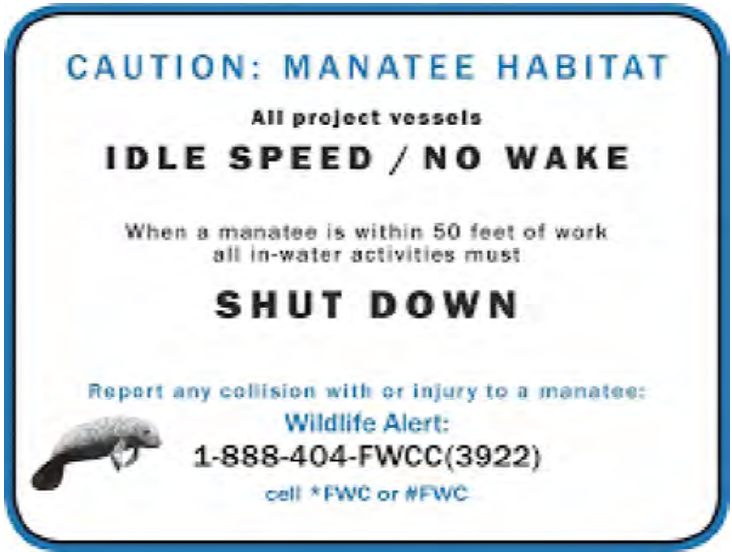
38. CONTRACTOR TO INSTALL ½" PREFORMED EXPANSION JOINT WHEN PROPOSED SIDEWALK IMPROVEMENTS IS IMMEDIATELY ADJACENT TO EXISTING CONCRETE SLAB AND/OR BUILDING.

39. THE SIDEWALK AT DRIVEWAY TURNOUTS SHALL BE 6" CONCRETE.

R E V I S I O N S			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010</div> <div>CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271</div> <div></div>		NAME	DATE		NAME	DATE	<div>MIAMI-DADE COUNTY</div> <div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div>	<div>GENERAL NOTES (1 OF 2)</div>
DATE	BY	DESCRIPTION		DESIGNED	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20		
				CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20		
				SUPERVISED BY: JUAN A. SOBRINO, PE							

STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

1. WEST INDIAN MANATEE (TRICHECHUS MANATUS LATIROSTRIS), A FEDERAL AND STATE LISTED ENDANGERED SPECIES, MAY MIGRATE THROUGH PROJECT AREA. THE PERMITTEE SHALL ADVISE ALL CONSTRUCTION PERSONNEL THAT ARE CIVIL AND CRIMINAL PENALTIES FOR HARMING, HARASSING, OR KILLING MANATEES WHICH ARE PROTECTED UNDER THE MARINE MAMMAL PROTECTION ACT, THE ENDANGERED SPECIES ACT, AND THE FLORIDA MANATEE SANCTUARY ACT.
2. THE CONTRACTOR SHALL POST TEMPORARY SIGN(S) IN A LOCATION PROMINENTLY VISIBLE TO WATER-RELATED CONSTRUCTION CREWS, MEASURING AT LEAST 3 BY 4 FEET THAT READS "CAUTION: MANATEE AREA", FOR DURATION OF THE PROJECT. TEMPORARY SIGNS THAT HAVE BEEN APPROVED FOR THIS USE BY THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWC) MUST BE USED (SEE MYFWC.COM/MANATEE). QUESTIONS CONCERNING THESE SIGNS CAN BE SENT TO THE E-MAIL ADDRESS LISTED ABOVE.
3. ALL VESSELS ASSOCIATED WITH THE CONSTRUCTION SHALL OPERATE AT "IDLE SPEED/NO WAKE" AT ALL, SIGNAGE WILL BE DISPLAYED NEXT TO THE CONTROLS ON ALL CONSTRUCTION RELATED VESSELS, MEASURE AT EAST 8.5 BY 11 INCHES, AND READ "CAUTION: MANATEE HABITAT" AND AT ALL TIMES WHILE IN THE IMMEDIATE ARE AND WHILE IN WATER WHERE THE DRAFT OF THE VESSEL PROVIDES LESS THAN FOUR-FOOT CLEARANCE FROM THE BOTTOM. ALL VESSELS WILL FOLLOW ROUTES OF DEEP WATER WHENEVER POSSIBLE.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A DESIGNATED, TRAINED MANATEE OBSERVER DURING ALL WATER RELATED ACTIVITIES. THAT PERSON TO BE EQUIPPED WITH POLARIZED SUNGLASSES TO AID OBSERVATION. THAT MANATEE OBSERVER BE ON SITE DURING ALL IN-WATER CONSTRUCTION ACTIVITIES AND ADVISE PERSONNEL TO CEASE OPERATION UPON SIGHTING A MANATEE WITH 50 FEET OF ANY IN-WATER CONSTRUCTION ACTIVITY. ACTIVITY WILL NOT RESUME UNTIL THE MANATEE(S) HAS MOVED BEYOND THE 50-FOOT RADIUS OF THE PROJECT OPERATION, OR UNTIL 30 MINUTES ELAPSES IF THE MANATEE(S) HAS NOT REAPPEARED WITHIN 50 FEET OF OPERATION. ANIMALS MUST NOT BE HERDED AWAY OR HARASSED INTO LEAVING.
5. ANY COLLISION WITH OR INJURY TO A MANATEE SHALL BE REPORTED IMMEDIATELY TO THE FISH AND WILDLIFE CONSERVATION HOTLINE AT 1-888-404-3922. COLLISION AND/OR INJURY SHOULD ALSO BE REPORTED TO THE U.S. FISH AND WILDLIFE SERVICE IN JACKSONVILLE (1-904- 731- 3336) FOR NORTH FLORIDA OR VERO BEACH (1-772-562- 3909) FOR SOUTH FLORIDA, AND TO FWC AT IMPERILEDSPECIES@MYFWC.COM
6. SITUATION OR TURBIDITY BARRIERS SHALL BE MADE OF MATERIAL WHICH MANATEES CANNOT BECOME ENTANGLED, SHALL BE PROPERLY SECURED, AND SHALL BE REGULARLY MONITORED TO AVOID MANATEE ENTANGLEMENT OR ENTRAPMENT. BARRIERS MUST NOT IMPEDE MANATEE MOVEMENT.
7. MANATEES CAN GET ENTANGLED IN TURBIDITY BARRIERS, AND MANATEES CAN ALSO GET PAST THE BARRIERS. THEREFORE, TURBIDITY BARRIERS BE MONITORED EACH MORNING AND EACH EVENING AT THE END OF THE WORK SHIFT TO CHECK FOR ENTANGLEMENT IN THE BARRIERS, AND ENTRAPMENT IN THE CONSTRUCTION AREA IF A MANATEE CROSSES THE BARRIER. IF A MANATEE BECOMES ENTANGLED IN A BARRIER THE FWC MUST BE NOTIFIED IMMEDIATELY AT 1-888-404-FWCC. IF A MANATEE BECOMES ENTRAPPED WITHIN THE CONSTRUCTION AREA, THE BARRIER NEEDS TO BE REMOVED AND ONLY BE REPLACED ONCE THE ANIMAL LEAVES THE AREA UPON ITS OWN VOLITION.
8. THE COST OF ALL ITEMS REQUIRED FOR THE MONITORING AND PROTECTION OF MANATEE SUCH AS, BUT NOT LIMITED TO MANATEE SIGNS, OBSERVERS, POLARIZED GLASSES, BINOCULARS, SHALL BE INCLUDED IN THE COST UNIT PRICE OF MOBILIZATION PAY ITEM NO. 101-1.



UTILITY OWNERS:

COMPANIES

COMCAST
FLORIDA CITY GAS
DADE COUNTY PUBLIC WORKS AND TRAFFIC
DADE COUNTY HIGH TECH LOCATING
FLORIDA POWER & LIGHT
MASTEC INC.
AT&T / DISTRIBUTION
MIAMI DADE WATER AND SEWER

CONTACT

LEONARD MAXWELL-NEWBOLD
GUSTAVO PENA
OCTAVIO VIDAL
LISA PRIDEMORE
EDGAR AGUILAR
MIKE PEREZ
DINO FARRUGGIO
LAZARO GUERRA



PHONE NUMBERS

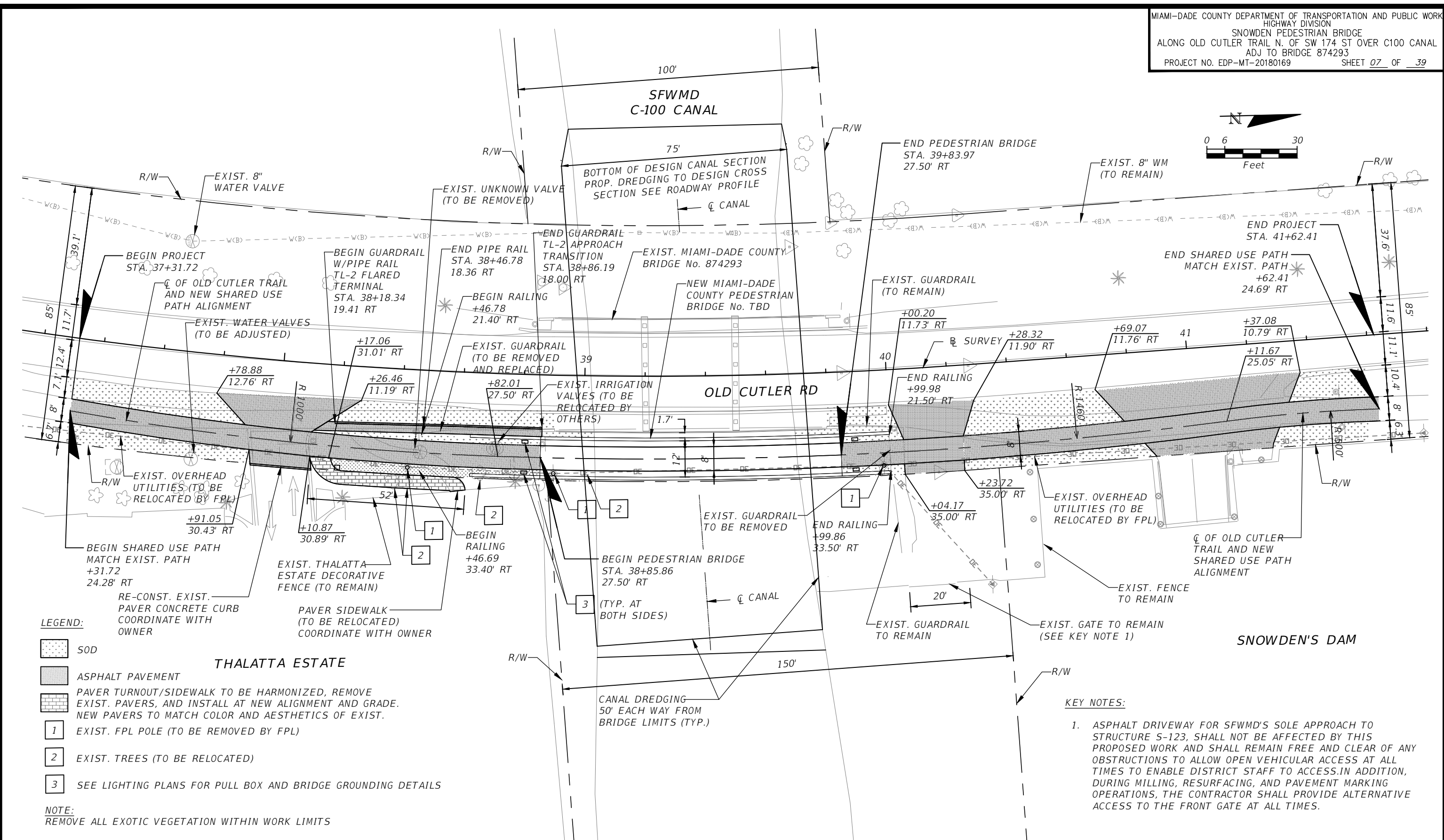
754-221-1254
305-835-3624
305-412-0891 EXT:201
786-345-0991
386-586-6403
305-431-6014
561-997-0240
786-268-5273



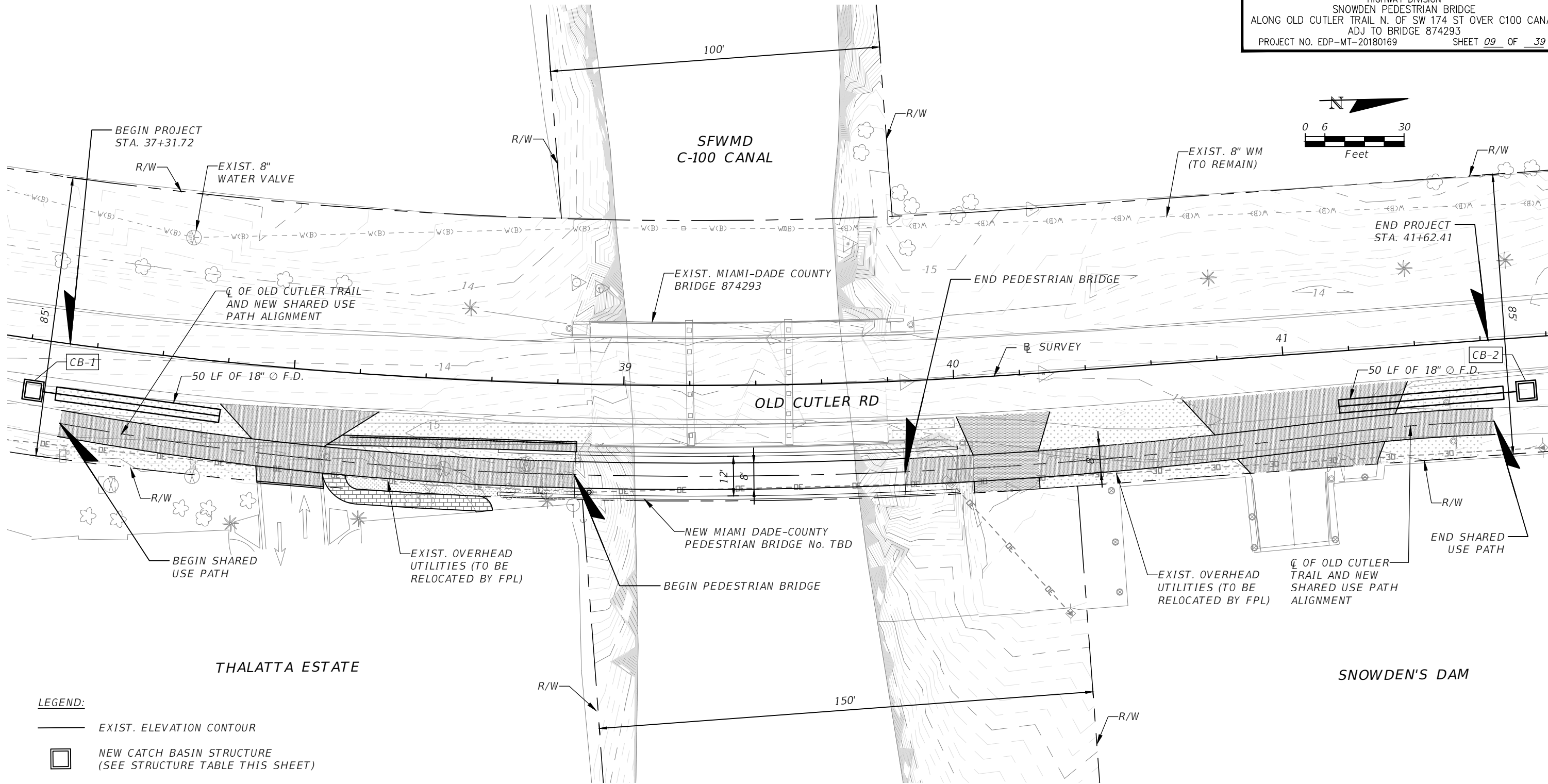
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig!

R E V I S I O N S			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010</div> <div>CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271</div> <div></div>	NAME	DATE	NAME	DATE	<div><div>MIAMI-DADE COUNTY</div></div> <div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div>	<div>GENERAL NOTES (2 OF 2)</div>		
DATE	BY	DESCRIPTION		DESIGNED	M.C.	01/16/20	DRAWN			G.T.	01/16/20
				CHECKED	J.S.	01/16/20	CHECKED			V.P.	01/16/20
				BY			BY				
				SUPERVISED BY: JUAN A. SOBRINO, PE							



REVISIONS			PEDELTA, INC.			DESIGNED BY			DRAWN BY			DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS		
DATE	BY	DESCRIPTION	2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010			M.C.			G.T.			HIGHWAY DIVISION		
			CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271			J.S.			V.P.			STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128		
			SUPERVISED BY: JUAN A. SOBRINO, PE									ROADWAY PLAN		



- LEGEND:
- EXIST. ELEVATION CONTOUR
 - NEW CATCH BASIN STRUCTURE (SEE STRUCTURE TABLE THIS SHEET)

NOTE
CONTOUR INTERVALS DENOTE 0.20 FT
IN ELEVATION CHANGE

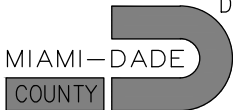
DRAINAGE STRUCTURE TABLE								
No.	Structure Type	Rim EL.	Inv. EL. (N)	Inv. EL. (E)	Inv. EL. (S)	Inv. EL. (W)	Bot. EL.	Baffle
CB-1	Swale Inlet (Type 10) per M-DPWD SD 2.6 & 2.7	13.6'	(+) 8.5'				(+) 5.0'	Yes
CB-2		13.7'			(+) 8.5'		(+) 5.0'	Yes

REVISIONS		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: ADRIAN ROBAINA, PE
P.E. LICENSE # 82271

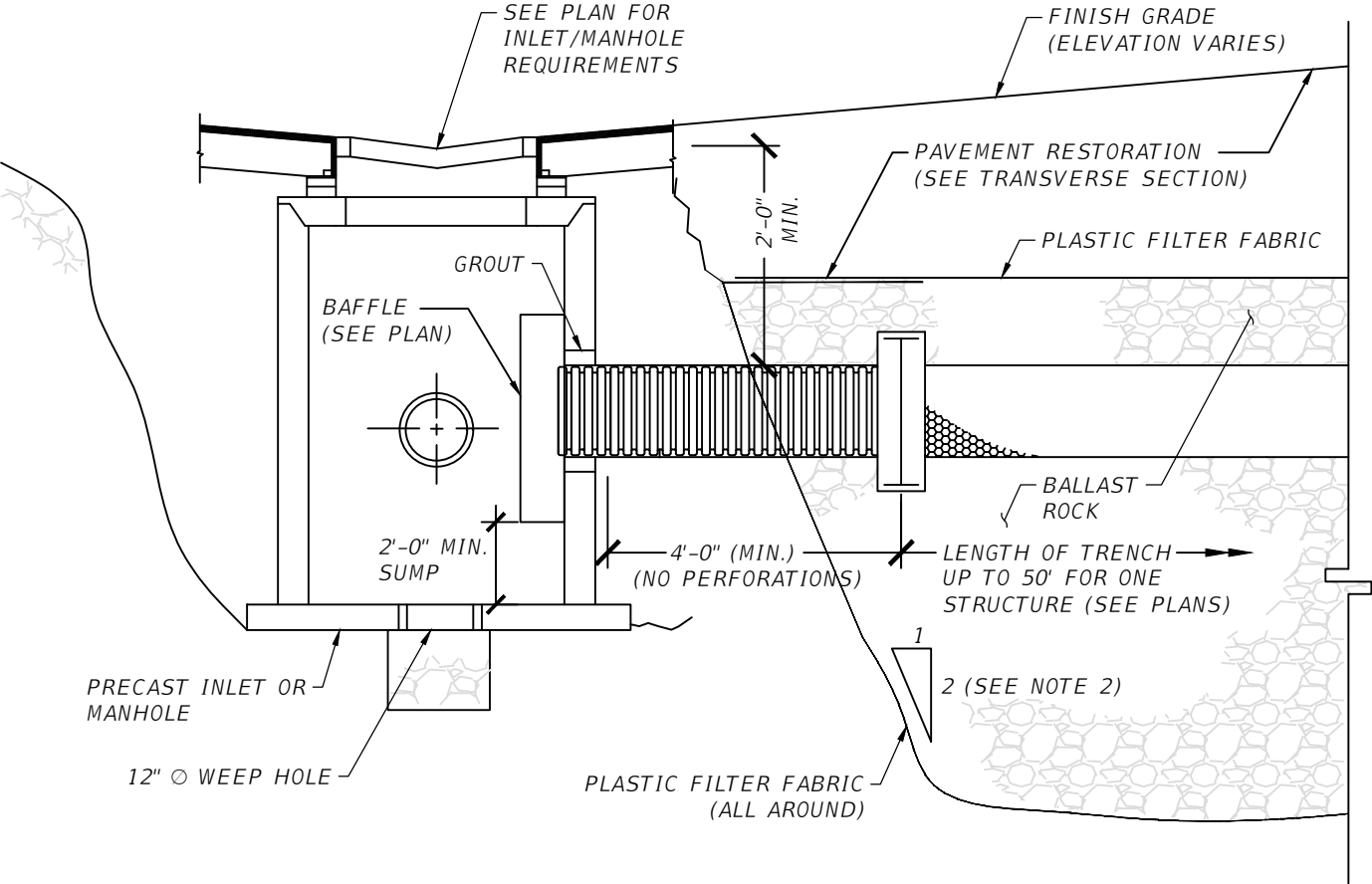


DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					



DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE PLAN

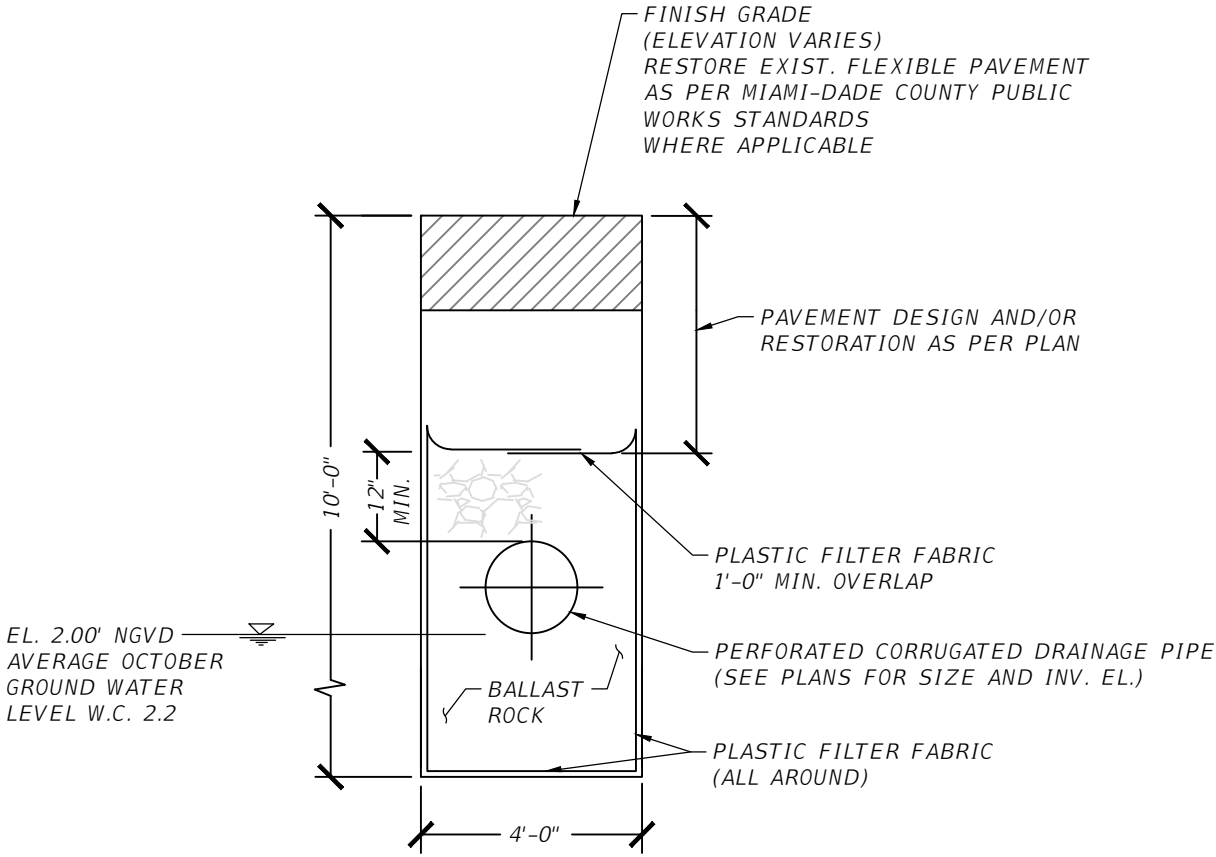


TYPICAL EXFILTRATION TRENCH DETAIL
SCALE: N.T.S.

WORK THIS DETAILS WITH THE MIAMI-DADE COUNTY PUBLIC WORKS STANDARDS

SHOP DRAWINGS ARE REQUIRED:

SUBMIT SHOP DRAWINGS FOR ALL PRECAST DRAINAGE STRUCTURES, INCLUDING CATCH BASIN INLETS, OPTIONAL PIPE MATERIAL AND BAFFLE SPECS. SHOP DRAWINGS MUST SHOW BAFFLE LOCATION AND SUMP PROVIDED.



TRANSVERSE SECTION EXFILTRATION TRENCH
SCALE: N.T.S.

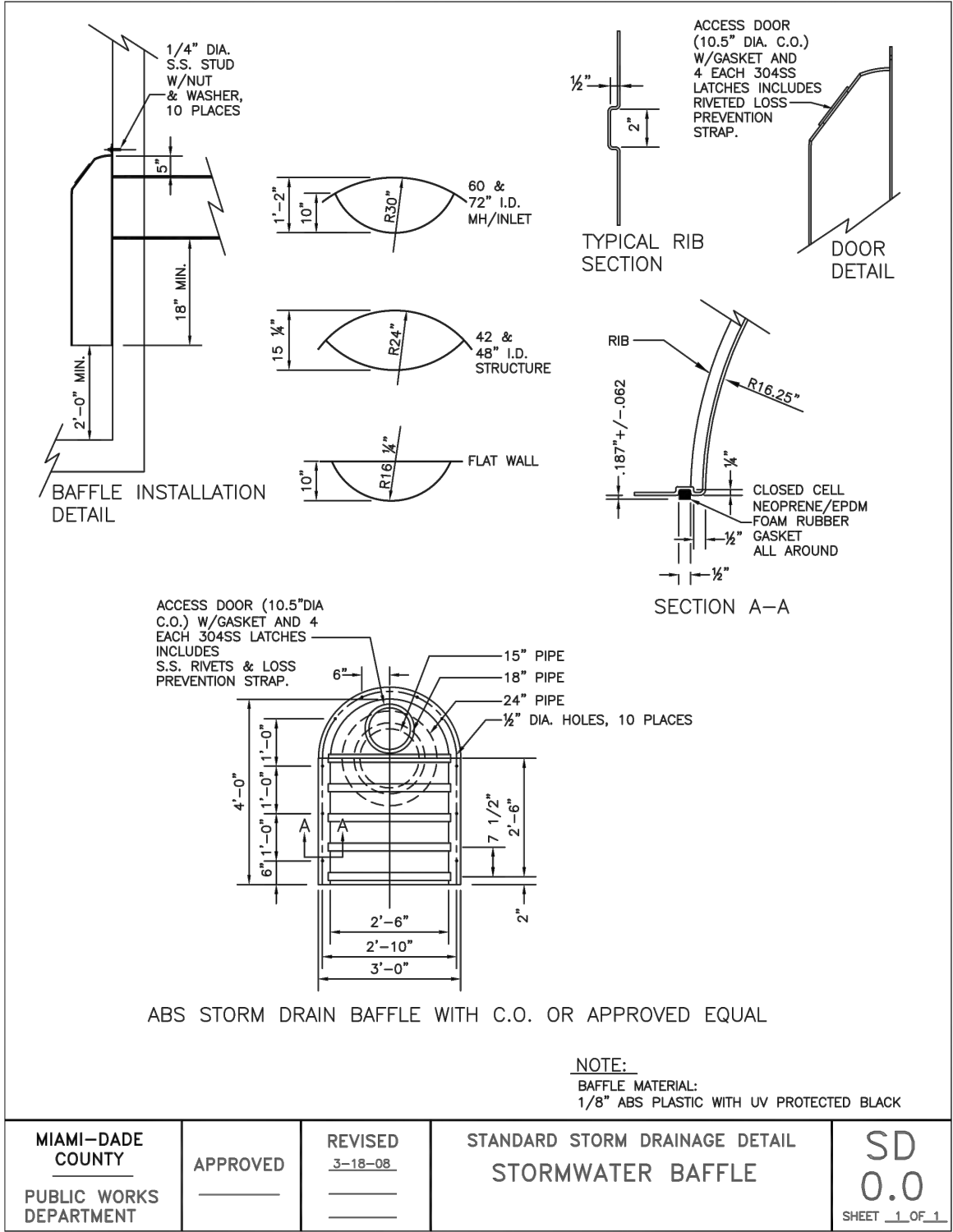
SPECIFIC NOTES:

1. AFTER THE BALLAST ROCK HAS BEEN PLACED TO THE PROPER ELEVATION IT SHALL BE CAREFULLY WASHED DOWN WITH CLEAN WATER IN ORDER TO ALLOW FOR INITIAL SETTLEMENT THAT MAY OCCUR. IF INITIAL SETTLEMENT TAKES PLACE, ADDITIONAL BALLAST ROCK SHALL BE ADDED TO RESTORE TO THE PROPER ELEVATION, SO THAT THE EXFILTRATION TRENCH IS COMPLETED IN ACCORDANCE WITH THE DETAILS.
2. TRENCH ENDS AND SIDES SHALL BE EXCAVATED AS NEAR VERTICAL AS CONDITIONS ALLOW.
3. CONTRACTOR IS REQUIRED TO SUBMIT SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES FOR ENGINEER'S APPROVAL.
4. STRUCTURES & ADAPTERS SPECIFICATIONS ARE AVAILABLE FROM MANUFACTURER AND SHALL BE INCLUDED AS PART OF THE SHOP DRAWING SUBMITTAL PACKAGE.


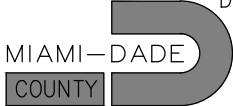
R E V I S I O N S			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010 CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271</div> <div></div>		NAME	DATE		NAME	DATE	<div></div> <div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div>	<div>DRAINAGE DETAILS (1 O F 2)</div>
DATE	BY	DESCRIPTION		DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20		
				CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20		
				SUPERVISED BY: JUAN A. SOBRINO, PE							

SHOP DRAWINGS ARE REQUIRED:

SUBMIT SHOP DRAWINGS FOR ALL PRECAST DRAINAGE STRUCTURES, INCLUDING CATCH BASIN INLETS, OPTIONAL PIPE MATERIAL AND BAFFLE SPECS. SHOP DRAWINGS MUST SHOW BAFFLE LOCATION AND SUMP PROVIDED.



STORMWATER BAFFLE DETAIL
SCALE: N.T.S.

REVISIONS			PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010 CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271		NAME	DATE	NAME	DATE		DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128	DRAINAGE DETAILS (2 OF 2)
DATE	BY	DESCRIPTION			DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20	
					CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20	
					SUPERVISED BY: JUAN A. SOBRINO, PE						

STORMWATER POLLUTION PREVENTION PLAN

NARRATIVE DESCRIPTION:
THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE DESCRIPTION CONTAINS REFERENCES TO THE CONTRACT DOCUMENTS, THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (E&S MANUAL), THE FDOT DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE COMPLETE SWPPP IS COMPRISED OF SEVERAL ITEMS INCLUDING: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL (ECP) PREPARED AND SUBMITTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION. CONTRACTOR IS REQUIRED TO MAINTAIN COPIES OF THE AFOREMENTIONED ITEMS ON SITE, INCLUDING ALL APPLICABLE PERMITS.

1. SITE DESCRIPTION

NATURE OF CONSTRUCTION ACTIVITIES: THE PROJECT CONSISTS OF A NEW PEDESTRIAN BRIDGE.

A. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

THE CONTRACTOR SHALL PROVIDE IN THE ECP A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. EACH CONSTRUCTION PHASE REQUIRES THE INSTALLATION OF PERIMETER CONTROL, AFTER CLEARING AND GRUBBING AS NECESSARY FOR THE INSTALLATION OF THE CONTROLS, PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

1) CLEARING AND GRUBBING, EARTHWORK, DRAINAGE IMPROVEMENTS CONSTRUCTION, NEW PEDESTRIAN BRIDGE, AND APPROACH SHARED USE PATH.
2) FINAL GRADING AND LANDSCAPING WHERE NECESSARY.

B. AREA ESTIMATES (ACRE)

1) TOTAL SITE AREA: 0.86 A.C.
2) TOTAL AREA OF THE SITE THAT IS EXPECTED TO BE DISTURBED: 0.26 A.C.

C. EXISTING DATA DESCRIBING THE SOIL OR THE QUALITY OF ANY DISCHARGE FROM THE SITE AND AN ESTIMATE OF THE SIZE OF THE DRAINAGE AREA FOR EACH DISCHARGE POINT:

1) RATIONAL RUNOFF COEFFICIENT
A) BEFORE: 0.40
B) DURING: 0.45
C) AFTER CONSTRUCTION: 0.40

2) EXISTING DATA DESCRIBING THE SOIL OR THE QUALITY OF DISCHARGE FROM THE SITE: ACCORDING TO THE UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE SOIL SURVEY REPORT OF DADE COUNTY AREA, FLORIDA, THE SOIL ENCOUNTERED ON THE PROJECT ARE OF URBAN LAND UDORTHENTS ASSOCIATION SOIL, WHICH ARE CATEGORIZED AS MODERATELY WELL DRAINED.

3) THE SIZE OF THE DRAINAGE AREA FOR EACH OUTFALL: N/A . THIS PROJECT HAS NO OUTFALL.

4) THE LOCATION OF EACH OUTFALL IS PROVIDED IN ITEM 1.E. BELOW. N/A . THIS PROJECT HAS NO OUTFALL.

D. SITE MAP: THE ASSOCIATED CONSTRUCTION PLAN SHEETS WILL BE USED AS THE SITE MAP. LOCATIONS OF THE REQUIRED INFORMATION ARE DESCRIBED BELOW. THE SHEET NUMBERS FOR ALL ITEMS DISCUSSED ARE IDENTIFIED ON THE COVER SHEET OF THE CONSTRUCTION PLANS.

1) DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER MAJOR GRADING ACTIVITIES: THE SLOPES OF THE SITE CAN BE SEEN ON THE CONSTRUCTION PLAN SHEETS.

2) AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE CONSTRUCTION PLAN SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

3) AN OUTLINE OF AREAS WHICH MAY NOT BE DISTURBED: THESE AREAS OF THE PROJECT OUTSIDE THE CLEARING AND GRUBBING AND CONSTRUCTION ACTIVITIES WHICH COMPRISED OF THOSE THAT ARE NOT SUBJECT TO ANY SOIL DISTURBING ACTIVITIES.

4) THE LOCATION OF MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS IDENTIFIED IN THE PLAN: TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE INSTALLED ALL LOCATIONS WHERE DISTURBANCE OF SOLIDS WILL OCCUR. ADDITIONAL MEASURES MAY BE REQUIRED AS NECESSARY WHERE STORMWATER RUNOFF HAS THE POTENTIAL TO REACH SURFACE WATERS OR OFFSITE STORMWATER COLLECTION FACILITIES.

5) THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS, WETLANDS AND LOCATIONS WHERE STORMWATER IS DISCHARGED TO A SURFACE WATER OR MS4: AREAS OF PERMANENT STABILIZATION ARE SHOWN ON THE CONSTRUCTION PLAN SHEETS.

E. DISCHARGE POINT(S): N/A. THIS PROJECT HAS NO OUTFALL.

2. CONTROLS

A. EROSION AND SEDIMENT CONTROLS: THE CONTRACTOR SHALL DESCRIBE IN THE ECP THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES. THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE ECP, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER MANAGEMENT PRACTICES. FOR EACH CONSTRUCTION PHASE INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE.

REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED. IN ADDITION :

- FURNISH AND PLACE INLET PROTECTION SYSTEMS TO CONTROL EROSION AND SILTATION.
- INSTALL SOIL TRACKING PREVENTION DEVICES (STPDS) AT ALL COMMON AREAS WHERE CONSTRUCTION VEHICLES WILL BE ENTERING AND EXITING THE CONSTRUCTION SITE.

- SEDIMENT BARRIERS SHALL BE INSTALLED AT THE TOE OF SLOPE OF EMBANKMENTS AND AT LOCATIONS AS DESCRIBED IN THE EROSION AND SEDIMENT CONTROL DETAILS AND THE E&S MANUAL.
- INLET PROTECTION SYSTEMS SHALL BE USED FOR ALL EXISTING AND PROPOSED INLETS SUBJECT TO SEDIMENT RUNOFF.
- CLEARING AND GRUBBING OPERATIONS WILL BE CONTROLLED SO AS TO MINIMIZE UNPROTECTED ERODIBLE AREAS EXPOSED TO WEATHER. AREAS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED.
- EXCAVATED MATERIAL SHALL NOT BE DEPOSITED IN LOCATIONS WHERE THE MATERIAL COULD BE WASHED AWAY BY HIGH WATER, RAIN OR STORMWATER RUNOFF. STOCKPILES SHALL BE COVERED OR ENCIRCLE WITH SEDIMENT BARRIERS.

1) STABILIZATION PRACTICES: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

A) TEMPORARY: INCLUDES SOD, MULCH, AND ARTIFICIAL COVERINGS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
B) PERMANENT: INCLUDES ASPHALT OR CONCRETE SURFACE, SOD, ROADSIDE SWALES, AND ENDWALLS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

2) STRUCTURAL PRACTICES: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

A) TEMPORARY: INCLUDES INLET PROTECTION SYSTEMS, SEDIMENT BARRIERS, TURBIDITY BARRIERS AND SOIL TRACKING PREVENTION DEVICES AS PER THE E&S MANUAL AND THE CONTRACT DOCUMENTS. SEE EROSION AND SEDIMENT CONTROL DETAILS FOR MORE INFORMATION. ALL SEDIMENT CONTROLS SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBING ACTIVITY.
B) PERMANENT: INCLUDES ROADSIDE SWALES.

B. PERMANENT STORMWATER MANAGEMENT CONTROLS: STORMWATER RUNOFF WILL BE CONVEYED IN A SWALE SYSTEMS WITH INLETS AND FRENCH DRAINS.

C. CONTROL FOR OTHER POTENTIAL POLLUTANTS: THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN, ORDERLY CONSTRUCTION SITE. THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT THE PROJECT SITE:

1) WASTE DISPOSAL: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

A) THE CONTRACTOR SHALL DEMONSTRATE THE PROPER DISPOSAL OF ALL CONSTRUCTION WASTE GENERATED WITHIN THE PROJECT LIMITS. WASTE MAY INCLUDE, BUT NOT BE LIMITED TO, VEGETATION FROM CLEARING AND GRUBBING ACTIVITIES, PACKAGING MATERIALS, SCRAP BUILDING MATERIALS, LITTER FROM TRAVELING PUBLIC, SEWAGE FROM SANITARY FACILITIES, HERBICIDES AND PESTICIDES AND THEIR CONTAINERS, AND HYDROCARBON PRODUCTS. CONTRACTOR SHALL DESIGNATE A WASTE COLLECTION AREA ONSITE AND DELINEATE THE AREA ON THE SWPPP SITE MAP.

B) SANITARY/SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION, FOR THE USE OF THE CONTRACTOR'S EMPLOYEES AS NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH. A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS WILL COLLECT ALL SANITARY WASTE FROM PORTABLE UNITS.

C) THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES. CONTRACTOR WILL PROVIDE AN ADEQUATE NUMBER OF LITTER CONTAINERS WITH LIDS AT THE STAGING, STOCKPILE AND FIELD OFFICE AREAS (AS APPLICABLE). WASTE COLLECTION WILL BE SCHEDULED SO THAT CONTAINERS ARE EMPTIED PRIOR TO OVERFLOW. SPILLED LITTER CONTAINERS WILL BE CLEANED UP IMMEDIATELY.

2) OFF-SITE VEHICLE TRACKING & GENERATION OF DUST: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

A) STABILIZING CONSTRUCTION ENTRANCES AS NECESSARY ACCORDING TO THE E&S MANUAL AND THE CONTRACT DOCUMENTS.

B) THE CONTRACTOR SHALL TAKE MEASURES TO INSURE THE CLEANUP OF SEDIMENTS THAT HAVE BEEN TRACKED BY VEHICLES OR HAVE BEEN TRANSPORTED BY WIND OR STORMWATER ABOUT THE SITE OR ONTO NEARBY ROADWAYS.

C) REMOVING EXCESS DIRT FROM ROADS DAILY.

D) USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

E) STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS, IF APPROPRIATE, SHALL BE IMPLEMENTED IN ORDER TO REDUCE OFF-SITE TRACKING.

F) LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY.

3) STATE OR LOCAL REGULATIONS: IN THE ECP, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

4) APPLICATION OF FERTILIZER AND PESTICIDES

A) THE APPLICATION AND HANDLING OF HERBICIDES AND PESTICIDES SHALL BE IN COMPLIANCE WITH THE MANUFACTURE RECOMMENDED METHOD AND IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE CONTRACT DOCUMENTS.

B) HERBICIDES AND PESTICIDES SHALL BE STORED ONSITE IN THEIR ORIGINAL CONTAINERS WITH PRODUCT LABEL INTACT.

5) TOXIC SUBSTANCES AND MATERIALS

A) IN THE ECP, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES AND MATERIALS THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

B) CONTRACTOR SHALL PROVIDE EQUIPMENT NECESSARY TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIALS, INCLUDING PETROLEUM PRODUCTS. SPILLS SHALL BE CONTAINED AND CLEANED UP IMMEDIATELY AFTER THEY OCCUR. SPILLED MATERIAL AND THE EQUIPMENT USED TO CLEAN UP THE SPILL SHALL NOT COME IN CONTACT WITH SURFACE WATERS OR BE INTRODUCED INTO STORMWATER. DISPOSAL OF SURPLUS PRODUCT WILL BE DONE ACCORDING TO MANUFACTURER RECOMMENDED METHOD.

C) CONTRACTOR SHALL PROVIDE A PROJECT SPECIFIC HAZARDOUS MATERIALS SPILL CONTROL PLAN IN ORDER TO ADDRESS THE HANDLING OF HYDROCARBON AND HAZARDOUS MATERIALS.

D) PETROLEUM PRODUCTS SHALL BE STORED IN COVERED AREAS WITH SECONDARY CONTAINMENT SURROUNDING CONTAINER.

E) TOXIC/HAZARDOUS MATERIALS EXPOSED DURING CONSTRUCTION ACTIVITIES SHALL BE HANDLED PER THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE CONTRACT DOCUMENTS.

F) APPROVED STATE AND LOCAL PLANS AND PERMITS: AS APPLICABLE.

3. MAINTENANCE: IN THE ECP, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

A. SEDIMENT BARRIERS: TWELVE (12) MONTHS, OR AS REQUIRED, REPLACEMENT INTERVAL IN ACCORDANCE WITH CONTRACT'S SPECIFICATIONS.

B. INLET PROTECTION SYSTEMS AT INLETS-CHECK AFTER RAINFALL EVENTS. CLEAN IF CLOGGING OCCURS.

C. THE MAINTENANCE OF THESE DEVICES SHALL OCCUR UNTIL THE ENGINEER HAS DEEMED AN AREA PERMANENTLY STABILIZED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE EROSION AND SEDIMENT CONTROL DEVICES ONCE THEY HAVE SERVED THEIR PURPOSE.

4. INSPECTION

A. THE CONTRACTOR SHALL BE REQUIRED TO CONDUCT DAILY VISUAL INSPECTIONS OF ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES ALONG THE PROJECT CORRIDOR. THE CONTRACTOR SHALL MAINTAIN, REPAIR AND/OR REPLACE THESE ITEMS AS NECESSARY.

B. THE ENGINEER SHALL HAVE AN INSPECTOR REVIEW THE PROJECT'S TEMPORARY AND PERMANENT EROSION CONTROL MEASURES FOR THE ITEMS LISTED BELOW AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND/OR WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER. A WRITTEN INSPECTION REPORT IS REQUIRED EVERY SEVEN CALENDAR DAYS OR WITHIN 24 HOURS OF THE END OF A STORM THAT DEPOSITS 0.5 INCHES OF RAIN OR GREATER.

1) OUTFALLS INTO THE WATERS OF THE UNITED STATES
2) POINTS OF DISCHARGE TO MUNICIPAL SEPARATED STORM SEWER SYSTEMS
3) DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN STABILIZED
4) AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
5) STRUCTURAL CONTROLS
6) STORMWATER MANAGEMENT SYSTEMS
7) LOCATIONS WHERE VEHICLES ENTER OR EXIT THIS SITE
8) CHECK THAT THE APPROVED OR REVISED EROSION CONTROL PLAN IS FOLLOWED
9) WHERE SITES HAVE BEEN STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.

C. THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

D. IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5. NON-STORMWATER DISCHARGES

A. IN THE ECP, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION FROM THESE NON-STORMWATER DISCHARGES.

B. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS TO CEASE OPERATIONS IN THAT AREA. THE CONTRACTOR SHALL CONTACT THE MIAMI-DADE COUNTY REGULATORY AND ECONOMIC RESOURCES (R.E.R.) COMPLIANCE DESK, AT (305) 372-6955.

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
SNOWDEN PEDESTRIAN BRIDGE
ALONG OLD CUTLER TRAIL N. OF SW 174 ST OVER C100 CANAL
ADJ TO BRIDGE 874293
PROJECT NO. EDP-MT-20180169 SHEET 12 OF 39

REVISIONS

DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: ADRIAN ROBAINA, PE
P.E. LICENSE # 82271

PEDELTA

	NAME	DATE		NAME	DATE
DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

STORM WATER POLLUTION PREVENTION PLAN
(1 OF 4)

U.S. Army Corps of Engineers, SAJ-2020-00886, March 3, 2021, Page 13 of 41

GENERAL EROSION AND SEDIMENTATION CONTROL NOTES

1. THE PURPOSE OF EROSION AND SEDIMENTATION CONTROL IS TO PREVENT POLLUTION OF BODIES OF WATER ON OR ADJACENT TO THE PROJECT SITE. IN ADDITION, EROSION CONTROL SHALL PREVENT DAMAGE TO ADJACENT PROPERTY AND WORK IN PROGRESS.
2. ALL EROSION AND SILTATION MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN GRADING. THE EROSION CONTROL SYMBOLLOGY SHOWN ON PLAN SHEETS SHALL BE UTILIZED IN THE DEFINITION AND UTILIZATION OF ALL EROSION AND SILTATION MEASURES.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSPECT ALL EROSION CONTROL DEVICES PERIODICALLY AND AFTER EVERY RAINFALL. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.
4. DURING CONSTRUCTION, ALL STORM DRAIN INLETS WILL BE PROTECTED BY SILT TRAPS, MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS. REFER TO THE TYPICAL DRAINAGE INLET SEDIMENTATION PROTECTION DETAILS.
5. ALL CONSTRUCTION DISCHARGE WATER SHALL BE ADEQUATELY FILTERED TO REMOVE SILT PRIOR TO DISCHARGE INTO WATERWAYS AND WETLANDS.
6. ALL STREAM CROSSINGS AND STREAM DIVERSIONS REQUIRE ENVIRONMENTAL APPROVAL PRIOR TO ANY INSTREAM CONSTRUCTION.
7. THE CONTRACTOR SHALL MAINTAIN STRICT DUST CONTROL DURING THE PROJECT DURATION. IT IS IMPERATIVE THAT STRICT DUST CONTROL BE MAINTAINED SO THAT DAMAGE OR NUISANCE TO THE AREAS AND FACILITIES ADJACENT TO THIS PROJECT ARE PREVENTED. THIS DUST CONTROL SHALL ALSO INCLUDE THE DUST WHICH MAY OCCUR DURING ANY CONSTRUCTION PROCEDURE. THE OWNER, A/E AND APPLICABLE GOVERNING AGENCY SHALL BE THE SOLE INTERPRETERS OF WHETHER THE DUST IS EXCESSIVE AND WHETHER OR NOT FINES WILL BE LEVIED AGAINST THE CONTRACTOR.
8. THE CONTRACTOR IS RESPONSIBLE FOR DEVELOPING A STORMWATER POLLUTION PREVENTION PLAN TO SUPPLEMENT THE EROSION AND SEDIMENTATION CONTROL MEASURES AS CONTAINED IN THESE DRAWINGS AND OBTAINING ALL NECESSARY PERMITS.
9. EROSION AND SEDIMENTATION CONTROL MEASURES SHOWN AS INTERIM SHALL BE INSTALLED, MAINTAINED, AND ADJUSTED DURING CONSTRUCTION AS NECESSARY ACCORDING TO THE CONTRACTOR'S SEQUENCING AND AS DIRECTED BY THE OWNER AND APPLICABLE GOVERNING AGENCY. INTERIM MEASURES SHALL BE REMOVED BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION.
10. EROSION AND SEDIMENTATION CONTROL MEASURES SHOWN AS FINAL SHALL BE INSTALLED AT THE COMPLETION OF CONSTRUCTION AND LEFT IN PLACE AND MAINTAINED UNTIL THE PAVING CONTRACTOR TAKES CONTROL OF THE SITE.
11. CONTRACTOR SHALL COORDINATE EROSION AND SEDIMENTATION CONTROL MEASURES OUTSIDE PROJECT LIMITS WITH THE APPLICABLE GOVERNING AGENCY.

SILT FENCE NOTES

1. SILT FENCE SHALL BE IN PLACE PRIOR TO GRADING.
2. SILT FENCE AND FILTER FABRIC MUST BE ENTRENCHED.
3. POSTS FOR SILT FENCES SHALL BE EITHER 2.5 X 2 INCH DIAMETER WOOD OR 1.25 POUNDS PER LINEAR FOOT STEEL WITH A MINIMUM LENGTH OF 5 FEET. STEEL POSTS SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM.
4. WIRE FENCE REINFORCEMENT FOR SILT FENCES USING STANDARD STRENGTH FILTER CLOTH SHALL BE A MINIMUM OF 42 INCHES IN HEIGHT, A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6 INCHES.
5. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MIN. OF 12 INCHES) WHEN EXTRA STRENGTH FABRIC IS USED. WITHOUT THE WIRE SUPPORT FENCE, POSTS SHALL NOT EXCEED 6 FEET.
6. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POST.
7. SEDIMENT MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
8. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE PROPOSED AND EXISTING GRADES, PREPARED AND SEEDED OR SODDED.
9. UNDER NO CIRCUMSTANCES SHALL SILT FENCE BE CONSTRUCTED IN LIVE STREAMS.

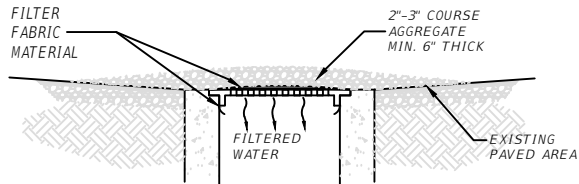
10. SILT FENCE SHALL BE REMOVED UPON COMPLETION OF THE PROJECT OR AT A TIME DIRECTED BY THE OWNER AND APPLICABLE GOVERNING AGENCY. IF THE APPLICABLE GOVERNING AGENCY FEELS IT IS NECESSARY FOR THE SILT FENCE TO REMAIN IN PLACE FOR SOME GIVEN TIME AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL LEAVE IT IN PLACE, IN THE PROPERLY INSTALLED WAY, AND WILL, AT THE DIRECTION OF THE APPLICABLE GOVERNING AGENCY, REMOVE IT AT NO ADDITIONAL COST TO OWNER.

SODDING NOTES

1. GROUND PREPARATION, FERTILIZER APPLICATION, SOD DELIVERY AND SOD INSTALLATION SHALL BE IN ACCORDANCE WITH JURISDICTIONAL SPECIFICATIONS.
2. PRIOR TO DELIVERY OF SOD, THE ENGINEER SHALL BE NOTIFIED OF THE SOURCE, AND SHALL, AT HIS OPTION, INSPECT AND APPROVE THE SOD PRIOR TO CUTTING.
3. THE SOD SHALL BE DELIVERED ALIVE, FRESH, AND UNINJURED, AND SHALL BE TRANSPLANTED WITHIN 24 HOURS OF THE TIME IT WAS CUT. THE CONTRACTOR SHALL WATER THE SOD DAILY UNTIL ROOTS HAVE BEEN ESTABLISHED. SOD SHALL HAVE A SOIL MAT OF SUFFICIENT THICKNESS ADHERING FIRMLY TO THE ROOTS TO WITHSTAND ALL NECESSARY HANDLING. IN ADDITION, SOD SHALL BE SUFFICIENTLY THICK TO SECURE A DENSE STAND OF LIVE GRASS. DEAD SOD SHALL NOT BE USED OR IF THE SOD DIES PRIOR TO ACCEPTANCE OF THE PROJECT, IT SHALL BE REPLACED WITH NEW LIVE SOD.
4. ABSOLUTELY NO MILLET GRASS WILL BE ALLOWED IN THE SOD. ANY MILLET GRASS FOUND IN THE SODDED AREAS SHALL BE PENALIZED IN ACCORDANCE WITH JURISDICTIONAL SPECIFICATIONS.
5. THE CONTRACTOR SHALL PLACE THE WIDTH OF SOD AS DEFINED IN THE PLANS.

MAINTENANCE OF DRAINAGE

1. THROUGHOUT THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POSITIVE (I.E. CONTINUOUS AND FLOWING) DRAINAGE ON ALL DRAINAGE PIPES, SYSTEMS, DITCHES AND OTHER ASSOCIATED DRAINAGE CHANNELS. TEMPORARY DRAINAGE PROVISIONS WILL BE REQUIRED FOR THE CONSTRUCTION OF ALL DRAINAGE RELATED ITEMS. DURING CONSTRUCTION THE CONTRACTOR SHALL NOT BE ALLOWED TO DAM DRAINAGE DITCHES AND INCREASE THE TAIL WATER LEVEL IN THE DITCHES BEYOND THAT WHICH IS ACCEPTABLE BY STATUE. PROOF THAT DAMMING IS ACCEPTABLE WILL BE REQUIRED PRIOR TO ALLOWING THE CONTRACTOR TO USE THAT METHOD. THE CONTRACTOR SHALL SEQUENCE THE WORK SO THAT AREAS OF STANDING WATER ARE NOT CREATED. THE CONTRACTOR WILL BE REQUIRED TO CREATE AND SUBMIT A MAINTENANCE OF DRAINAGE PLAN TO THE APPLICABLE AGENCY FOR APPROVAL. THE MAINTENANCE OF DRAINAGE PLAN SHALL INCLUDE DRAINAGE PHASING PLANS, CONSTRUCTION PROCEDURES, ANY TEMPORARY REROUTING REQUIRED, INTENDED DURATIONS OF TEMPORARY DRAINAGE IN EACH AREA, AND ALL RELATED CONSTRUCTION ACTIVITIES REQUIRED FOR MAINTENANCE OF DRAINAGE. THE CONTRACTOR SHALL ALSO HAVE A CONTINGENCY PLAN INCLUDED WITH THE MAINTENANCE OF DRAINAGE PLAN IN CASE OF A STORM EVENT THAT INDICATES HOW THE CONTRACTOR WILL ALLOW FOR THE INCREASED FLOW RATES DURING THE STORM EVENT. IT IS IMPORTANT THAT THE FLOW OF TRAFFIC AND SURROUNDING AREAS ARE NOT AFFECTED BY ANY TEMPORARY DRAINAGE PROVISIONS.



NOTES:
1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%)

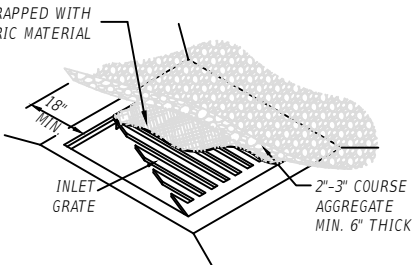
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.

3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

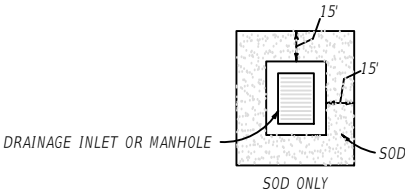
4. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

EROSION CONTROL FILTER FABRIC OVER GRATE INLET

NTS





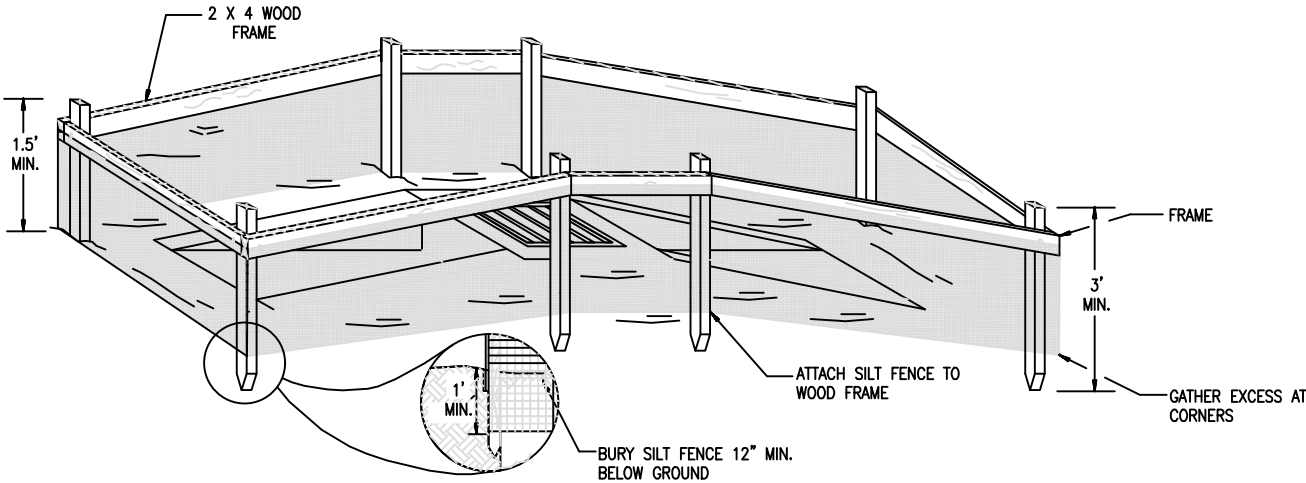
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORK
HIGHWAY DIVISION
SNOWDEN PEDESTRIAN BRIDGE
ALONG OLD CUTLER TRAIL N. OF SW 174 ST OVER C100 CANAL
ADJ TO BRIDGE 874293
PROJECT NO. EDP-MT-20180169 SHEET 13 OF 39



INLET SODDING

NTS

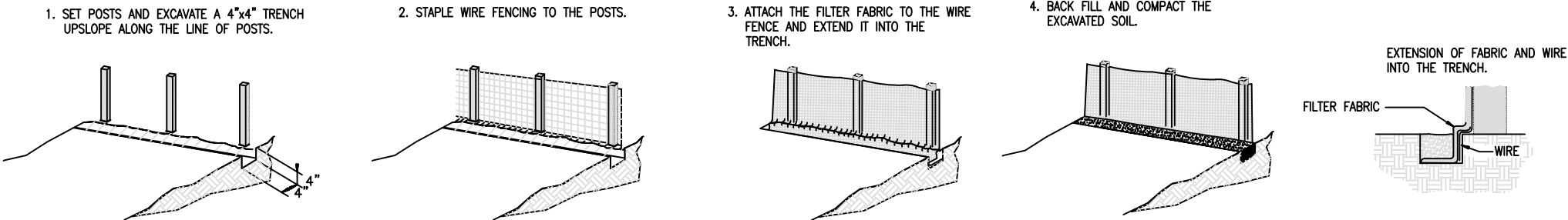
R E V I S I O N S			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010</div> <div>CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271</div> <div></div>						<div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div>	<div>STORM WATER POLLUTION PREVENTION PLAN (2 OF 4)</div>	
DATE	BY	DESCRIPTION		DESIGNED	M.C.	01/16/20	DRAWN	G.T.			01/16/20
				CHECKED	J.S.	01/16/20	CHECKED	V.P.			01/16/20
				SUPERVISED BY: JUAN A. SOBRINO, PE							



NOTE: SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR LOCATION OF ALL SILT FENCE.

ALTERNATIVE DRAINAGE INLET SEDIMENTATION PROTECTION DETAIL
NTS

NOTE:
REFER TO EROSION AND SEDIMENTATION CONTROL MEASURES SHEET FOR THE VARIOUS
EROSION CONTROL TYPES.



NOTE: SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR LOCATION OF ALL SILT FENCE.

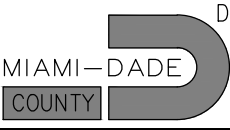
SILT FENCE CONSTRUCTION DETAILS
NTS

R E V I S I O N S		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: ADRIAN ROBAINA, PE
P.E. LICENSE # 82271

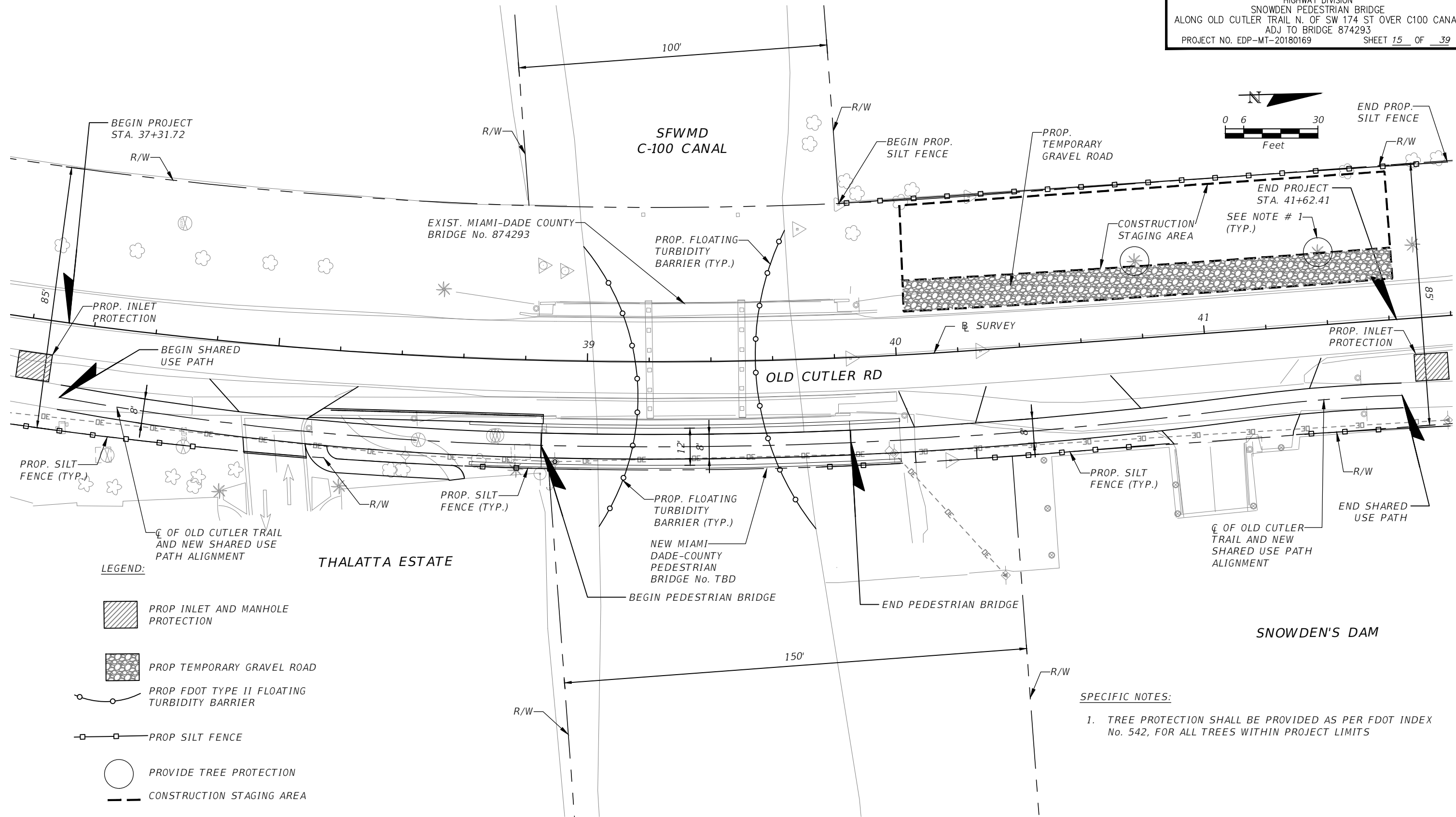


	NAME	DATE		NAME	DATE
DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					



DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

STORM WATER POLLUTION
PREVENTION PLAN
(3 OF 4)



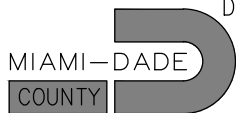
- SPECIFIC NOTES:**
1. TREE PROTECTION SHALL BE PROVIDED AS PER FDOT INDEX No. 542, FOR ALL TREES WITHIN PROJECT LIMITS

REVISIONS		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: ADRIAN ROBAINA, PE
P.E. LICENSE # 82271



DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					



DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

STORM WATER POLLUTION
PREVENTION PLAN
(4 OF 4)

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISIONS, INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE LATEST SPECIFICATIONS OF THE PUBLIC WORKS DEPARTMENT MANUAL, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) ROADWAY AND TRAFFIC DESIGN STANDARDS. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR THE RESETTING OR REPLACING OF ALL TRAFFIC CONTROL DEVICES, INCLUDING PAVEMENT MARKINGS REMOVED OR DAMAGED DURING THE CONSTRUCTION PERIOD. ALL DAMAGED TRAFFIC SIGNS WILL BE REPLACED PRIOR TO COMPLETION OF WORK.
2. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE FLORIDA DOT DESIGN STANDARDS (102-600 SERIES), THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
3. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE, DETOUR OR MOT PHASE CHANGE BY SUBMITTING THE REQUIRED LANE CLOSURE FORM, SKETCHES, CALCULATIONS AND OTHER DATA THROUGH THE ENGINEER TO THE OFFICE OF DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS.
4. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN CLOSED LANE(S) UNTIL SUCH TIME THAT TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
5. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR CONSTRUCTION IN THAT AREA.
6. LANE CLOSURE SHALL OCCUR ONLY DURING THE FOLLOWING HOURS ON WEEKDAYS DURING NON-EVENT DAYS:
8:00 PM TO 5:00 AM WEEKDAYS (DURING NON-EVENT)
THERE SHALL BE NO INTERRUPTION OF PEDESTRIAN, BICYCLE AND VEHICULAR TRAFFIC ROADWAYS SURROUNDING SCHOOLS DURING SCHOOL ARRIVAL/DISMISSAL HOURS. ANY VARIATIONS FROM THESE REQUIREMENTS WILL REQUIRE EXPRESS WRITTEN PERMISSION FROM THE TRANSPORTATION AND PUBLIC WORKS DIRECTOR. CONTRACTOR SHALL COORDINATE WITH DADE COUNTY PUBLIC, CHARTER AND/OR PRIVATE SCHOOL(S) AT LEAST A WEEK IN ADVANCE PRIOR TO CONSTRUCTION.
7. AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
8. CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED WORK SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARY REMOVING, RELOCATING, COVERING AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
9. THE CONTRACTOR SHALL NOT PROPOSE AN ALTERNATE TRAFFIC CONTROL PLAN THAT REDUCES THE NUMBER OF TRAVEL LANES SHOWN ON THE CONTRACT TRAFFIC CONTROL PLANS.
10. ARROWS ON THE TCP DENOTE THE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS UNLESS SPECIFICALLY NOTED.
- DROP OFFS:
11. FOR DROP OFFS, THE CONTRACTOR'S ATTENTION IS DIRECTED TO STANDARD INDEX NO. 102-600, SHEET 9 OF 12. THE CONTRACTOR SHALL USE SHOULDER TREATMENT WHEN NO BARRIERS ARE REQUIRED IN THE PLANS.

12. CONTRACTOR SHALL PROVIDE NECESSARY ACCESS TO ALL ADJACENT PROPERTY DURING CONSTRUCTION.
13. PROVIDE CROSSWALK CLOSURE AND PEDESTRIAN DETOUR AS PER DETAIL "CROSSWALK CLOSURE AND PEDESTRIAN DETOUR" ON INDEX NO. 102-660.
14. ON SCHOOL DAYS LANE CLOSURE ARE NOT PERMITTED BETWEEN THE HOURS OF 7:00 AM TO 9:30 AM AND 2:00 PM TO 5:00 PM (APPLIES ONLY TO SCHOOL ZONE AREAS).
15. SEE THE GENERAL NOTES SHEET FOR AGENCIES, AND THEIR CONTACT INFORMATION, AS WELL AS CONTACT INFORMATION FOR OTHER REQUIRED ACTIONS.
16. FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGNS AT EACH APPROACH TO WORK ZONE.

PCMS MESSAGE 2 WEEKS PRIOR TO CONSTRUCTION:

ROAD
WORK
BEGINS

MESSAGE 1

MM-DD-YY
(DATE)

MESSAGE 2



PCMS MESSAGE DURING CONSTRUCTION:

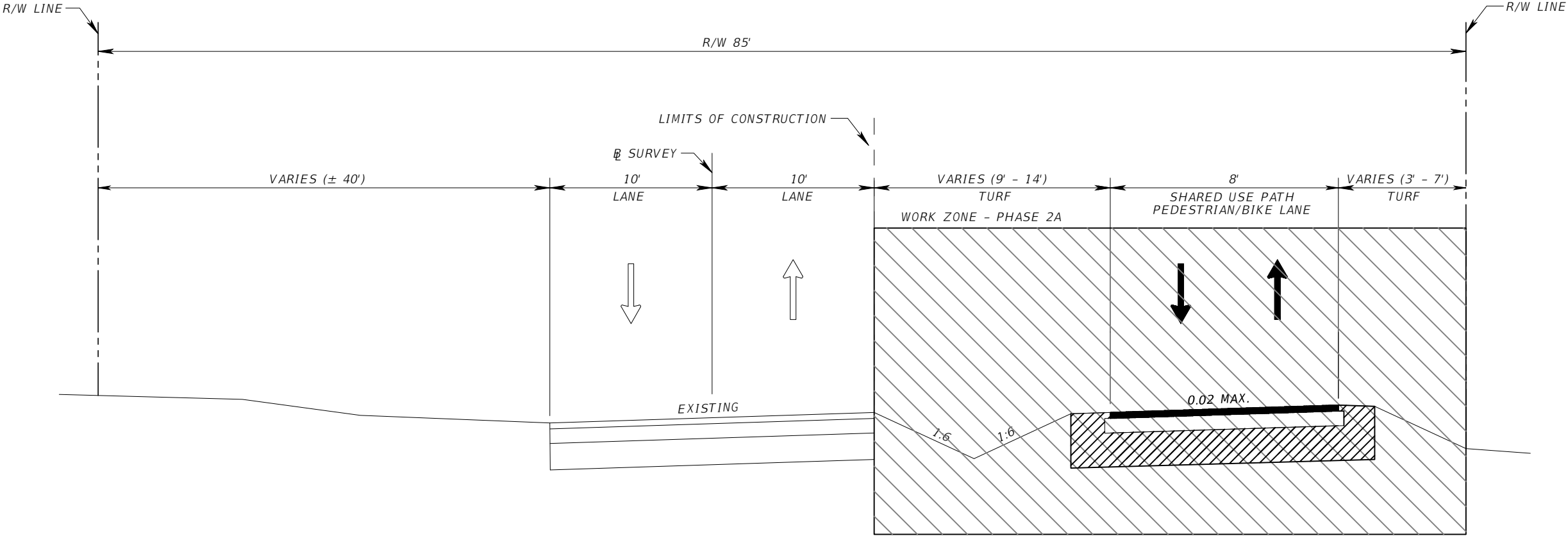
LANE
CLOSURE
AHEAD

MESSAGE 1

PROCEED
WITH
CAUTION

MESSAGE 2

R E V I S I O N S			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010</div> <div>CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271</div> <div></div>		NAME	DATE		NAME	DATE	<div><div>MIAMI-DADE COUNTY</div><div></div></div> <div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div>	<div>TEMPORARY TRAFFIC CONTROL PLANS (1 OF 3)</div>
DATE	BY	DESCRIPTION		DESIGNED	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20		
				CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20		
				SUPERVISED BY: JUAN A. SOBRINO, PE							



PHASE 2A
OLD CUTLER RD
STA. 37+31.72 TO STA. 38+85.86

CONSTRUCTION PHASING

PHASE 1


1. INSTALL TRAFFIC CONTROL DEVICES AND MAINTAIN TRAFFIC IN ACCORDANCE WITH INDICES 102-601 THRU 102-603, AND 102-660.
2. CONST. NEW PREFABRICATED PEDESTRIAN BRIDGE.

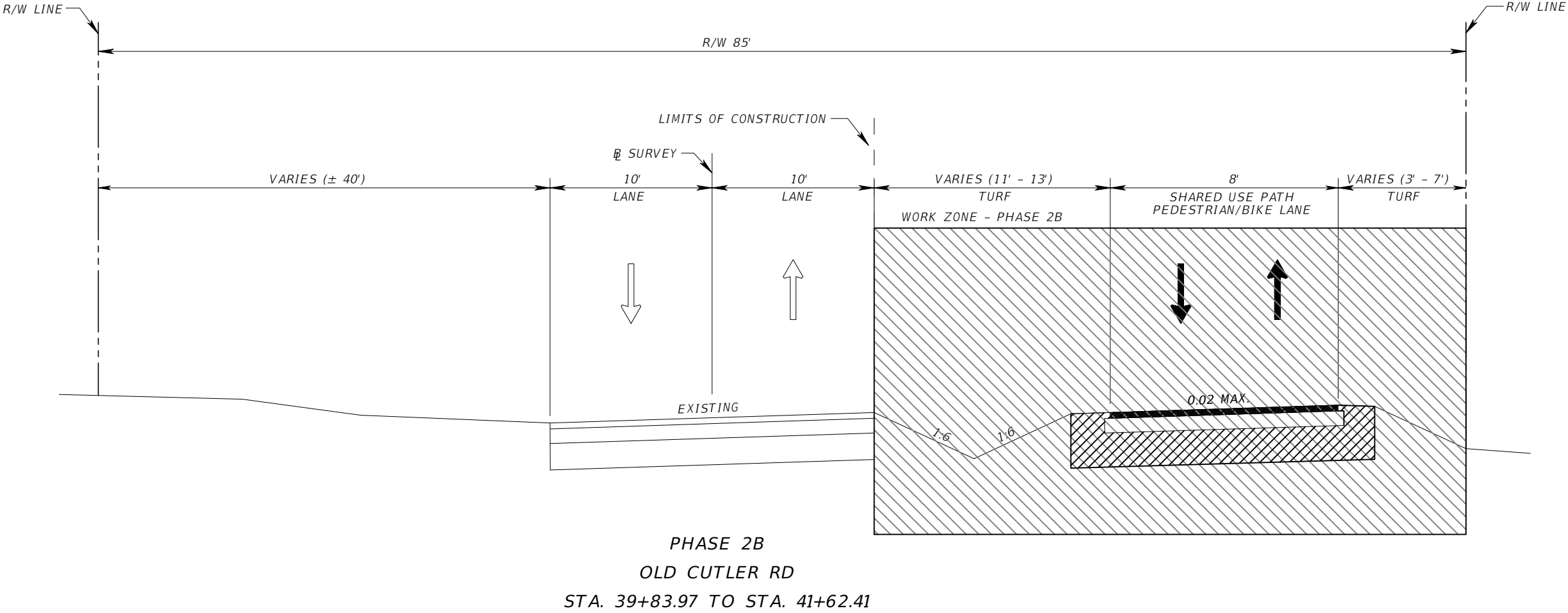
PHASE 2A

1. MAINTAIN TRAFFIC IN ACCORDANCE WITH APPLICABLE INDICES 102-601 THRU 102-603, AND 102-660.
2. CONST. DRAINAGE
3. CONST. NEW SHARED USE PATH.
4. INSTALL SHARED USE LANE MARKINGS.

PEDESTRIAN ACCESS NOTE

EXIST. SIDEWALK / BICYCLE PATH ALONG EXIST. BRIDGE SHALL BE USED AS TEMPORARY PEDESTRIAN ACCESS AND SHALL REMAIN OPEN UNTIL NEW PEDESTRIAN BRIDGE AND NEW PATH HAS BEEN CONSTRUCTED.



REVISIONS			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010</div> <div>CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271</div>	<div></div>	NAME	DATE		NAME	DATE	<div><div><div>MIAMI-DADE</div><div>COUNTY</div></div><div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div></div>	<div>TEMPORARY TRAFFIC CONTROL PLANS (2 OF 3)</div>	
DATE	BY	DESCRIPTION			DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.			01/16/20
					CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.			01/16/20
					SUPERVISED BY: JUAN A. SOBRINO, PE							



CONSTRUCTION PHASING

PHASE 2B

1. MAINTAIN TRAFFIC IN ACCORDANCE WITH APPLICABLE INDICES 102-601 THRU 102-603, AND 102-660.
2. CONST. DRAINAGE
3. CONST. NEW SHARED USE PATH.
4. INSTALL SHARED USE LANE MARKINGS.

R E V I S I O N S			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010 CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271</div> <div></div>	NAME	DATE		NAME	DATE	<div><div>MIAMI-DADE COUNTY</div><div></div></div> <div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div>	<div>TEMPORARY TRAFFIC CONTROL PLANS (3 OF 3)</div>	
DATE	BY	DESCRIPTION		DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.			01/16/20
				CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.			01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE											

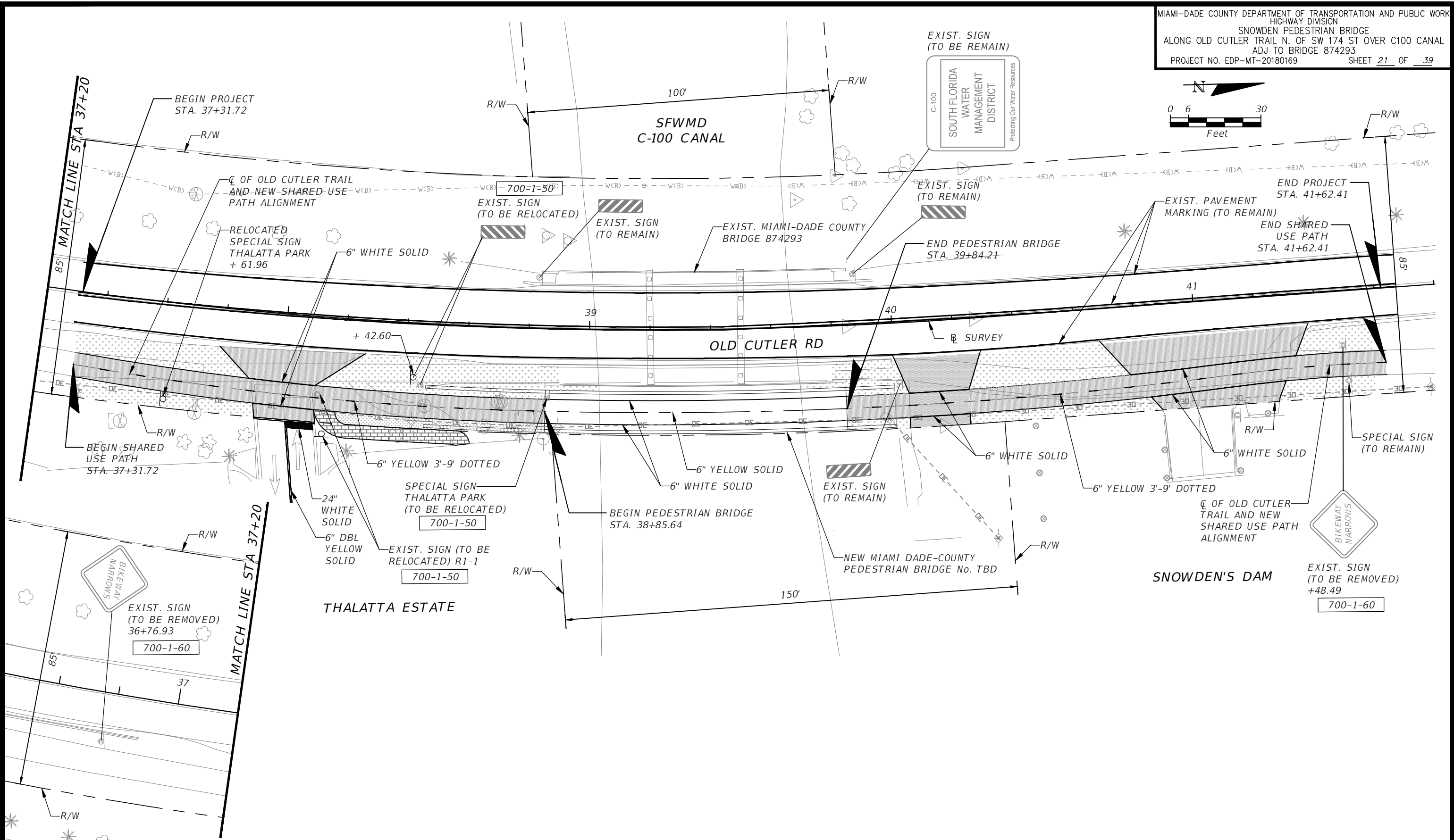
TABULATION OF QUANTITIES																					
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL		
			20																		
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	3														3		3		
0700 1 60	SINGLE POST SIGN, REMOVE	AS	2														2		2		
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	10														10		10		
0711 11241	THERMOPLASTIC,STD,YELLOW, DOT / GUIDE, 6"	GM	0.086														0.086		0.086		
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SOLID, 6"	GM	0.078														0.078		0.078		
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.019														0.019		0.019		

SIGNING AND PAVEMENT MARKINGS NOTES:

1. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE AS PER THE REQUIREMENTS OF THE MIAMI-DADE COUNTY PUBLIC WORKS MANUAL, MUTCD, FDOT STANDARD PLANS FOR ROAD CONSTRUCTION AND SPECIFICATIONS LATEST EDITION, FLORIDA BUILDING CODE 2017, 6TH EDITION AND ANY APPLICABLE GOVERNING AGENCY.
2. EXIST. PAVEMENT MARKINGS THAT ARE TO BE REPLACED WITH PROP. PAVEMENT MARKINGS SHALL BE CONSIDERED CONFLICTING PAVEMENT MARKINGS AND SHALL BE REMOVED AT CONTRACTOR'S EXPENSE.
3. RELOCATED SIGNS MUST MEET CURRENT INSTALLATION CRITERIA.
4. SUBMIT A LIST OF THE EXISTING SIGNS TO THE ENGINEER AT THE PRE-CONSTRUCTION CONFERENCE.

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
SNOWDEN PEDESTRIAN BRIDGE
ALONG OLD CUTLER TRAIL N. OF SW 174 ST OVER C100 CANAL
ADJ TO BRIDGE 874293
PROJECT NO. EDP-MT-20180169 SHEET 20 OF 39

R E V I S I O N S			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010</div> <div>PEDELTA</div> <div>CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271</div>		NAME	DATE		NAME	DATE	<div>MIAMI-DADE COUNTY</div> <div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div>	SIGNING AND PAVEMENT MARKING NOTES
DATE	BY	DESCRIPTION		DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20		
				CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20		
				SUPERVISED BY: JUAN A. SOBRINO, PE							



REVISIONS		
DATE	BY	DESCRIPTION

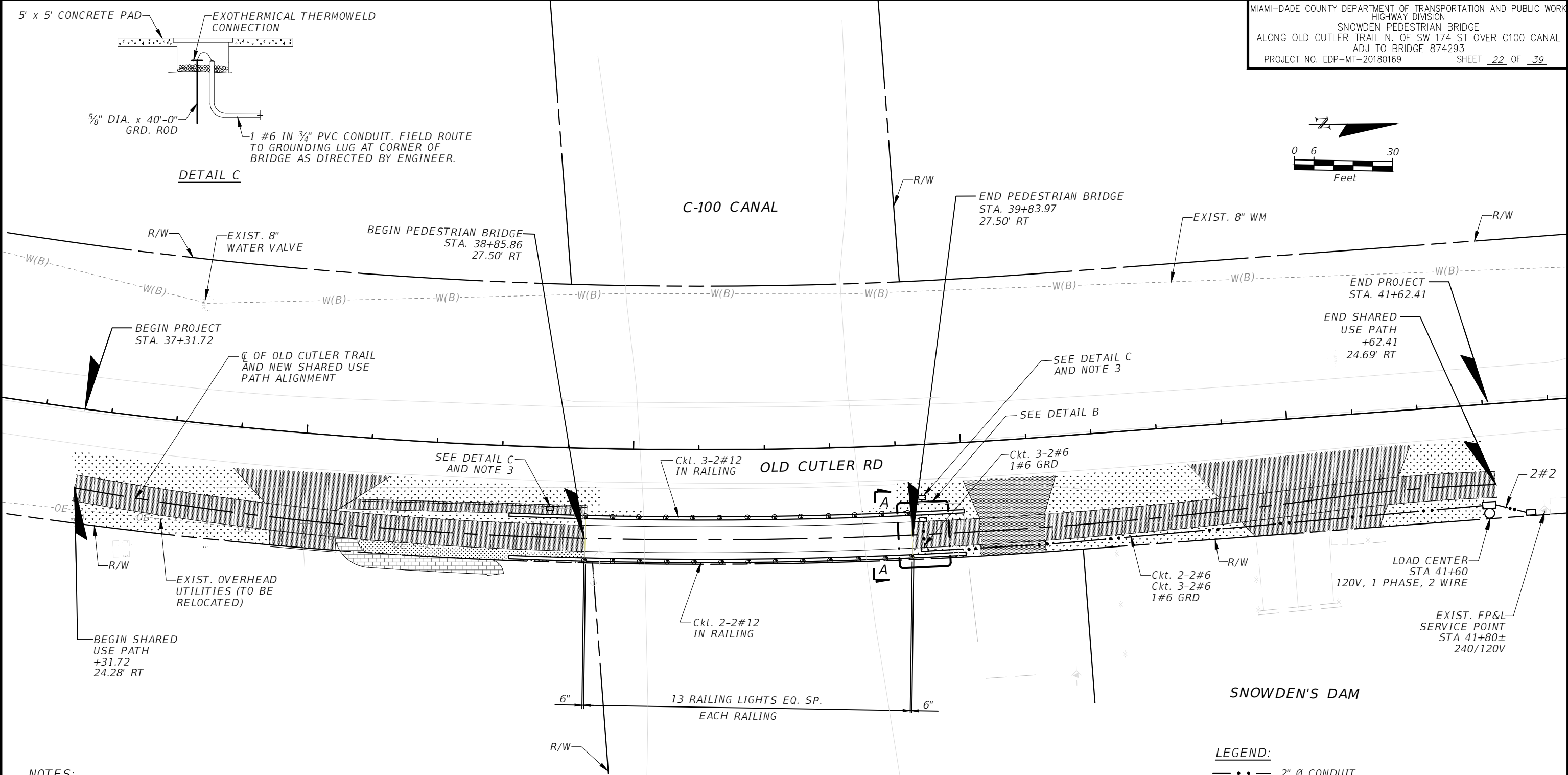
PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010

CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: ADRIAN ROBAINA, PE
P.E. LICENSE # 82271

NAME	DATE	NAME	DATE
DESIGNED BY M.C.	01/16/20	DRAWN BY G.T.	01/16/20
CHECKED BY J.S.	01/16/20	CHECKED BY V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE			

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

SIGNING AND PAVEMENT
MARKING PLAN



NOTES:

1. FOR SECTION A-A SEE SHEET 23.
2. FOR DETAIL B, SEE SHEET 24.
3. 13" x 24" PULL BOX WITH 5' x 5" CONCRETE PAD AND 5/8" Ø x 40' GROUND ROD TO GROUND THE BRIDGE. FOR CONCRETE PAD SEE INDEX 715-001. COST OF CONCRETE PAD AND GROUND ROD TO BE INCLUDED WITH PRICE OF THE PULL BOX.

LEGEND:

- 2" Ø CONDUIT
- 13" x 24" PULL BOX WITH CONCRETE PAD AND 5/8" Ø x 20' GROUND ROD. FOR CONCRETE PAD SEE INDEX 715-001 SIZED AS DIRECTED BY ENGINEER. COST OF GROUND ROD AND CONCRETE PAD TO BE INCLUDED WITH PRICE OF THE PULL BOX.
- ⊞ LOAD CENTER

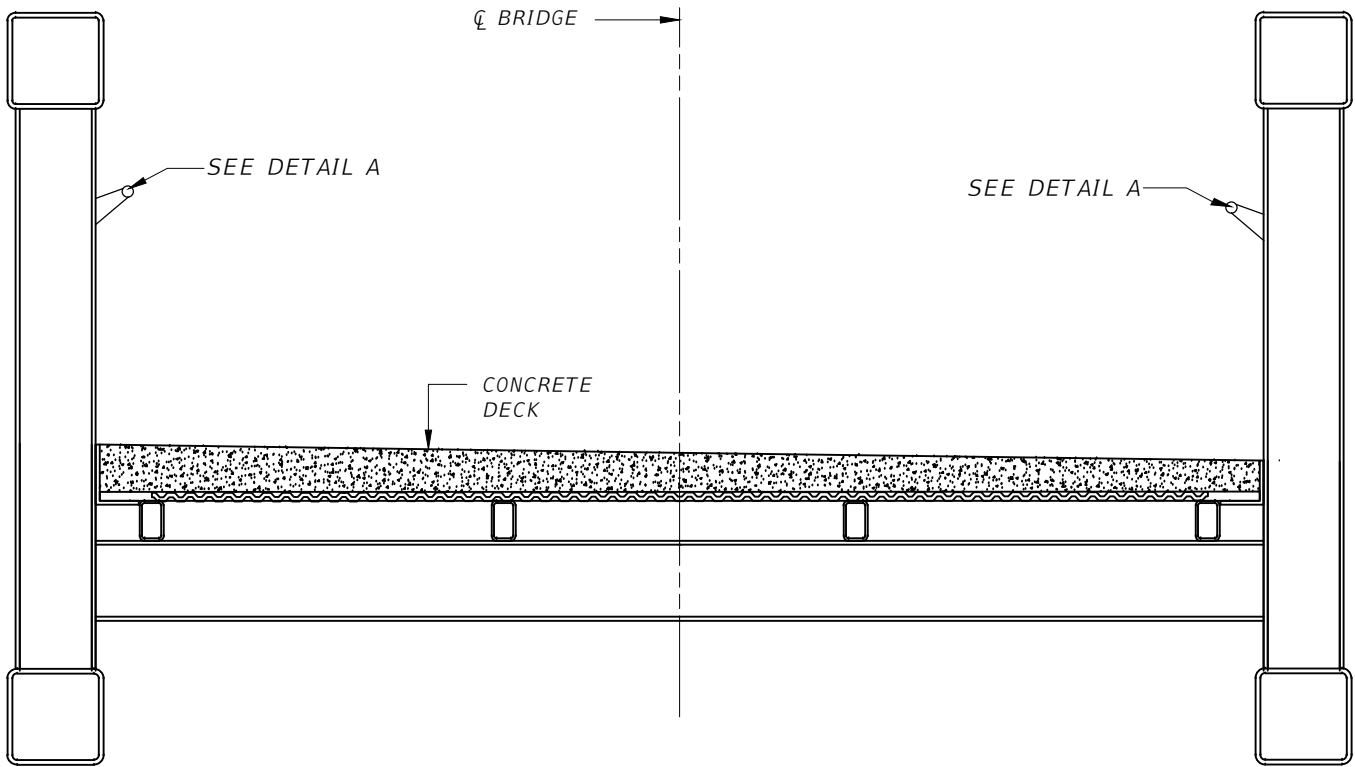
REVISIONS		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: ADRIAN ROBAINA, PE
P.E. LICENSE # 82271

	NAME	DATE		NAME	DATE
DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					

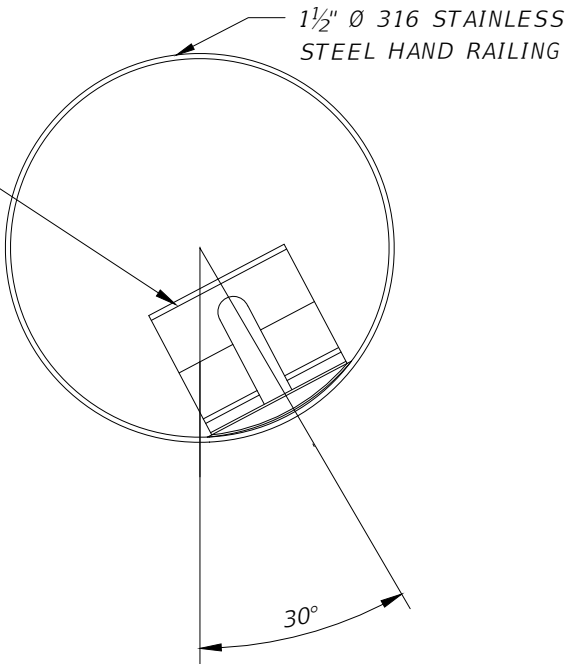
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

LIGHTING PLAN



SECTION A-A
(TYPICAL BRIDGE SECTION)
N.T.S.

ALPHABET LIGHTING
STATIC WHITE STANDARD BEAM
ZETA 750S 27K VA ASYMMETRIC 70°
PUCK HANDRAIL LIGHT OR APPROVED EQUAL



DETAIL A
(LEFT RAILING SHOWN)
(RIGHT RAILING SIMILAR)
N.T.S.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS	
			PLAN	FINAL
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	100	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE (SEE PAY ITEM NOTE 1)	LF	200	
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	5	
715-1-11	LIGHTING CONDUCTORS, INSULATED, NO. 10 OR < (SEE PAY ITEM NOTE 2)	LF	500	
715-1-12	LIGHTING CONDUCTORS, INSULATED, NO. 8 TO 6	LF	1200	
715-1-13	LIGHTING CONDUCTORS, INSULATED, NO. 4 TO 2	LF	150	
715-7-11	LOAD CENTER, F&I SECONDARY VOLTAGE	EA	1	
	STAINLESS STEEL RAILING WITH LUMINAIRE (SEE PAY ITEM NOTE 3)	EA	2	

PAY ITEM NOTES:

- 1: PAY ITEM 630-2-12 (DIRECTIONAL BORE) INCLUDES COST OF CONDUIT PLACED UNDER EXISTING PAVEMENT (ROADWAY, DRIVEWAY OR SIDEWALKS) WHETHER BY DIRECTIONAL BORE OR OPEN TRENCH.
- 2: PAY ITEM 715-1-11 (LIGHTING CONDUCTOR, INSULATED, NO. 10 OR < INCLUDES THE CONDUCTORS IN THE RAILINGS.
- 3: PAY ITEM "RAILING WITH LUMINAIRE" SHALL INCLUDE THE COST OF ALL MATERIALS AND THE INSTALLATION OF THE RAILINGS LUMINAIRES, THE LED DRIVER, ETC.

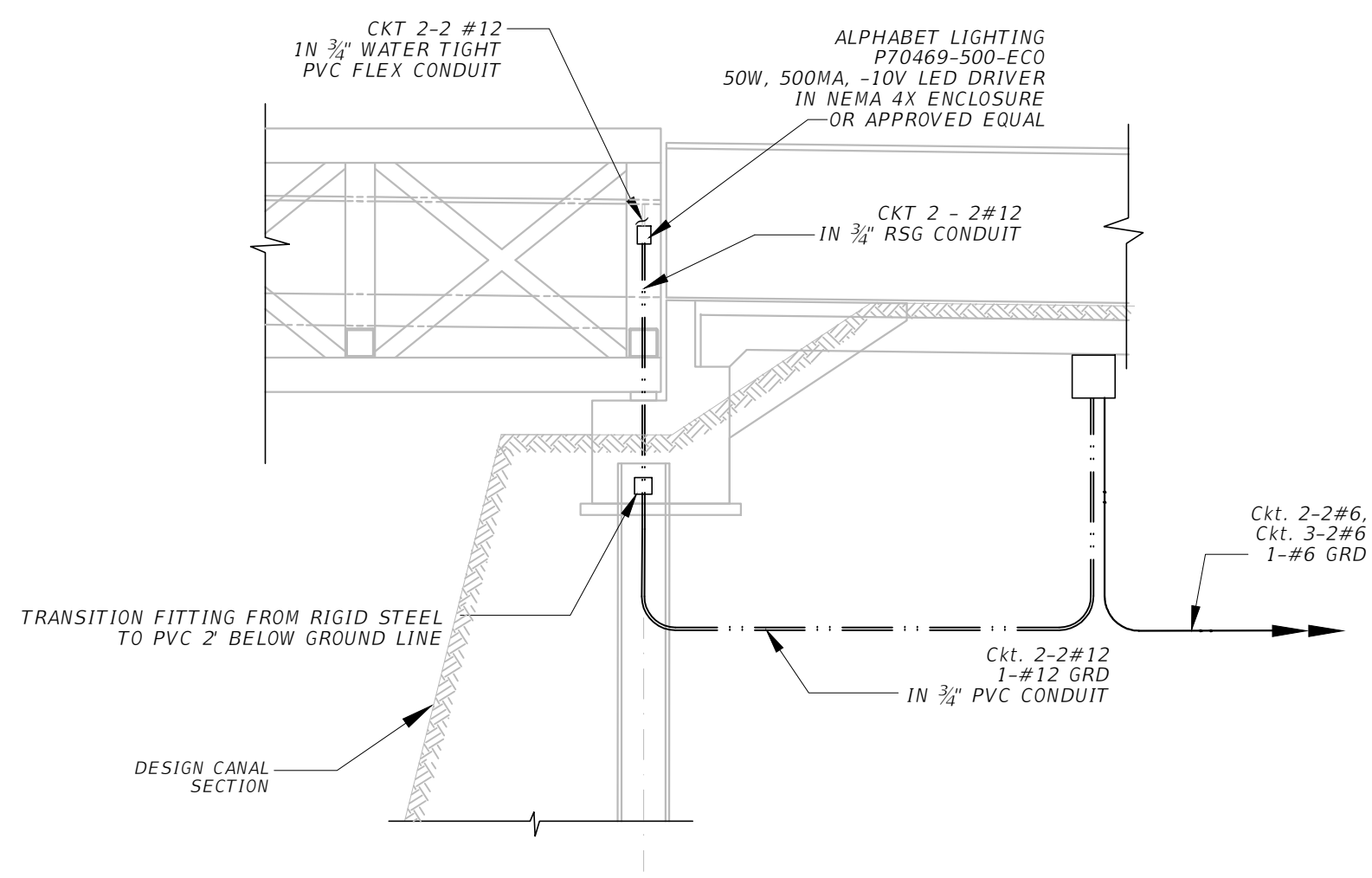
REVISIONS			RANDALL C. WRIGHT, P.E. P.E. LICENSE NUMBER 62099 CH PREZ AND ASSOCIATES 9594 NW 41 STREET, SUITE 201 DORAL, FLORIDA 33178 CERTIFICATE OF AUTHORIZATION 25976
DATE	BY	DESCRIPTION	

	NAME	DATE		NAME	DATE
DESIGNED BY	R.C.W.	09/11/19	DRAWN BY	R.C.W.	09/16/19
CHECKED BY	R.C.W.	09/13/19	CHECKED BY	R.C.W.	09/17/19
SUPERVISED BY: RANDALL C. WRIGHT, P.E.					

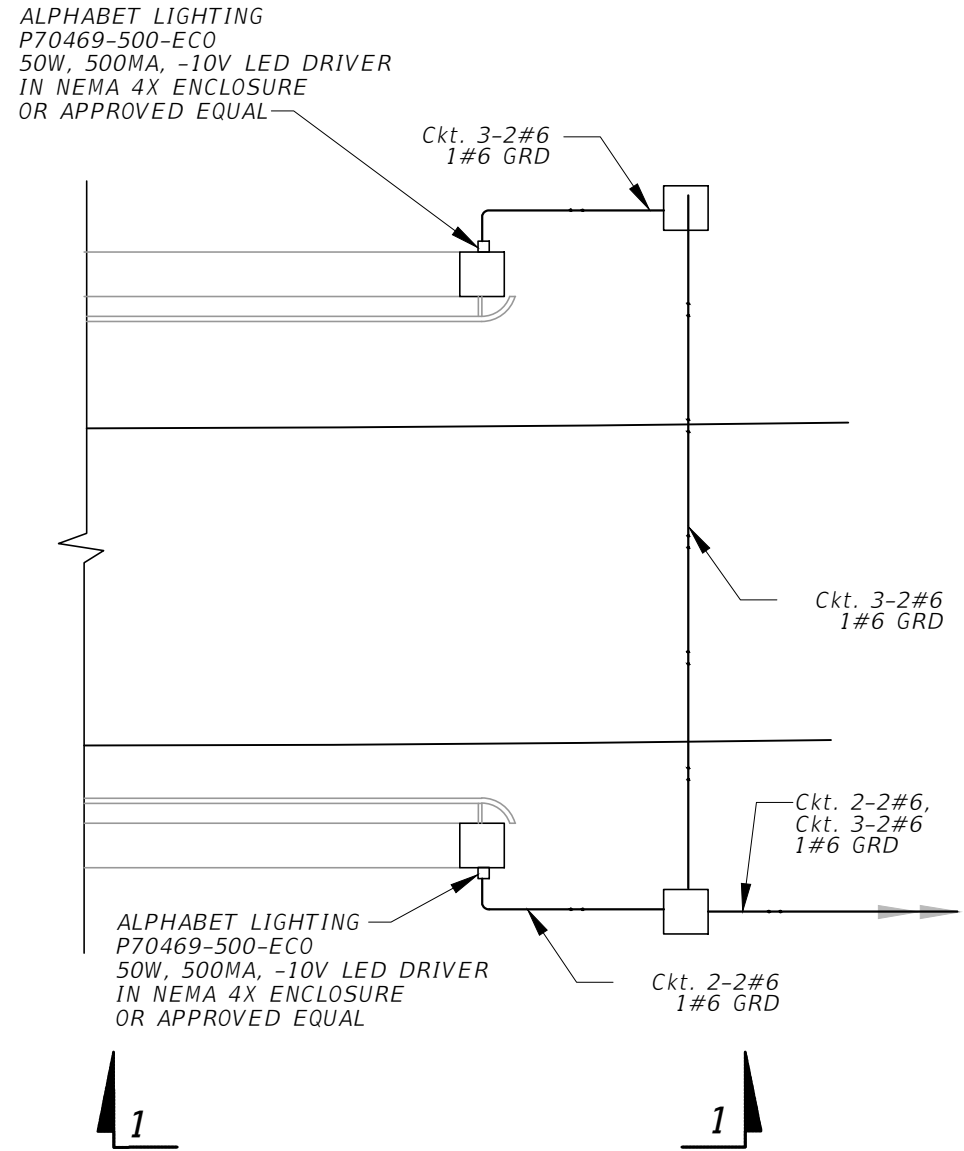
MIAMI-DADE
COUNTY

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

TABULATION OF QUANTITIES AND
MISCELLANEOUS DETAILS



ELEVATION 1 - 1
(EAST ELEVATION SHOWN)
(WEST ELEVATION SIMILAR)
N.T.S.



DETAIL B
N.T.S.

REVISIONS			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010</div> <div></div> <div>CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: ADRIAN ROBAINA, PE P.E. LICENSE # 82271</div>	<table border="1"><tr><th>DATE</th><th>BY</th><th>DESCRIPTION</th></tr><tr><td> </td><td> </td><td> </td></tr></table>						DATE	BY	DESCRIPTION				<table border="1"><tr><th>DESIGNED BY</th><th>NAME</th><th>DATE</th><th>DRAWN BY</th><th>NAME</th><th>DATE</th></tr><tr><td>CHECKED BY</td><td>M.C.</td><td>01/16/20</td><td>CHECKED BY</td><td>G.T.</td><td>01/16/20</td></tr><tr><td> </td><td>J.S.</td><td>01/16/20</td><td> </td><td>V.P.</td><td>01/16/20</td></tr></table>						DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE	CHECKED BY	M.C.	01/16/20	CHECKED BY	G.T.	01/16/20		J.S.	01/16/20		V.P.	01/16/20	<div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div> <div></div>	LIGHTING MISCELLANEOUS DETAILS
DATE	BY	DESCRIPTION																																							
DESIGNED BY	NAME	DATE		DRAWN BY	NAME	DATE																																			
CHECKED BY	M.C.	01/16/20	CHECKED BY	G.T.	01/16/20																																				
	J.S.	01/16/20		V.P.	01/16/20																																				
SUPERVISED BY: JUAN A. SOBRINO, PE																																									

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
SNOWDEN PEDESTRIAN BRIDGE
ALONG OLD CUTLER TRAIL N. OF SW 174 ST OVER C100 CANAL
ADJ TO BRIDGE 874293
PROJECT NO. EDP-MT-20180169 SHEET B-1 OF 39

A. DESIGN SPECIFICATIONS

1. *FDOT 2019 STRUCTURES MANUAL AND SUBSEQUENT STRUCTURES DESIGN BULLETINS.*
2. *AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) LOAD AND RESISTANCE FACTOR (LRFD) GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES, 2009.*
3. *AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) LOAD AND RESISTANCE FACTOR (LRFD) BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION AND ALL SUBSEQUENT INTERIMS.*
4. *LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS, 1ST EDITION 2015 AND ALL SUBSEQUENT INTERIMS.*
5. *FDOT PLANS PREPARATION MANUAL DATED JANUARY 2019 AND SUBSEQUENT ROADWAY DESIGN BULLETINS.*

B. GOVERNING STANDARDS AND CONSTRUCTION SPECIFICATIONS

FLORIDA DEPARTMENT OF TRANSPORTATION, 2019 DESIGN STANDARDS AND REVISED INDEX
DRAWINGS AS APPENDED HEREIN, AND JANUARY 2019 STANDARD SPECIFICATIONS FOR
ROAD AND BRIDGE CONSTRUCTION, AS AMENDED BY CONTRACT DOCUMENTS.

C. VERTICAL DATUM

ELEVATIONS ARE BASED ON NGVD29

D. ENVIRONMENT

<u>BRIDGE NUMBER</u>	<u>SUPERSTRUCTURE CONCRETE</u>	<u>SUBSTRUCTURE CONCRETE</u>
TBD	(SLIGHTLY AGGRESSIVE)	(MODERATELY AGGRESSIVE)

E. DESIGN METHODOLOGY

LOAD AND RESISTANCE FACTOR DESIGN (LRFD) METHOD USING STRENGTH,
SERVICE [EXTREME EVENT] AND FATIGUE LIMIT STATES.

F. DESIGN LOADINGS

1. LIVE LOADS:
 - PEDESTRIAN LIVE LOAD (PL) 90 PSF
 - MAINTENANCE VEHICLE (H10 TRUCK) 20,000 LBS
2. DEAD LOADS:
 - STEEL TRUSS 50,000 LBS
 - PEDESTRIAN/BICYCLE BULLET RAILING 36 PLF
 - REINFORCED CONCRETE 150 PCF
 - FUTURE WEARING SURFACE 15 PSF
3. CONSTRUCTION LOADS:

CONTRACTOR TO PROVIDE FORMWORK DESIGN SIGNED AND SEALED BY ENGINEER IN STATE OF FLORIDA FOR FORMWORK, CONSIDERING THE FOLLOWING:

 - FINISHING MACHINE LOAD: (PER CONTRACTOR)
 - FINISHING MACHINE WHEEL LOCATION BEYOND THE EDGE OF DECK 6 INCHES
 - CONSTRUCTION LIVE LOAD: 20 PSF EXTENDED OVER THE ENTIRE BRIDGE WIDTH AND 50-FEET IN LONGITUDINAL LENGTH CENTERED ON THE FINISHING MACHINE.
 - VELOCITY PRESSURE EXPOSURE COEFFICIENT (KZ): 1.14
4. UTILITIES: NO ALLOWANCE FOR UTILITY LOADS HAS BEEN INCLUDED IN THE DESIGN.
5. SEISMIC LOADS ARE IN ACCORDANCE WITH AASHTO SPECIFICATIONS AS MODIFIED BY "STRUCTURES DESIGN GUIDELINES", SECTION 2.3.
6. WIND LOADS ARE IN ACCORDANCE WITH AASHTO SPECIFICATIONS AS MODIFIED BY "STRUCTURES DESIGN GUIDELINES", SECTION 2.4.

G. MATERIALS

1. REINFORCING STEEL: GRADE 60 CARBON STEEL PER FDOT SPECIFICATIONS SECTION 931.

CONCRETE CLASS	MIN. 28DAY COMPRESSIVE STRENGTH (PSI)	MODULUS OF ELASTICITY (PSI)	LOCATION OF CONCRETE IN STRUCTURE
II	$F^c = 4,500$	3.9×10^6	APPROACH SLAB
IV	$F^c = 5,500$	4.3×10^6	BRIDGE DECK, SUBSTRUCTURE
V	$F^c = 6,000$	4.5×10^6	PRESTRESSED CONCRETE PILING

3. CONCRETE COVER DIMENSIONS SHOWN IN THE PLANS DO NOT INCLUDE PLACEMENT AND FABRICATION TOLERANCES UNLESS SHOWN AS "MINIMUM COVER". SEE SPECIFICATIONS SECTION 415 FOR ALLOWABLE TOLERANCES. ALL DIMENSIONS PERTAINING TO THE LOCATION OF REINFORCING STEEL ARE TO CENTERLINE OF BAR EXCEPT WHERE CLEAR DIMENSION IS NOTED TO FACE OF CONCRETE.
4. PLAIN ELASTOMERIC (NEOPRENE) BEARING PADS SHALL BE 50 DUROMETER WITH A SHEAR MODULUS, $G = .115$ KSI. FURNISH AND INSTALL PER FDOT SPECIFICATIONS.

H. DESIGN TEMPERATURES

<u>MEAN</u>	<u>RISE FROM MEAN</u>	<u>FALL FROM MEAN</u>	<u>RANGE</u>
70° F	35° F	35° F	70° F

COEFFICIENT OF THERMAL EXPANSION = $6.0 \times 10^{-6} / ^\circ\text{F}$

I. CHAMFER

ALL EXPOSED EDGES AND CORNERS OF CONCRETE SHALL BE CHAMFERED $\frac{3}{4}$ "
UNLESS OTHERWISE NOTED.

J. PLAN DIMENSIONS

ALL DIMENSIONS IN THESE PLANS ARE MEASURED IN FEET EITHER HORIZONTALLY OR VERTICALLY UNLESS OTHERWISE NOTED.

K. BRIDGE FLOOR GROOVING

BRIDGE DECK AND APPROACH SLABS SHALL RECEIVE A CLASS 4 FLOOR FINISH IN ACCORDANCE WITH SECTION 400-15.2.5 OF THE FDOT SPECIFICATIONS.

L. UTILITIES

1. FOR PLAN LOCATIONS OF EXISTING UTILITIES, SEE PLAN AND ELEVATION SHEET(S) FOR DISPOSITION OF UTILITIES. ALL INVOLVED UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO STARTING WORK. UTILITIES SHOWN IN PLANS ARE AT APPROXIMATE LOCATIONS.
2. THE CONTRACTOR SHALL NOTIFY ALL INVOLVED UTILITY COMPANIES PRIOR TO STARTING WORK. EXISTING UTILITY PILE BENTS TO BE REMOVED BY UTILITY OWNER. FOR DISPOSITION OF UTILITIES, SEE ROADWAY PLANS.

M. BRIDGE NAME AND NUMBER

PLACE BRIDGE NAME, BRIDGE NUMBER, AND CANAL NAME ON OUTWARD FACE OF VERTICAL TRUSS MEMBER AT EACH BRIDGE ABUTMENT. THIS SHOULD BE VISIBLE TO PEDESTRIANS AND BICYCLISTS. PLEASE CONTACT MIAMI DADE COUNTY FOR BRIDGE NAME, BRIDGE NUMBER, AND CANAL NAME.

N. SCREEDING DECKS

SCREEED THE RIDING SURFACE OF THE BRIDGE DECK AND APPROACH SLABS TO ACHIEVE THE FINISH GRADE ELEVATIONS SHOWN IN THE PLANS. ACCOUNT FOR THEORETICAL DEFLECTIONS DUE TO SELF WEIGHT, DECK CASTING SEQUENCE, DECK FORMING SYSTEMS, CONSTRUCTION LOADS, OVERLAYS AND TEMPORARY SHORING, ETC. AS REQUIRED.

0. JOINTS IN CONCRETE



CONSTRUCTION JOINTS WILL BE PERMITTED ONLY AT THE LOCATIONS INDICATED IN THE PLANS. ADDITIONAL CONSTRUCTION JOINTS OR ALTERATIONS TO THOSE SHOWN SHALL REQUIRE APPROVAL OF THE ENGINEER.

P. EXISTING BRIDGE CONSTRUCTION CONSIDERATIONS

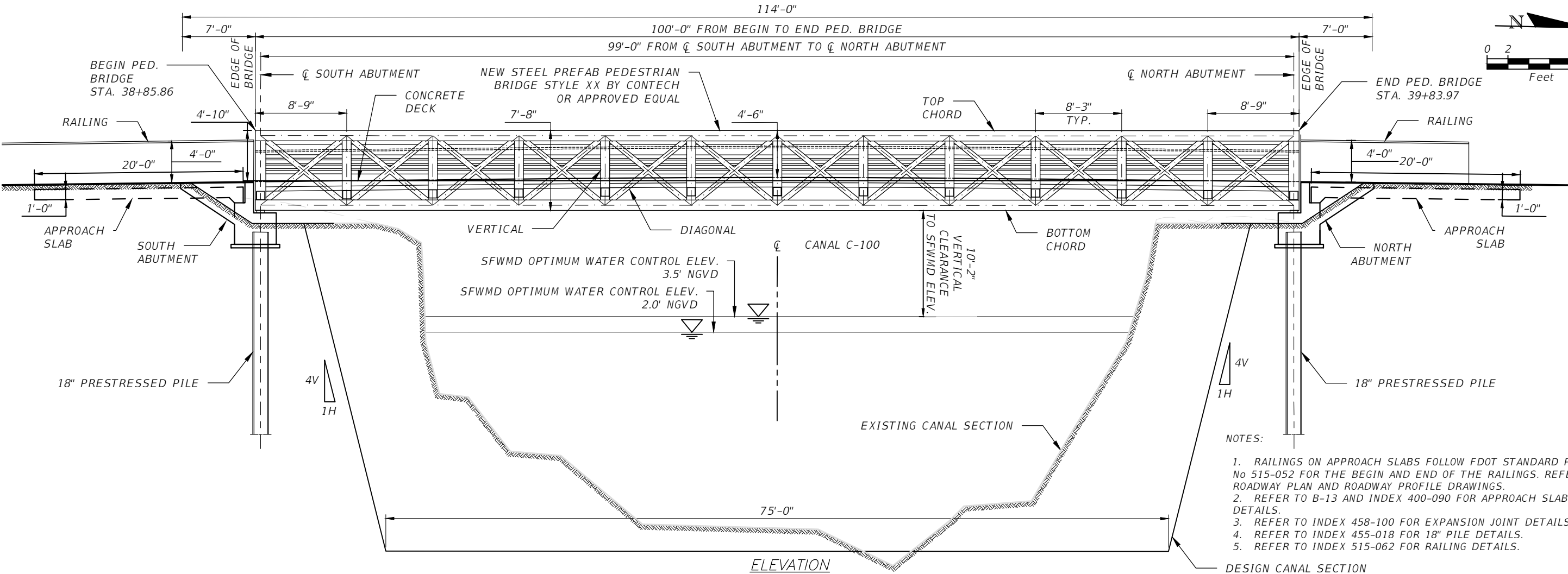
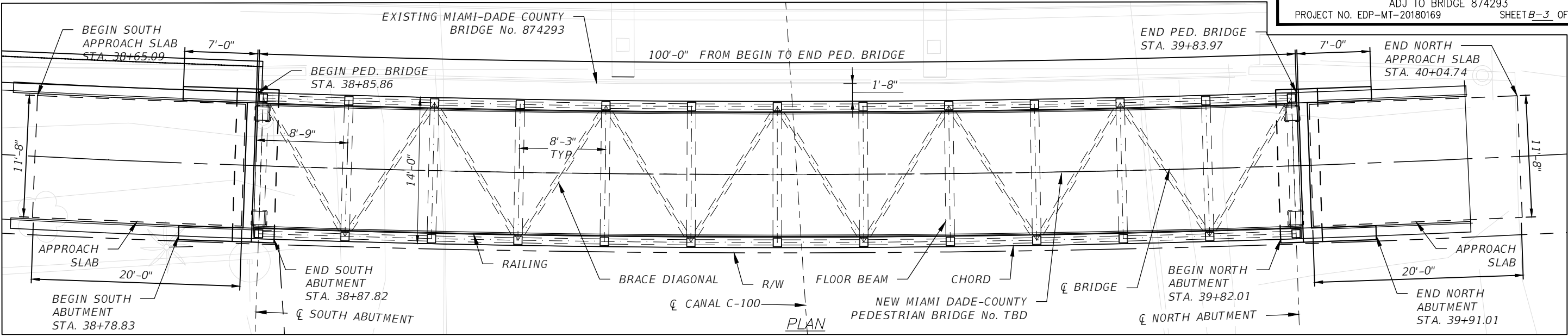
1. DIMENSION VERIFICATION: UNLESS OTHERWISE NOTED, THE DIMENSIONS, ELEVATIONS AND INTERSECTING ANGLES SHOWN ARE BASED ON THE INFORMATION AS DETAILED IN THE ORIGINAL CONSTRUCTION PLANS OF THE EXISTING BRIDGES AND MAY NOT REPRESENT AS-BUILT CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THIS DATA BEFORE BEGINNING CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
2. FOR EXISTING BRIDGE PLANS, SEE MIAMI DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PROJECT NO. 4509. (CONTAINS 13 SHEETS)

Q. TRAFFIC CONTROL PLANS

FOR MAINTENANCE OF TRAFFIC REQUIREMENTS AND DETAILS, SEE ROADWAY PLANS
SHEET NO. 16.

R E V I S I O N S			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010</div> <div></div> <div>CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: JUAN A. SOBRINO, PE P.E. LICENSE # 73121</div>		NAME	DATE		NAME	DATE	<div></div> <div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION</div> <div>STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div>	<div>PED BRIDGE STRUCTURE PLANS GENERAL NOTES</div>
DATE	BY	DESCRIPTION		DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20		
				CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20		
SUPERVISED BY: JUAN A. SOBRINO, PE											

SUMMARY OF STRUCTURE QUANTITIES -BRIDGE TBD.				
SECTION	PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITIES
EARTHWORK	125-1	EXCAVATION FOR STRUCTURES (ABUTMENTS)	CY	54
		BACKFILL (ABUTMENTS)	CY	14
FOUNDATION	455-34-3	PRESTRESSED CONCRETE PILING, 18' SQUARE	LF	200
	455-143-3	TEST PILES-PRESTRESSED CONCRETE	LF	100
SUBSTRUCTURE	400-4-5	CONCRETE CLASS IV	CY	18
	415-1-5	REINFORCING STEEL	LB	2620
	458-1-12	BRIDGE DECK EXPANSION JOINT	LF	24.2
	400147	COMPOSITE NEOPRENE BEARINGS	CF	0.5
APPROACH SLABS	400-2-10	CONCRETE CLASS II	CY	21.8
	415-1-9	REINFORCING STEEL	LB	4350
	370-1	EXPANSION JOINTS APPROACH SLABS	LF	29.4
SUPERSTRUCTURE	460-7	PREFABRICATED PEDESTRIAN-BYCYCLE STEEL TRUSS BRIDGE	SF	1080
	400-4-5	CONCRETE CLASS IV	CY	27
	415-1-4	REINFORCING STEEL	LB	5540
	460-2-15	STRUCTURAL STEEL, MISCELLANEOUS (BEARING PLATES)	LB	150



- NOTES:
1. RAILINGS ON APPROACH SLABS FOLLOW FDOT STANDARD PLAN No 515-052 FOR THE BEGIN AND END OF THE RAILINGS. REFER TO ROADWAY PLAN AND ROADWAY PROFILE DRAWINGS.
 2. REFER TO B-13 AND INDEX 400-090 FOR APPROACH SLABS DETAILS.
 3. REFER TO INDEX 458-100 FOR EXPANSION JOINT DETAILS.
 4. REFER TO INDEX 455-018 FOR 18" PILE DETAILS.
 5. REFER TO INDEX 515-062 FOR RAILING DETAILS.

REVISIONS		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: JUAN A. SOBRINO, PE
P.E. LICENSE # 73121

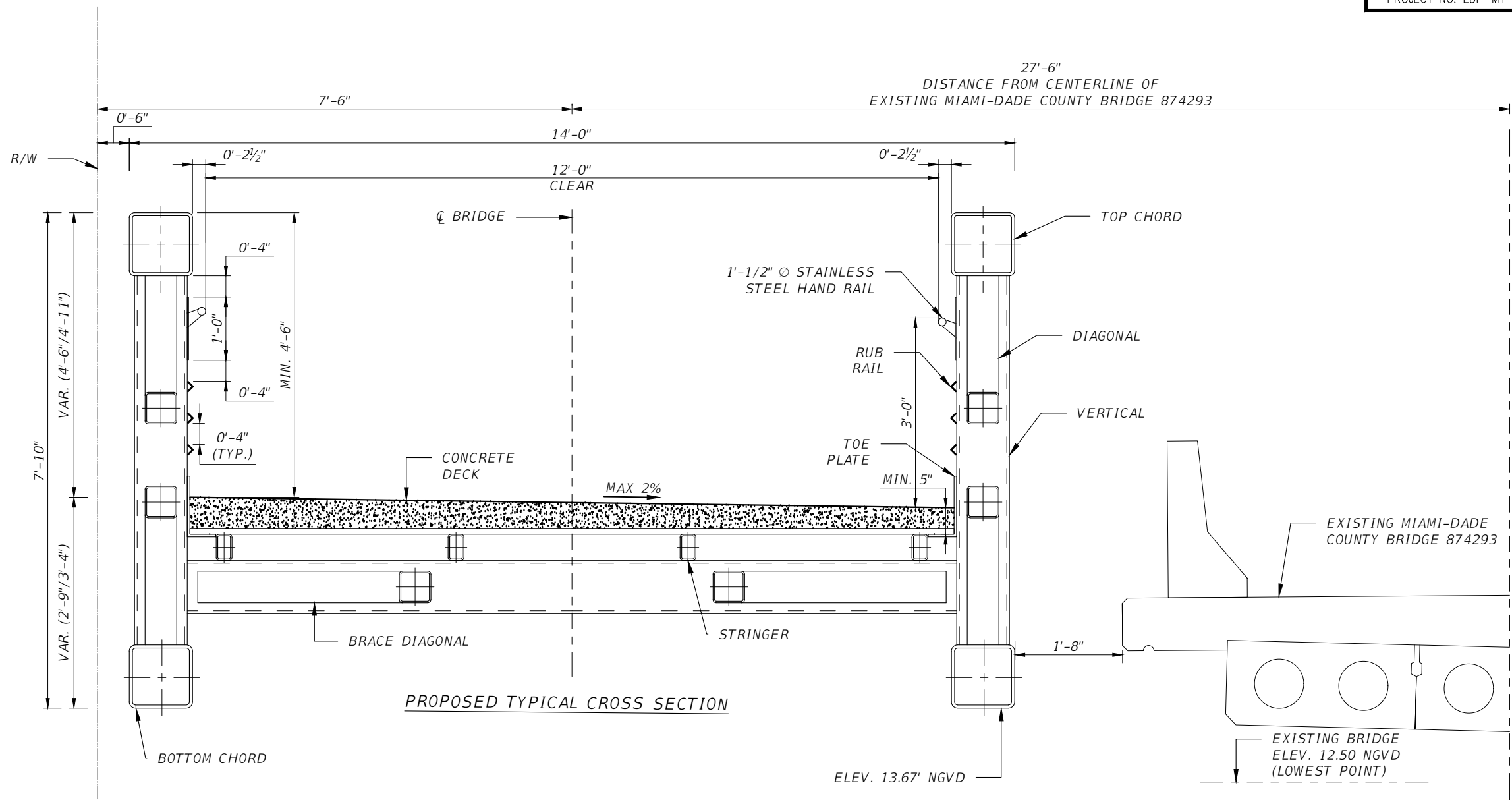
PEDELTA

NAME	DATE	NAME	DATE
DESIGNED BY: M.C.	01/16/20	DRAWN BY: G.T.	01/16/20
CHECKED BY: J.S.	01/16/20	CHECKED BY: V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE			

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

MIAMI-DADE COUNTY

PED BRIDGE STRUCTURE PLANS
PLAN AND ELEVATION



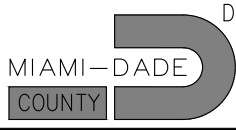
NOTES:
GROUNDING LUGS TO BE PROVIDED AT EACH
CORNER END POST. TO BE DESIGN BY OTHERS.

R E V I S I O N S		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: JUAN A. SOBRINO, PE
P.E. LICENSE # 73121

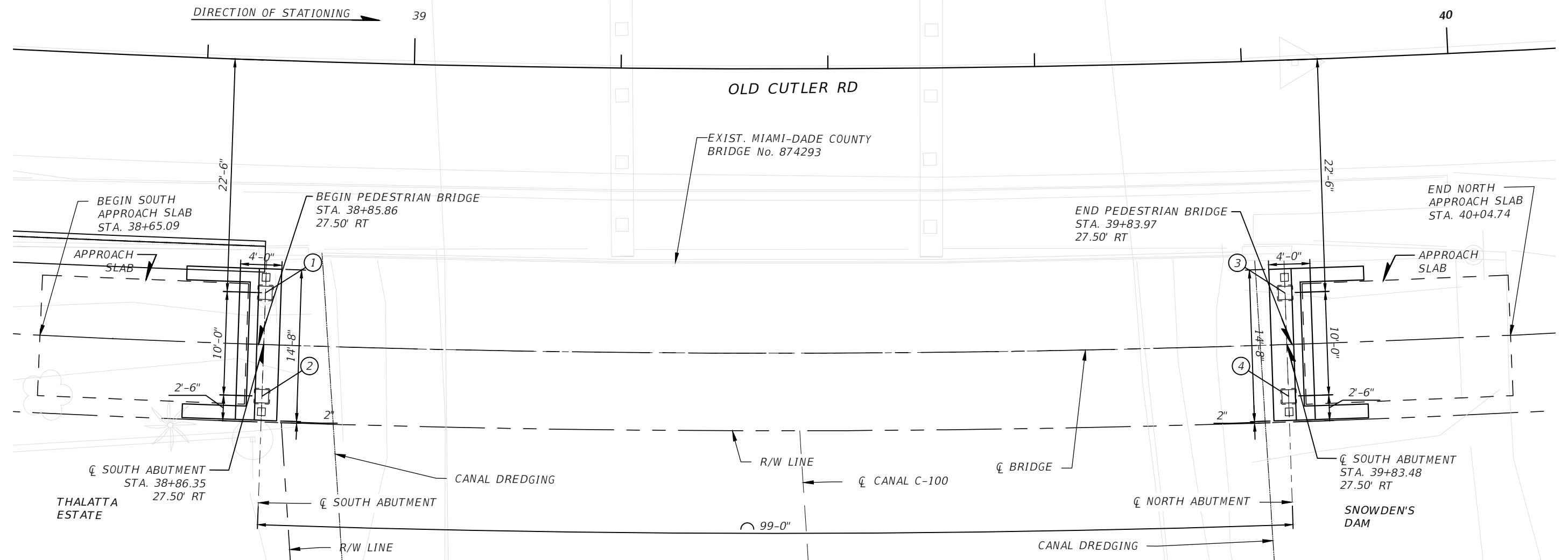


	NAME	DATE		NAME	DATE
DESIGNED BY	M.C.	01/16/20	DRAWN BY	G.T.	01/16/20
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					



DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

PED BRIDGE STRUCTURE PLANS
TYPICAL CROSS SECTION



- LEGEND:
- 18" SQ PILE
- NOTES:
1. FOR FOUNDATION NOTES, SEE SHEET B-06
 2. CONTRACTOR TO COORDINATE WITH FPL TO RELOCATE.
 3. REFER TO B-13 AND INDEX 400-090 FOR APPROACH SLAB DETAILS.
 4. REFER TO INDEX 455-018 FOR 18" PILE DETAILS.

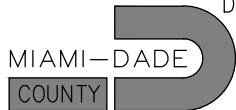
TABLE A		
WORK POINTS	COORDINATES	
	X	Y
PILE 1	883,486.578	464,701.495
PILE 2	883,496.553	464,700.911
PILE 3	883,488.969	464,800.105
PILE 4	883,498.960	464,800.205

REVISIONS		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: JUAN A. SOBRINO, PE
P.E. LICENSE # 73121



DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					



DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

PED BRIDGE STRUCTURE PLANS
FOUNDATION LAYOUT

PILE DATA																	
INSTALLATION CRITERIA								DESIGN CRITERIA								PILR CUT-OFF ELEVATIONS	
BENT NAME	PILE SIZE (in)	NOMINAL BEARING RESISTANCE (tons)	NOMINAL UPLIFT RESISTANCE (tons)	MINIMUM TIP ELEVATION (ft.)	TEST PILE LENGHT (ft.)	REQUIRED JET ELEVATION (ft.)	REQUIRED PREFORM ELEVATION (ft.)	FACTORED DESIGN LOAD (tons)	FACTORED DESIGN UPLIFT LOAD (tons)	DOWN DRAG (tons)	TOTAL SCOUR RESISTANCE (tons)	NET SCOUR RESISTANCE (tons)	100-YEAR SCOUR ELEVATION (ft.)	⊙ FACTOR COMPRESSION	⊙ UPLIFT	PILE 1	PILE 2
SOUTH	18	80	N/A	- 31	50	N/A	25	60	N/A	N/A	N/A	N/A	N/A	0.75		1	2
NORTH	18	80	N/A	- 31	50	N/A	25	60	N/A	N/A	N/A	N/A	N/A	0.75		1	2


GENERAL NOTES:

1. NOMINAL BEARING RESISTANCE (NBR) > (FACTORED DESIGN LOAD + NET SCOUR + DOWNDRAG) / 0).
2. UPLIFT RESISTANCE = THE ULTIMATE SIDE FRICTION CAPACITY THAT MUST BE OBTAINED BELOW THE 100-YEAR SCOUR ELEVATION TO RESIST PULLOUT OF THE PILE.
3. ALL PILES ARE TO SQUARE PRESTRESSED CONCRETE PILES AND SHALL BE DRIVEN PLUMB, SEE INDEX 20600, 20601 AND 20624 FOR PILES NOTES AND DETAILS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY LOCATION OF ALL EXISTING ADOVE AND BELOWW GROUND UTILITIES PRIOR TO DRIVING PILES. FOR DISPOSITION OF EXISTING UTILITIES, SEE ROADWAY PLANS.
5. NO JETTING WILL BE ALLOWED WITHOUT THE APPROVAL OF THE ENGINEER.
6. PILE DRIVING SHALL COMMENCE CLOSEST TO EXISTING STRUCTURES AND PROCEED OUTWARD.
7. PILE DRIVING OPERATION SHALL BE IN ACCORDANCE WITH SECTION 455 OF THE FDOT PROJECT SPECIAL PROVISIONS.
8. ALL PILES SHALL BE DRIVEN TO THE REQUIRED MINIMUM TIP ELEVATION AS SHOWN ON THE PROJECT PLANS. THE MINIMUM TIP ELEVATION IS REQUIRED TO SATISFY ROCK PUNCHING SHEAR CAPACITY.
9. ALL PILES SHALL BE MONITORED WITH THE USE OF A PILE DRIVING ANALYZER (PDA) IN ACCORDANCE WITH SECTION 455 OF THE FDOT PROJECT SPECIAL PROVISIONS.
10. PILES SHALL BE DRIVEN UNTIL THE NOMINAL BEARING RESISTANCE (NBR) HAS BEEN ACHIEVED AS SHOWN IN THE PILE DATA TABLE AND SECTION 455-5.10 OF THE FDOT PROJECT SPECIAL PROVISIONS.
11. THE PILE HAMMER/DRIVING SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 455-5.2 AND 455-5.3 OF THE FDOT PROJECT SPECIAL PROVISIONS.
12. PREFORM HOLES ARE REQUIRED TO DRIVE PILES TO THE MINIMUM TIP ELEVATIONS SHOWN IN THE PILE DATA TABLE. BACKFILLING OF PREFORM HOLES AFTER DRIVING IS REQUIRED TO RESTORE THE LATERAL STABILITY OF THE PILE AND SHALL BE IN ACCORDANCE WITH SECTION 455 OF THE PROJECT SPECIAL PROVISIONS. NOTIFY THE GFDEOR IF ANY CHANGE OF PREFORMING OF DRILLED IS REQUIRED TO REACH THE MINIMUM TIP ELEVATION FOR RE-EVALUATION OF FOUNDATION STABILITY.
13. A BITUMEN COATING OR POLYETHYLENE SHEETING SHALL BE APPLIED TO THE PORTION OF CONCRETE PILING INSTALLED IN EMBANKMENTS IN ACCORDANCE WITH SECTION 459 OF THE SPECIFICATIONS.
14. THE PROVISIONS IN SECTION 108 OF THE FDOT STANDARD SPECIFICATIONS AND IN THE SETTLEMENT AND VIBRATION MONITORING PLAN (SVMP) SHALL BE FOLLOWED FOR THE PROTECTION OF THE EXISTING STRUCTURES AND NEARBY UTILITIES DURING PILE DRIVING OPERATIONS. ALL STRUCTURES AND/OR UTILITIES LOCATED ADJACENT TO THE PROPOSED PILE DRIVING OPERATIONS SHALL BE SURVEYED AS WELL AS MONITORED FOR VIBRATIONS AND SETTLEMENTS IN ACCORDANCE WITH SECTION 108 OF THE FDOT STANDARD SPECIFICATIONS AND THE APPROVED SVMP. ALSO, NOISE SHALL BE MONITORING DURING PILE DRIVING OPERATIONS IN ACCORDANCE WITH THE APPROVED NOISE MONITORING CONTROL PLAN.
15. THE CONTRACTOR SHALL ADD ADDITIONAL PILE LENGTH TO THE PILE ORDER LENGTHS AS NEEDED TO FACILITATE ACHIEVING PILE DRIVING OPERATIONS TO THE PROPOSED PILE CUT-OFF ELEVATIONS.
16. ALL ELEVATIONS ON THIS TABLE ARE WITH RESPECT TO NAVD88 DATUM.

REVISIONS

DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: JUAN A. SOBRINO, PE
P.E. LICENSE # 73121

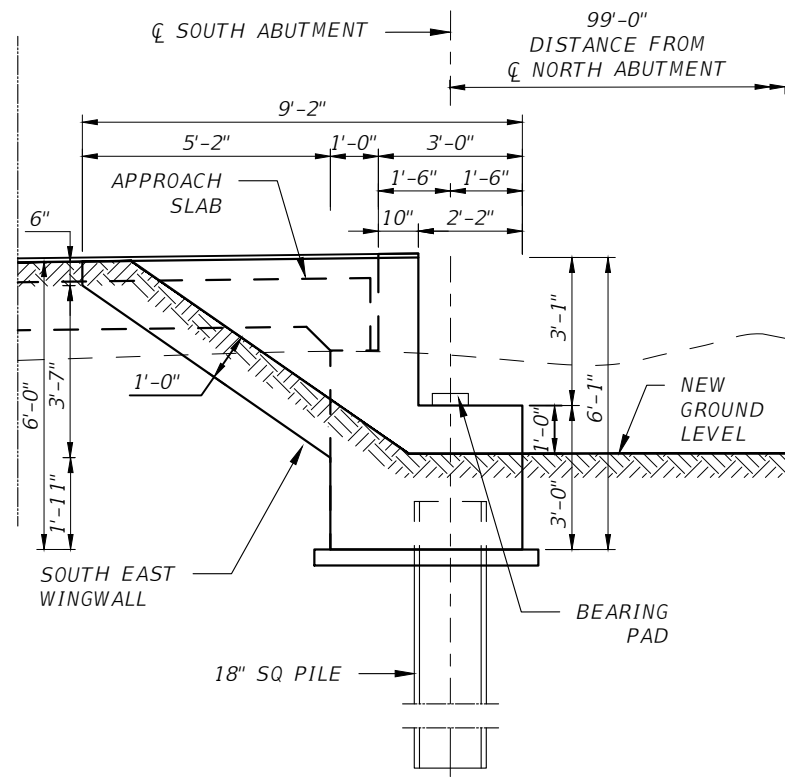


DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	M.C.	01/16/20		G.T.	01/16/20
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					

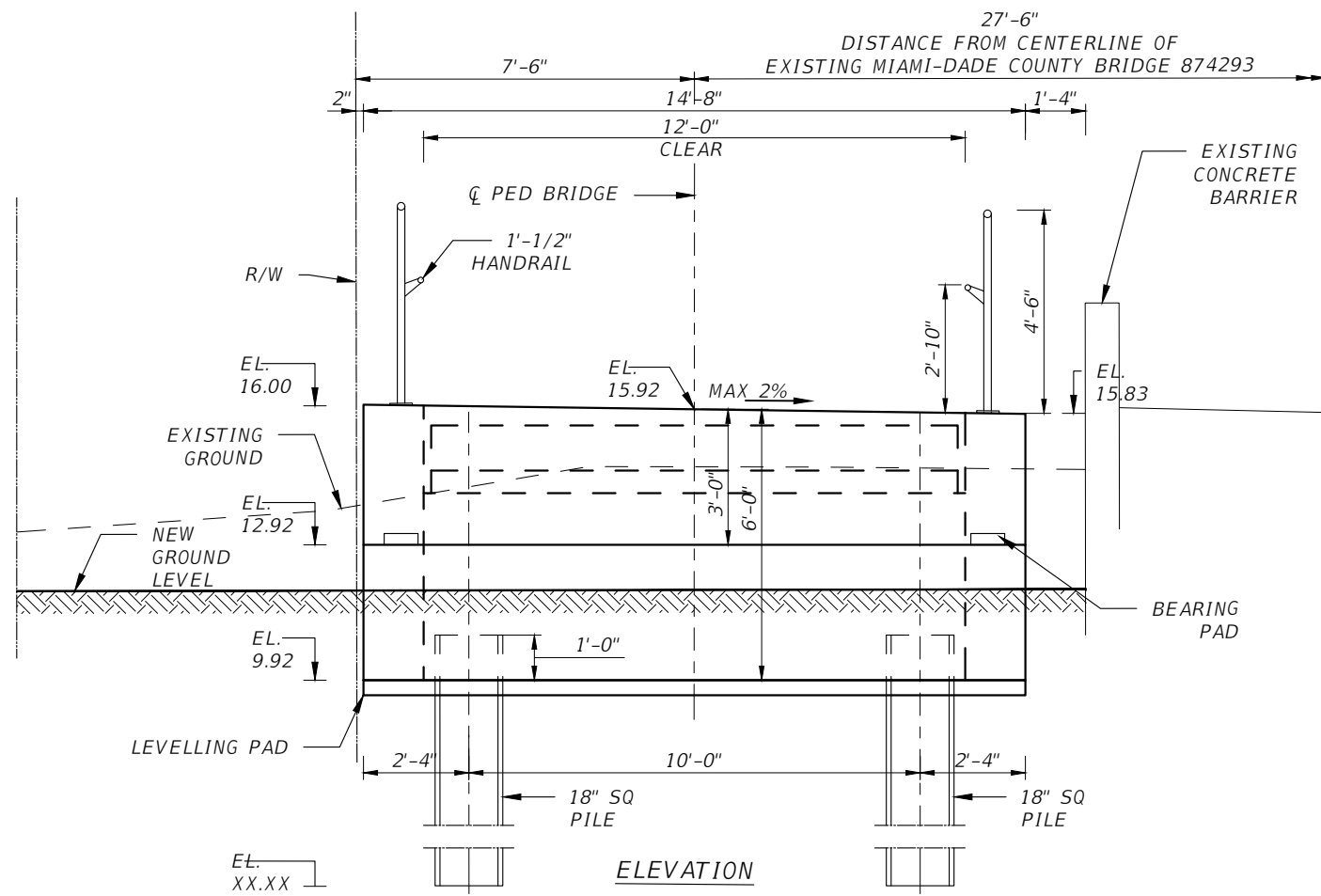
MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

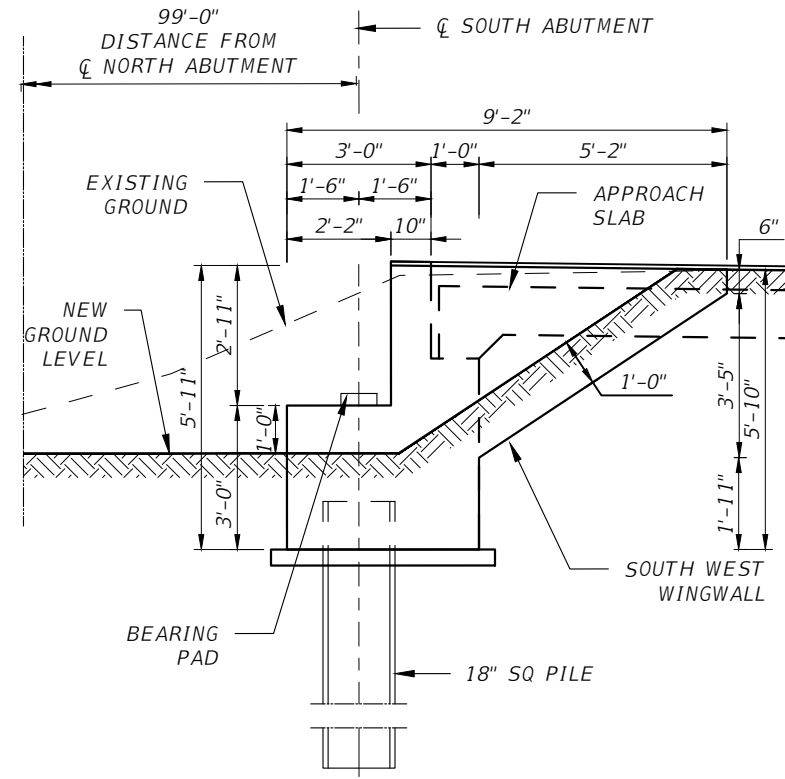
PED BRIDGE STRUCTURE PLANS
PILE DATA TABLE



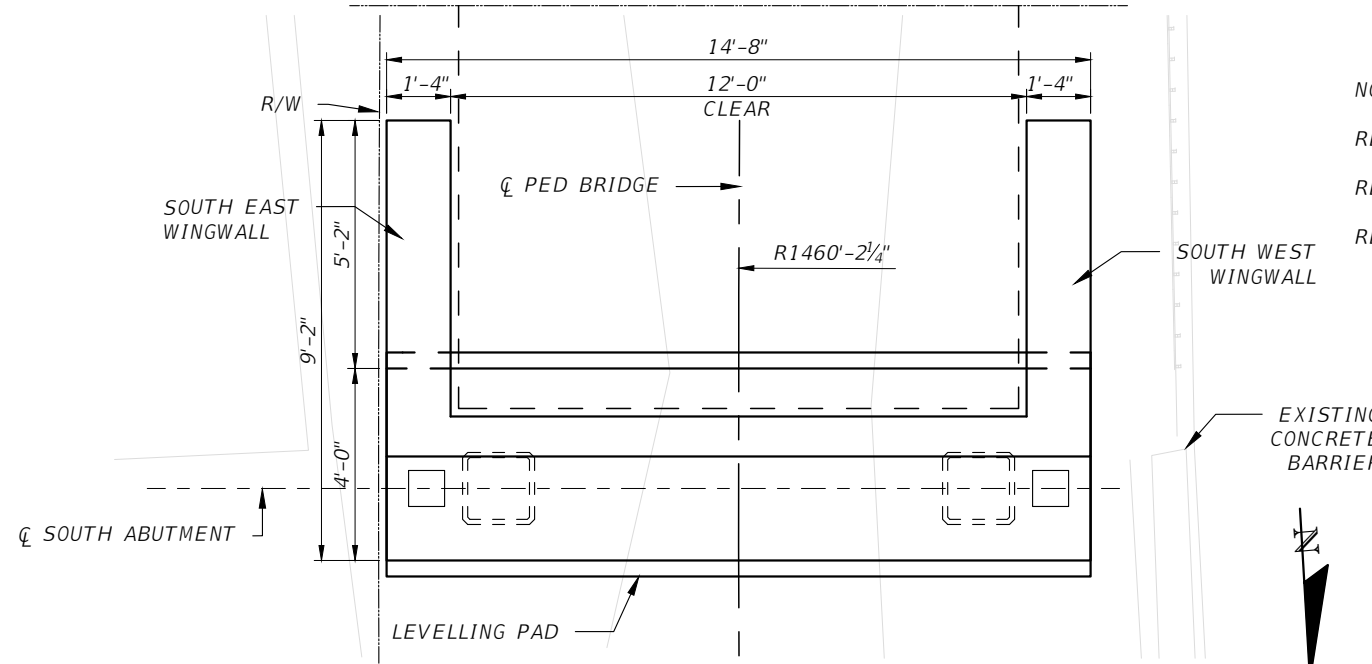
EAST SECTION VIEW



ELEVATION



WEST SECTION VIEW



PLAN VIEW

- NOTES:
- REFER TO B-13 AND INDEX 400-090 FOR APPROACH SLABS DETAILS.
 - REFER TO INDEX 458-100 FOR EXPANSION JOINT DETAILS.
 - REFER TO INDEX 455-018 FOR 18" PILE DETAILS.



REVISIONS		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: JUAN A. SOBRINO, PE
P.E. LICENSE # 73121

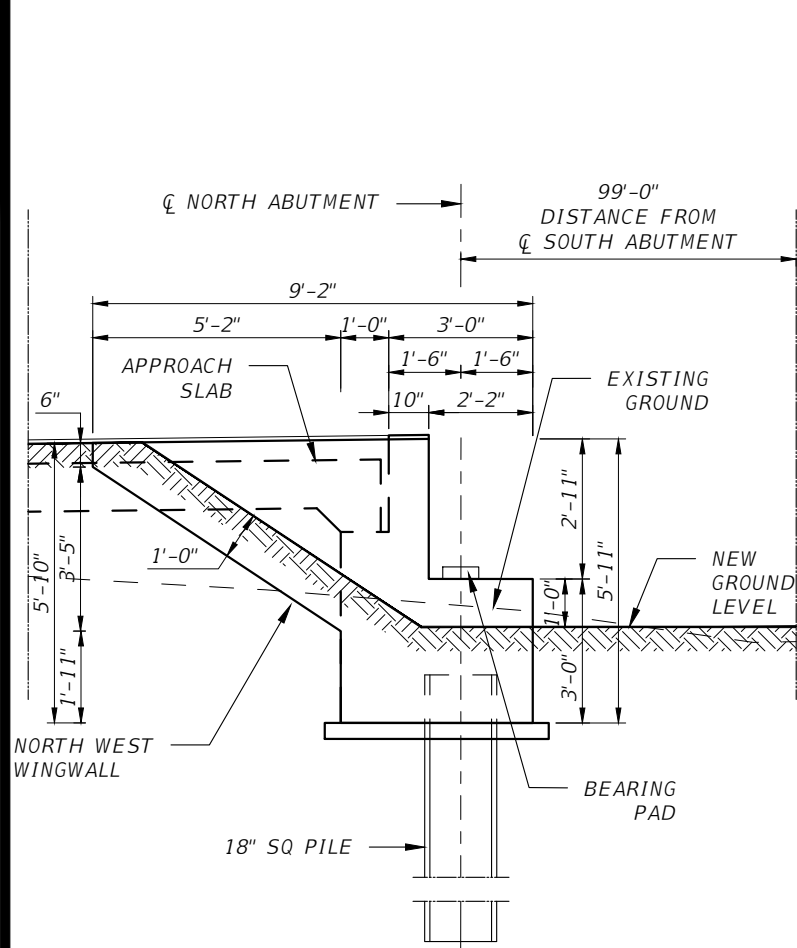
PEDELTA

NAME	DATE	NAME	DATE
DESIGNED BY M.C.	01/16/20	DRAWN BY G.T.	01/16/20
CHECKED BY J.S.	01/16/20	CHECKED BY V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE			

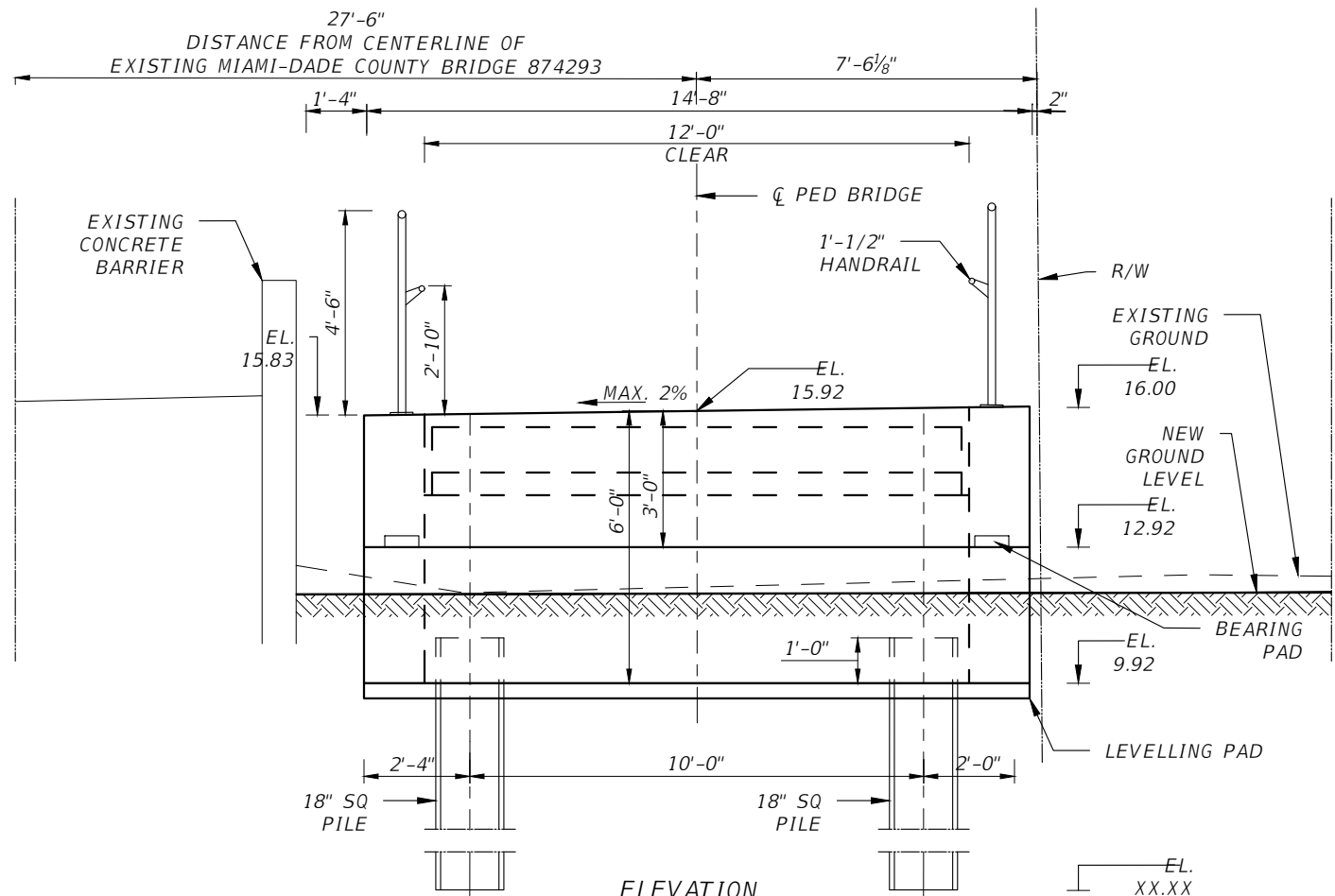
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

MIAMI-DADE COUNTY

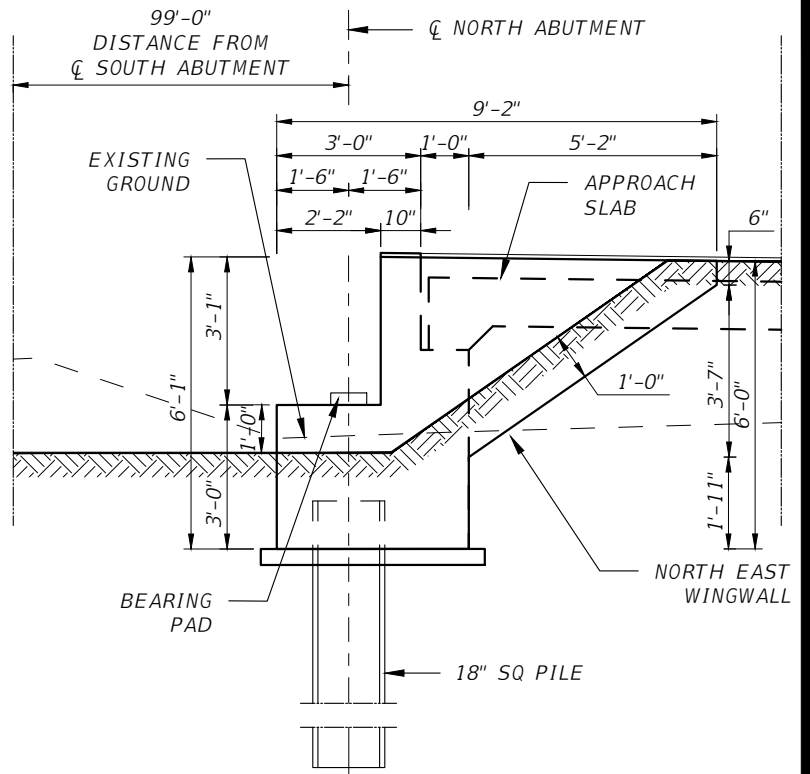
PED BRIDGE STRUCTURE PLANS
SOUTH ABUTMENT DETAILS



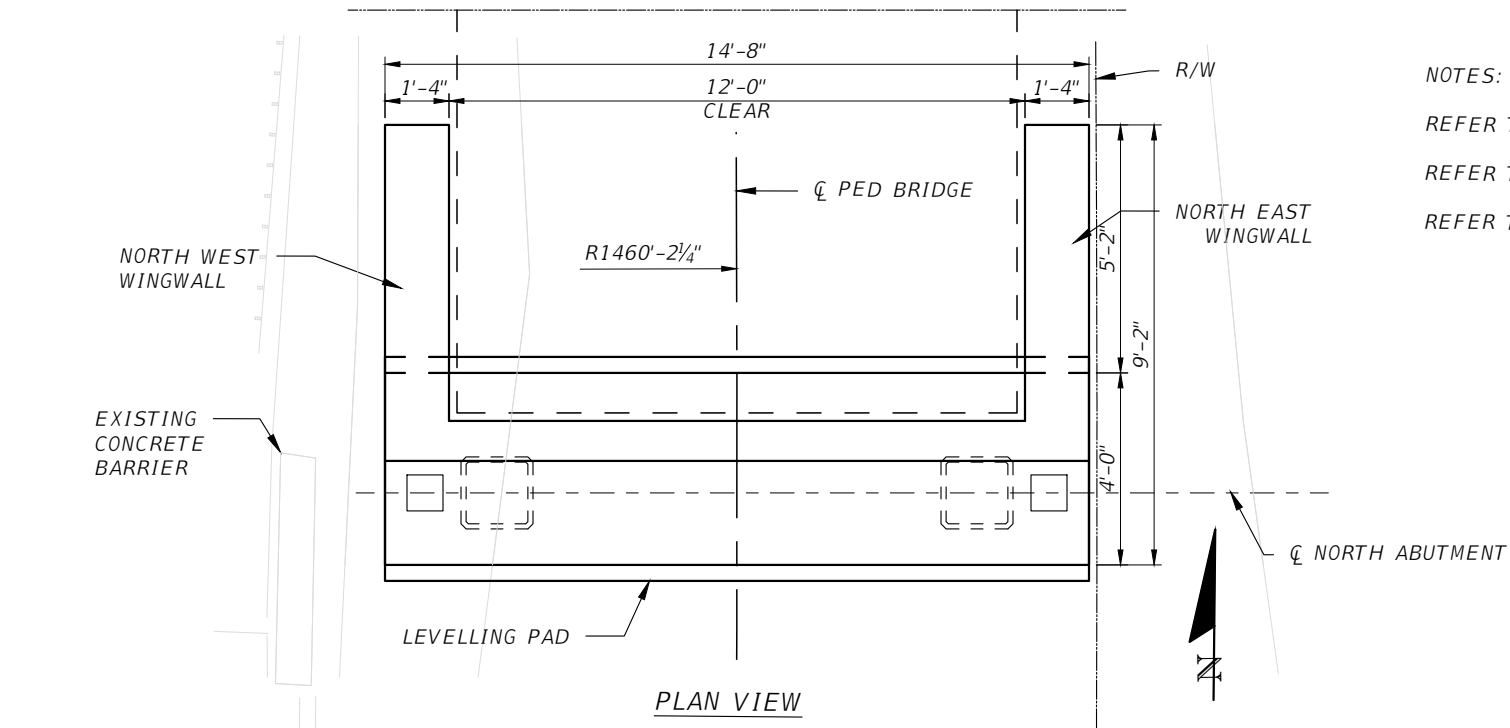
EAST SECTION VIEW



ELEVATION



WEST SECTION VIEW



PLAN VIEW

NOTES:
REFER TO B-13 AND INDEX 400-090 FOR APPROACH SLABS DETAILS.
REFER TO INDEX 458-100 FOR EXPANSION JOINT DETAILS.
REFER TO INDEX 455-018 FOR 18" PILE DETAILS.



REVISIONS		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: JUAN A. SOBRINO, PE
P.E. LICENSE # 73121

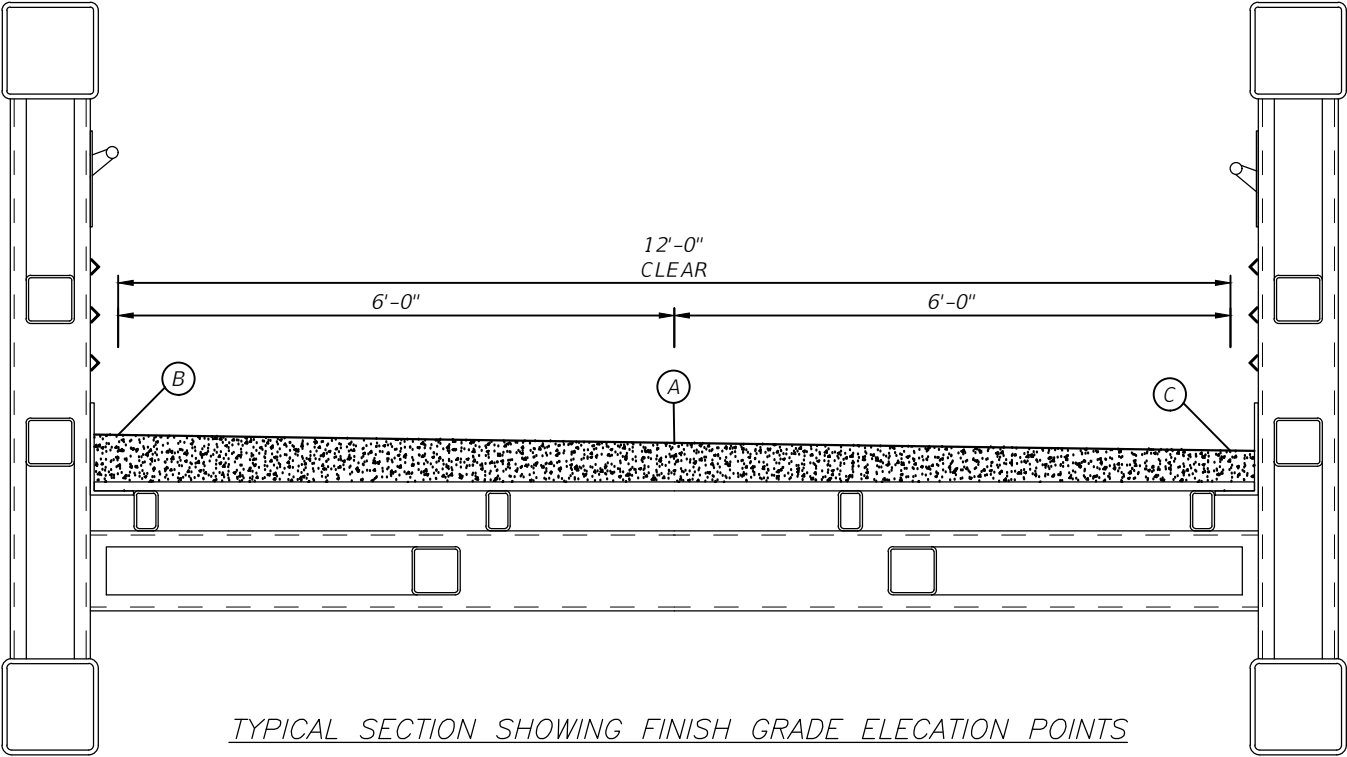
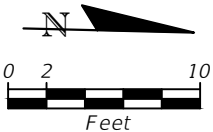
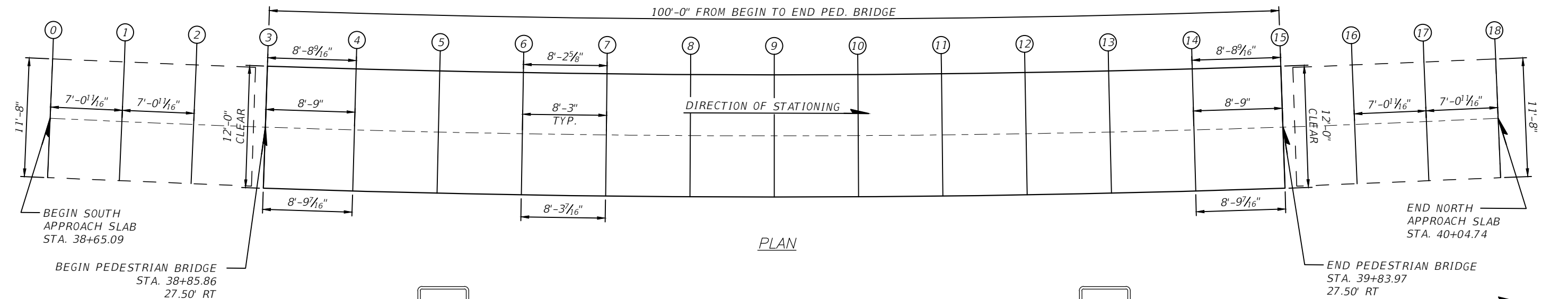
PEDELTA

NAME	DATE	NAME	DATE
DESIGNED BY	M.C.	DRAWN BY	G.T.
CHECKED BY	J.S.	CHECKED BY	V.P.
SUPERVISED BY: JUAN A. SOBRINO, PE			

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

MIAMI-DADE COUNTY

PED BRIDGE STRUCTURE PLANS
NORTH ABUTMENT DETAILS



APPROACH SLAB 1				FINISH GRADE ELEVATION														APPROACH SLAB 2			
LOCATION	0	1	2	LOCATION	3	4	5	6	7	8	9	10	11	12	13	14	15	LOCATION	16	17	18
A	16.173	16.257	16.341	A	16.427	16.514	16.597	16.677	16.759	16.810	16.827	16.810	16.760	16.677	16.597	16.515	16.427	A	16.341	16.257	16.173
B	16.252	16.336	16.420	B	16.510	16.597	16.680	16.760	16.842	16.893	16.910	16.893	16.843	16.760	16.680	16.598	16.510	B	16.420	16.336	16.252
C	16.094	16.178	16.262	C	16.344	16.431	16.514	16.594	16.676	16.727	16.744	16.727	16.677	16.594	16.514	16.432	16.344	C	16.262	16.178	16.094

REVISIONS

DATE	BY	DESCRIPTION
------	----	-------------

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010

PEDELTA

CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: JUAN A. SOBRINO, PE
P.E. LICENSE # 73121

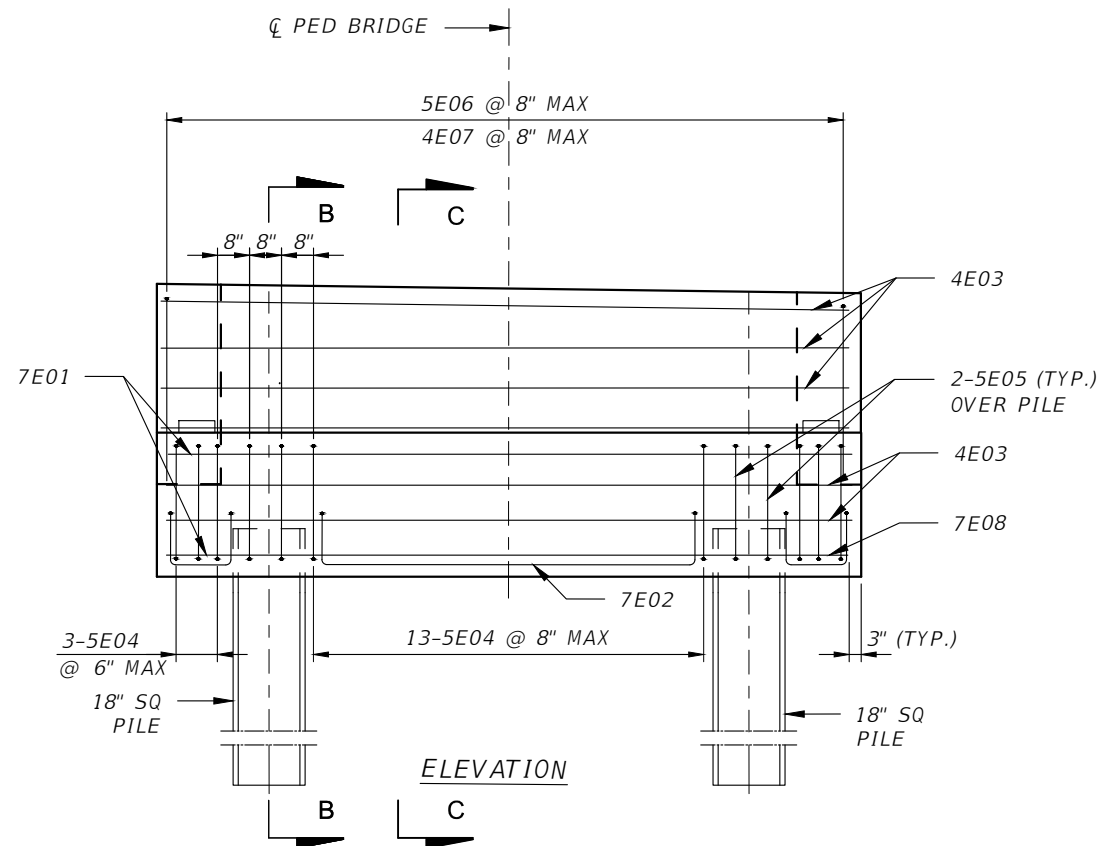
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20

SUPERVISED BY: JUAN A. SOBRINO, PE

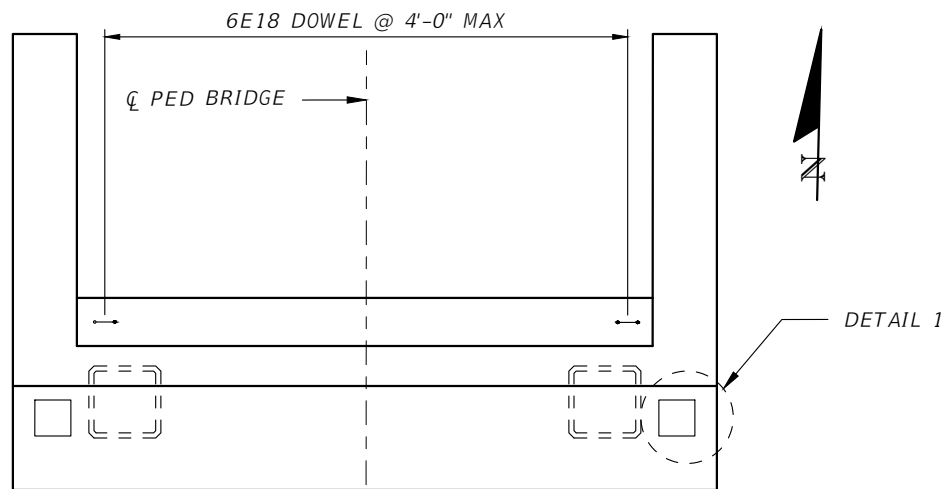
MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

PED BRIDGE STRUCTURE PLANS
FINISH GRADE ELEVATIONS

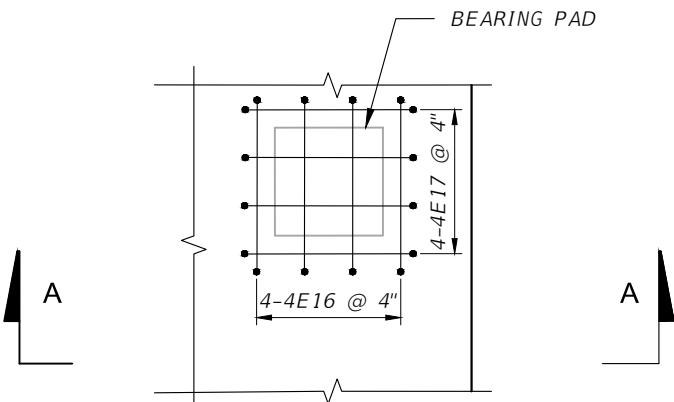


NOTES:
LOCAL REINFORCEMENT UNDER BEARINGS NOT SHOW FOR CLARITY

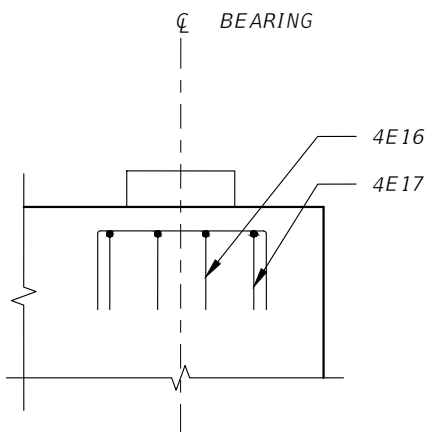


NOTES:
MAJOR REINFORCEMENT NOT SHOW IN PLAN FOR CLARITY

PLAN VIEW



DETAIL 1

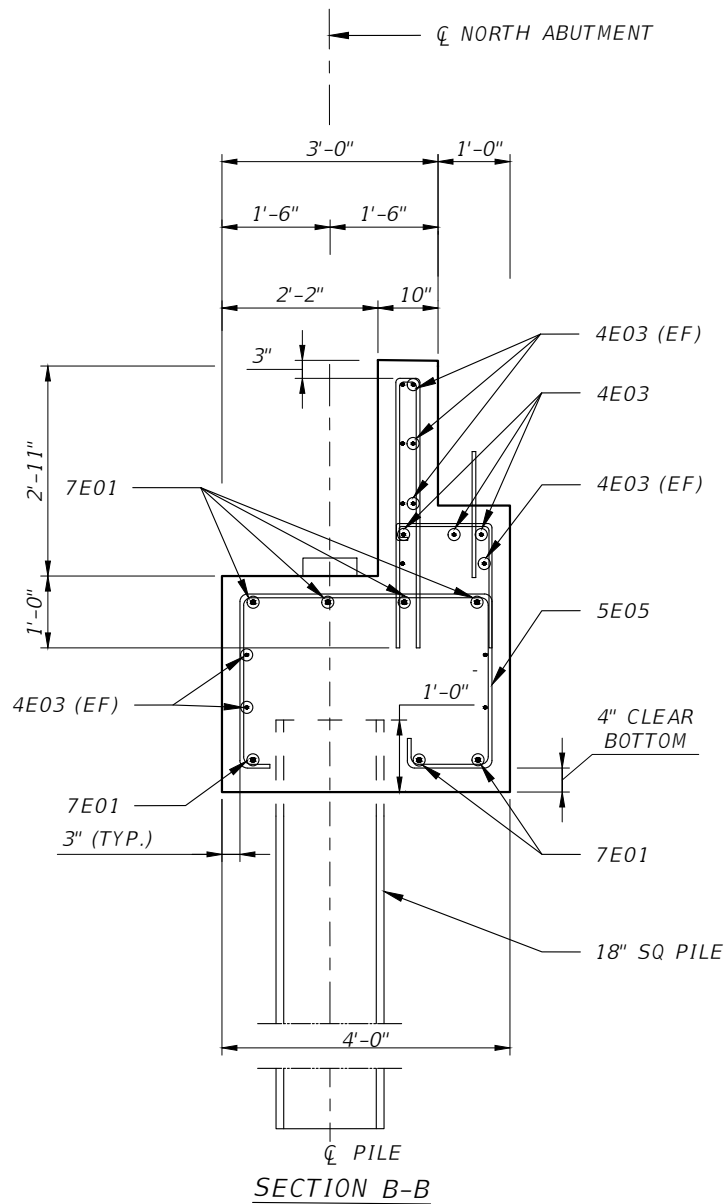


SECTION A-A

NOTES:
MAJOR REINFORCEMENT IN ABUTMENT NOT SHOWN FOR CLARITY.

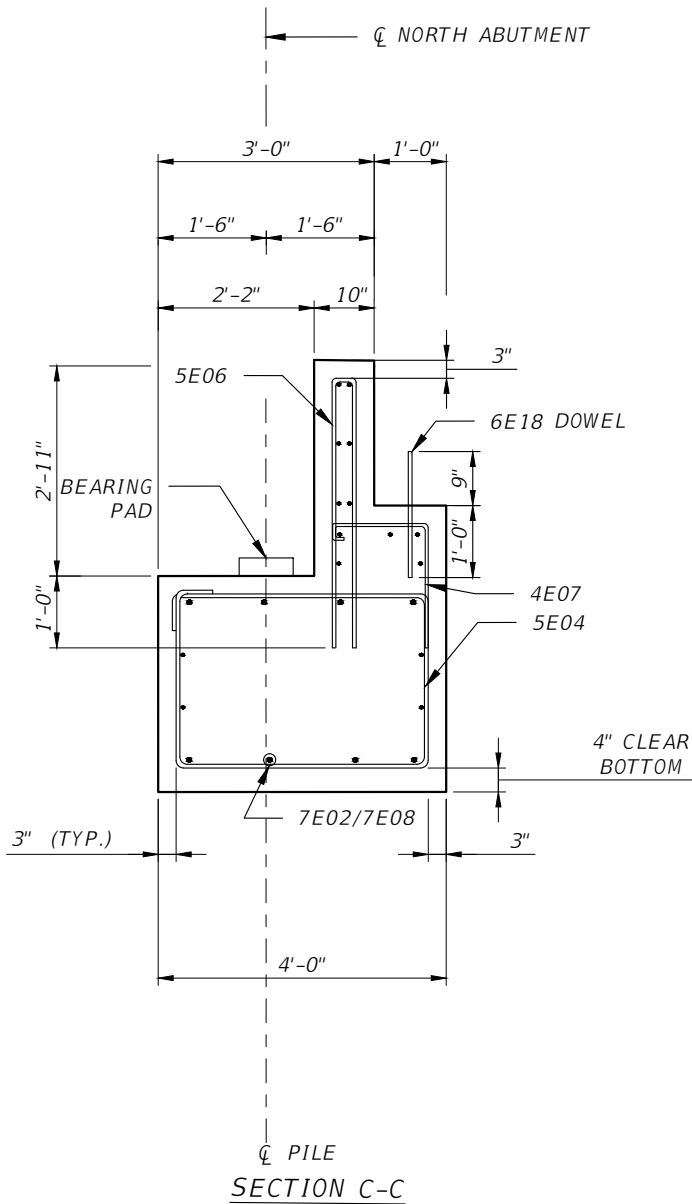


R E V I S I O N S			<div>PEDELTA, INC. 2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010 CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: JUAN A. SOBRINO, PE P.E. LICENSE # 73121</div> <div></div>	NAME	DATE		NAME	DATE	<div><div>MIAMI-DADE COUNTY</div><div>DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128</div></div>	<div>PED BRIDGE STRUCTURE PLANS ABUTMENT REINFORCEMENT DETAILS 1 OF 2</div>		
DATE	BY	DESCRIPTION		DESIGNED BY	M.C.	01/16/20	DRAWN BY	D.A.			01/16/20	
				CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.			01/16/20	
				SUPERVISED BY: JUAN A. SOBRINO, PE								



SECTION B-B

NOTES:
ADDITIONAL DOWELS TO BE ADDED TO THE TOP OF
PILES TO TRANSFER BENDING MOMENT UP TO 150 KFT



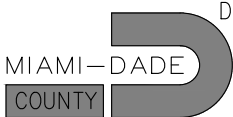
SECTION C-C

R E V I S I O N S		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: JUAN A. SOBRINO, PE
P.E. LICENSE # 73121

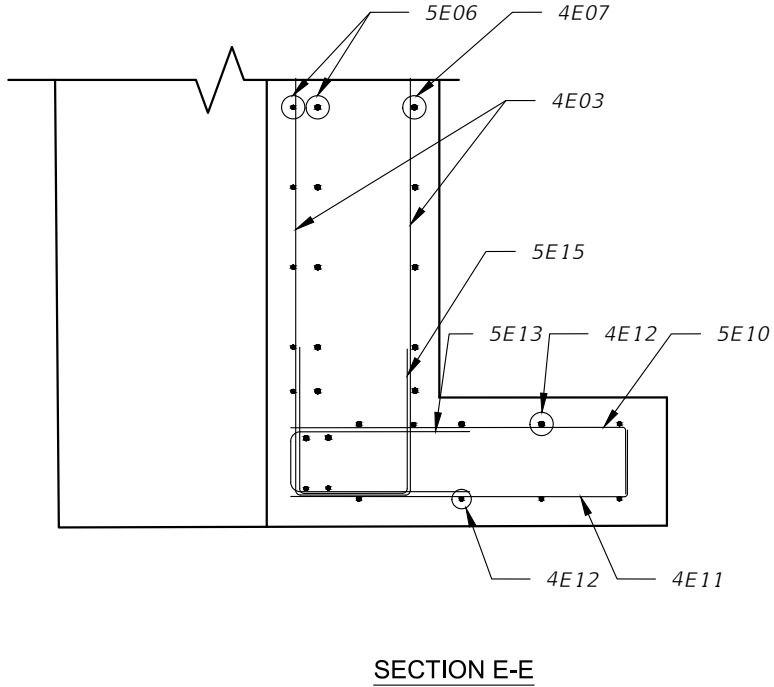
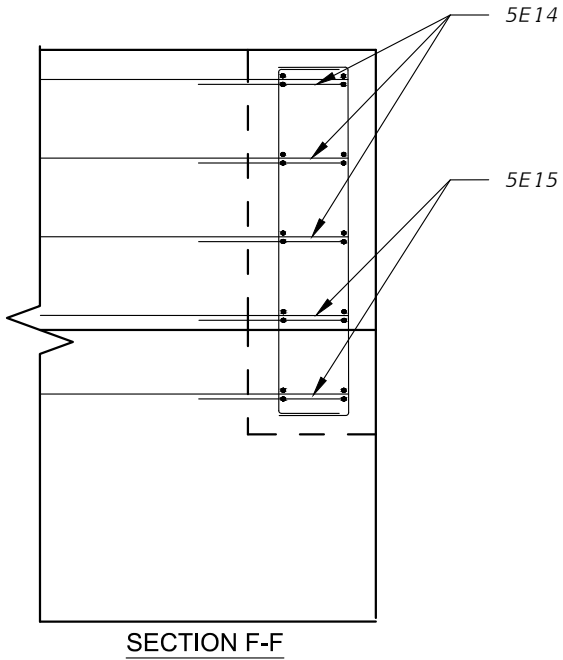
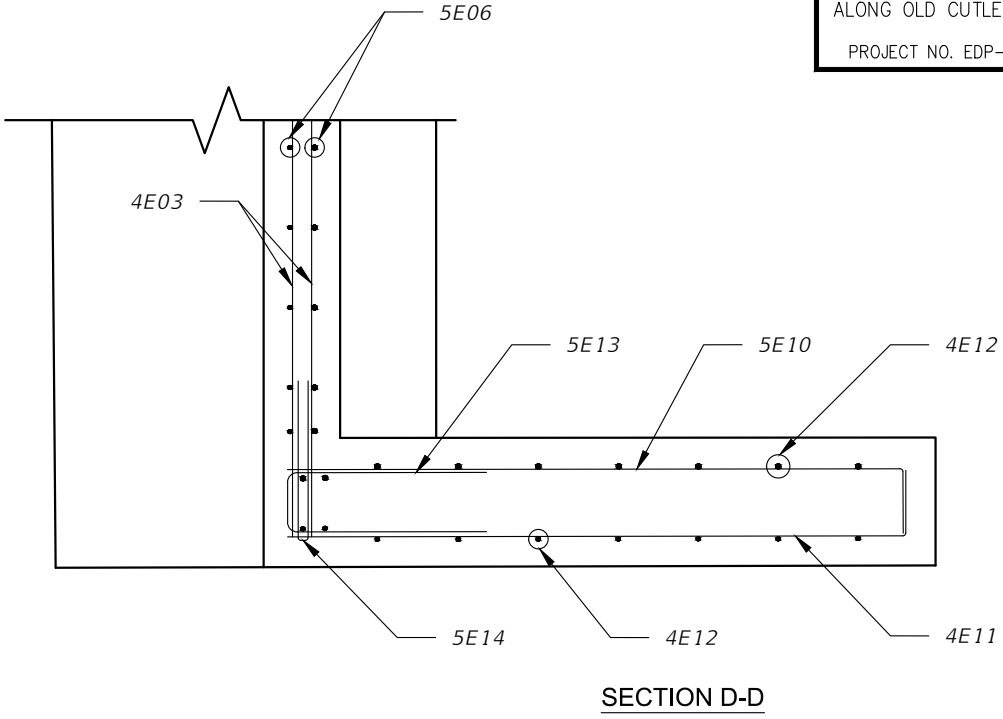
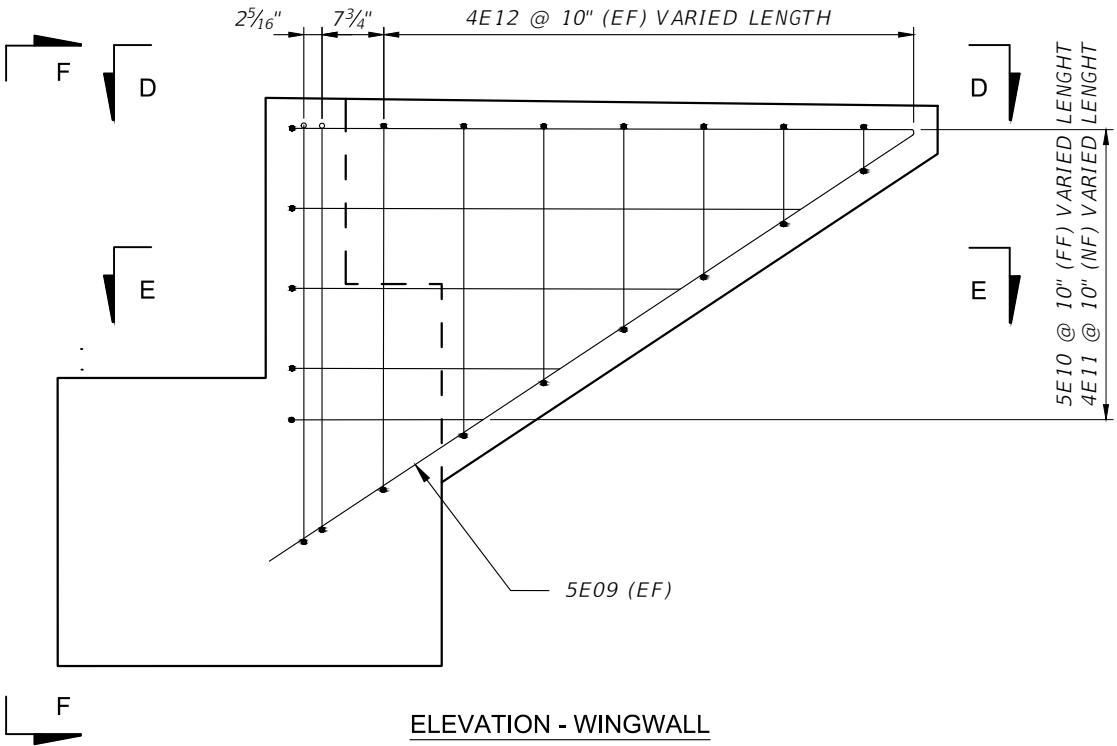


	NAME	DATE		NAME	DATE
DESIGNED BY	M.C.	01/16/20	DRAWN BY	D.A.	01/16/20
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					



DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

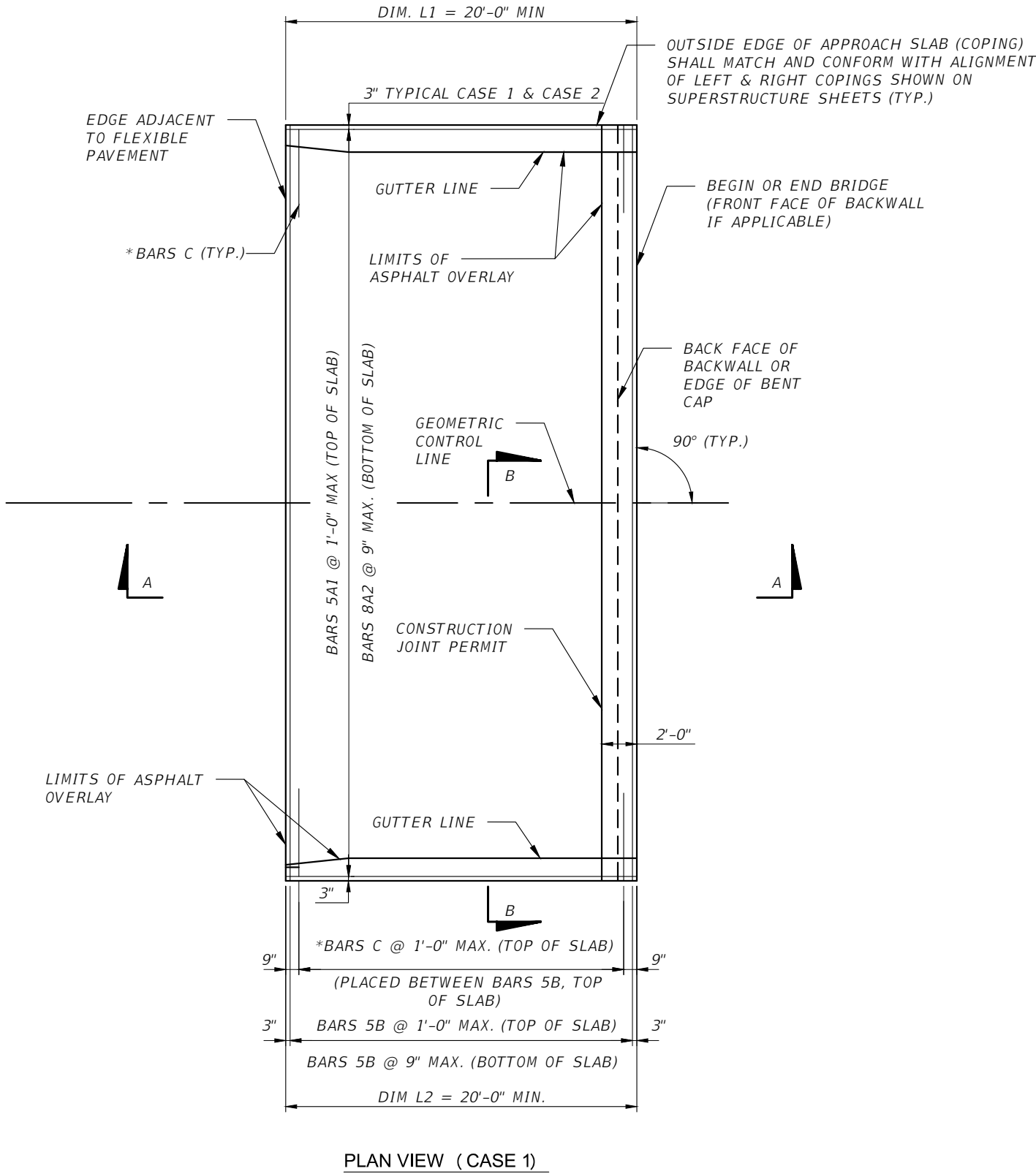
PED BRIDGE STRUCTURE PLANS
ABUTMENT REINFORCEMENT
2 OF 2



NOTE:
1. WORK THIS SHEET WITH SHEETS B-7, B-8, B-10 AND B-11

REVISIONS			PEDELTA, INC.		DESIGNED			NAME			DATE			DRAWN			NAME			DATE			DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS			PED BRIDGE STRUCTURE PLANS		
DATE	BY	DESCRIPTION	2000 PONCE DE LEON BLVD., SUITE 624 CORAL GABLES, FLORIDA 33134 TEL. (305) 648-0010		M.C.			01/16/20			D.A.			01/16/20			V.P.			01/16/20			HIGHWAY DIVISION			WINGWALL REINFORCEMENT		
			CERTIFICATE OF AUTHORIZATION N. 27244 ENGINEER OF RECORD: JUAN A. SOBRINO, PE P.E. LICENSE # 73121		J.S.			01/16/20			V.P.			01/16/20														
					SUPERVISED BY: JUAN A. SOBRINO, PE																							

STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128



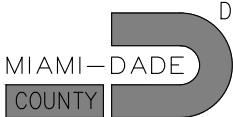
NOTES:
ALL OTHER APPROACH SLAB DETAILS SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS 400-090.

R E V I S I O N S		
DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010
CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: JUAN A. SOBRINO, PE
P.E. LICENSE # 73121



	NAME	DATE		NAME	DATE
DESIGNED BY	M.C.	01/16/20	DRAWN BY	D.A.	01/16/20
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					



DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128


PED BRIDGE STRUCTURE PLANS
APPROACH SLABS (20 FT)

MARK		LENGTH		NO	TYP	STY		B			C			D			E			F			H			J			K			N	Ø
SIZE	DES	FT	IN	BARS	BAR	A	G	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	NO	ANG
LOCATION ABUTMENT																NO. REQUIRED = 2																	
7	E01	14-	2	7	1			14-	2																								
7	E02	9-	11	1	11			7-	9	1/4	1-	0	3/4	1-	0	3/4																	
4	E03	14-	2	15	1			14-	2																								
5	E04	12-	8	19	4	6	6	2-	4	3/8	3-	5	3/8																				
5	E05	10-	8	4	5	6	6	2-	4	3/4	3-	5	3/8		4	1/2	1-	1	1/2														
5	E06	8-	0	24	11			0	3	3/8	3-	10		3-	10																		
4	E07	3-	8	24	10	8		1-	3	1/2	1-	8	1/2																				
7	E08	3-	5	2	11			1-	3	1/8	1-	0	3/4	1-	0	3/4																	
5	E09	9-	5	4	11			8-	1			7	3/4		7	3/4																	
5	E10A	7-	9	2	11			6-	5	5/8		7	3/4		7	3/4																	
5	E10B	6-	7	2	11			5-	3	5/8		7	3/4		7	3/4																	
5	E10C	5-	4	2	11			4-	0	1/8		7	3/4		7	3/4																	
5	E10D	4-	1	2	11			2-	9	1/2		7	3/4		7	3/4																	
5	E10E	3-	4	2	11			2-	0			7	3/4		7	3/4																	
4	E11A	7-	9	2	11			6-	5	5/8		7	3/4		7	3/4																	
4	E11B	6-	7	2	11			5-	3	5/8		7	3/4		7	3/4																	
4	E11C	5-	4	2	11			4-	0	1/2		7	3/4		7	3/4																	
4	E11D	4-	1	2	11			2-	9	1/2		7	3/4		7	3/4																	
4	E11E	3-	4	2	11			2-	0			7	3/4		7	3/4																	
4	E12A	5-	0	4	10			4-	4	1/8		7	3/4																				
4	E12B	4-	10	4	10			4-	2	1/2		7	3/4																				
4	E12C	4-	5	4	10			3-	9	1/2		7	3/4																				
4	E12D	3-	11	4	10			3-	2	3/4		7	3/4																				
4	E12E	3-	4	4	10			2-	8	1/8		7	3/4																				
4	E12F	2-	9	4	10			2-	1	1/2		7	3/4																				
4	E12G	2-	3	4	10			1-	6	7/8		7	3/4																				
4	E12H	1-	8	4	10			1-	0	1/8		7	3/4																				
4	E12I	1-	1	4	10				5	1/2		8	3/4																				
5	E13	4-	8	10	11				8	3/8	2-	0		2-	0																		
5	E14	4-	2	6	11				2	3/8	2-	0		2-	0																		
5	E15	5-	2	4	11			1-	2	3/8	2-	0		2-	0																		
4	E16	3-	2	8	11			1-	2		1-	0		1-	0																		
4	E17	3-	2	8	11			1-	2		1-	0		1-	0																		
6	E18	3-	9	4	23			1-	6	3/8		2	5/8	1-	6	3/8																	
LOCATION APPROACH SLAB																NO. REQUIRED = 2																	
5	A1	19-	8	16	1			19-	8																								
8	A2	19-	8	21	1			19-	8																								
5	B	14-	4	49	1			14-	4																								
END OF LIST																																	

REVISIONS

DATE	BY	DESCRIPTION

PEDELTA, INC.
2000 PONCE DE LEON BLVD., SUITE 624
CORAL GABLES, FLORIDA 33134
TEL. (305) 648-0010



CERTIFICATE OF AUTHORIZATION N. 27244
ENGINEER OF RECORD: JUAN A. SOBRINO, PE
P.E. LICENSE # 73121

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	J.S.	01/16/20	CHECKED BY	V.P.	01/16/20
SUPERVISED BY: JUAN A. SOBRINO, PE					

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

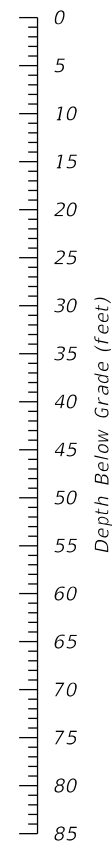
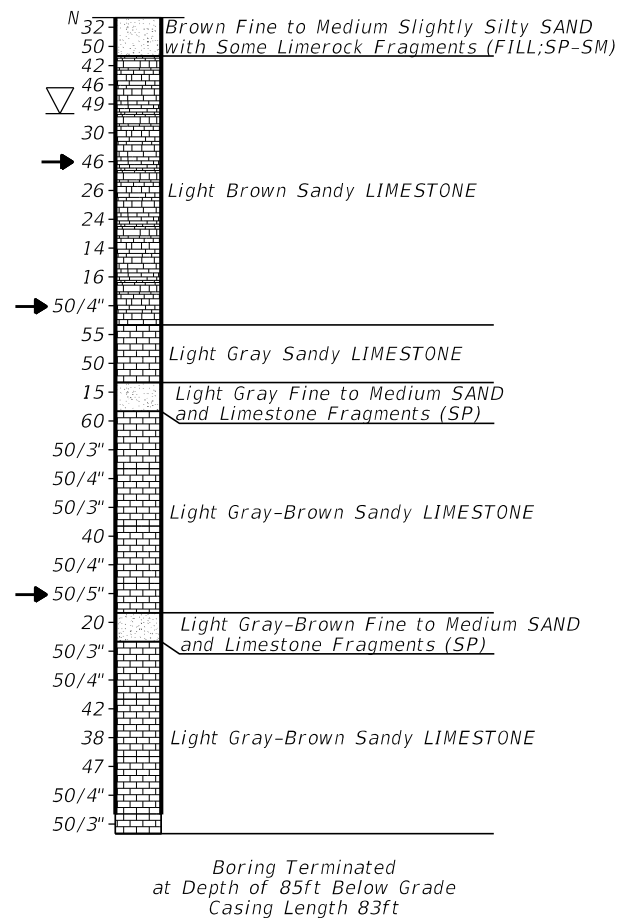
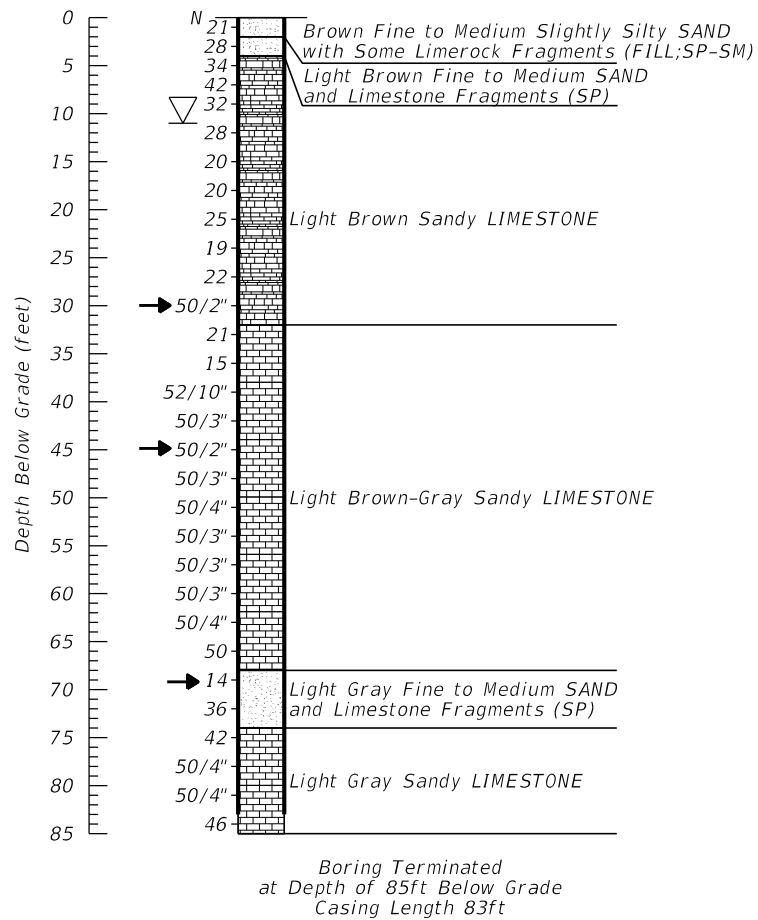
PED BRIDGE STRUCTURE PLANS
REINFORCING BAR LIST

U.S. Army Corps of Engineers, SAJ-2020-00886, March 3, 2021, Page 40 of 41

\\pedelta.es\Sharepoint\PRJ\TRT\18M107-SPB-MDC2\09PH4-90%\07FD0T\struct\Rebarlist.dwg Jan 29, 2020 - 1:02pm YWITI


BOR #	B-1
DATE	4/29/2019
ELEVATION	N/A
DRILLER	G. Miranda (UES)
HAMMER	Auto
RIG	CME-75
LATITUDE	25.6107972°
LONGITUDE	-80.3101028°

BOR #	B-2
DATE	4/29/2019
ELEVATION	N/A
DRILLER	G. Miranda (UES)
HAMMER	Auto
RIG	CME-75
LATITUDE	25.6104722°
LONGITUDE	-80.3103250°



BORING LOCATION PLAN

LEGEND

 SAND (SP / SP-SM)

LIMESTONE



MIAMI LIMESTONE FORMATION

OC ORGANIC CONTENT (%)

-200 PERCENT PASSING NO. 200 US STANDARD SIEVE (%)

NMC NATURAL MOISTURE CONTENT (%)

 ENCOUNTERED GROUNDWATER LEVEL

N NUMBER TO THE LEFT OF THE SOIL PROFILE
REPRESENT THE SPT N-VALUE.

➔ LOSS OF DRILLING FLUID CIRCULATION

 AS-DRILLED TEST BORING LOCATION PERFORMED BY UES

TEMPORARY STEEL CASING

NOTES

1. *SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED AS INDICATED IN SECTION 2-4 OF THE STANDARD SPECIFICATIONS.*
2. *BORINGS WERE PERFORMED UTILIZING AN AUTOMATIC HAMMER IN ACCORDANCE WITH ASTM- D1586.*
3. *BOREHOLES WERE GROUTED WITH A PORTLAND CEMENT GROUT UPON COMPLETION OF THE BORING.*
4. *VERY LOOSE SOILS WERE ENCOUNTERED IN THE TEST BORINGS, WHICH MAY BE PRONE TO COLLAPSE OR CAVE-IN DURING EXCAVATION.*
5. *EXPECT DIFFICULTY EXCAVATING THROUGH EXISTING EMBANKMENT AND VERY DENSE SOILS ENCOUNTERED IN THE BORINGS.*
6. *LATITUDE AND LONGITUDE WERE OBTAINED WITH THE USE OF A HAND-HELD GPS UNIT. PLEASE CONSIDER THE LOCATIONS OF BORINGS TO BE APPROXIMATE.*
7. *NO ELEVATIONS WERE PROVIDED AT THE TIME OF FIELD TESTING.*

CORRELATION OF STANDARD PENETRATION RESISTANCE
WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL
USING AUTOMATIC HAMMER

GRANULAR MATERIALS (SANDS & GRAVELS)		COHESIVE MATERIALS	
RELATIVE DENSITY	SPT N (BLOWS/FT.)	CONSISTENCY DESIGNATION	SPT N (BLOWS/FT.)
Very Loose	Less than 3	Very Soft	Less than 1
Loose	3-8	Soft	1-3
Medium Dense	8-24	Firm	3-6
Dense	24-40	Stiff	6-12
Very Dense	Greater than 40	Very Stiff	12-24
		Hard	Greater than 2

Project No. 2130.1900018.0000
Report No. 1736056

[illegible]

APPENDIX K

Standard Terms and Conditions

This appendix includes the standard conditions that must be included in all Section 408 approval notifications, except where marked as optional. Use of optional conditions should be based on scope and scale of the approved activity:

LIMITS OF THE AUTHORIZATION

1. This permission only authorizes you, the requester, to undertake the activity described herein under the authority provided in Section 14 of the Rivers and Harbors Act of 1899, as amended (33 USC 408). This permission does not obviate the need to obtain other federal, state, or local authorizations required by law. This permission does not grant any property rights or exclusive privileges, and you must have appropriate real estate instruments in place prior to construction and/or installation.
2. The time limit for completing the work authorized ends on _____. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
3. Without prior written approval of the USACE, you must neither transfer nor assign this permission nor sublet the premises or any part thereof, nor grant any interest, privilege or license whatsoever in connection with this permission. Failure to comply with this condition will constitute noncompliance for which the permission may be revoked immediately by USACE.
4. The requester understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration of the work herein authorized, or if, in the opinion of the Secretary of the Army or an authorized representative, said work will cause unreasonable conditions and/or obstruction of USACE project authorized design, the requester will be required upon due notice from the USACE, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim can be made against the United States on account of any such removal or alteration.

INDEMNIFICATION AND HOLD HARMLESS

5. The United States will in no case be liable for:
 - a. any damage or injury to the structures or work authorized by this permission that may be caused or result from future operations undertaken by the United States, and no claim or right to compensation will accrue from any damage; or
 - b. damage claims associated with any future modification, suspension or revocation of this permission.

10 Sep 18

6. The United States will not be responsible for damages or injuries which may arise from or be incident to the construction, maintenance, and use of the project requested by you, nor for damages to the property or injuries to your officers, agents, servants, or employees, or others who may be on your premises or project work areas or the federal project(s) rights-of-way. By accepting this permission, you hereby agree to fully defend, **indemnify**, and **hold harmless** the United States and USACE from any and all such claims, subject to any limitations in law.
7. Any damage to the water resources development project or other portions of any federal project(s) resulting from your activities must be repaired at your expense.

REEVALUATION OF PERMISSION

8. The determination that the activity authorized by this permission would not impair the usefulness of the federal project and would not be injurious to the public interest was made in reliance on the information you provided.
9. This office, at its sole discretion, may reevaluate its decision to issue this permission at any time circumstances warrant, which may result in a determination that it is appropriate or necessary to modify or revoke this permission. Circumstances that could require a reevaluation include, but are not limited to, the following:
 - a. you fail to comply with the terms and conditions of this permission;
 - b. the information provided in support of your application for permission proves to have been inaccurate or incomplete; or
 - c. significant new information surfaces which this office did not consider in reaching the original decision that the activity would not impair the usefulness of the water resources development project and would not be injurious to the public interest.

CONDUCT OF WORK UNDER THIS PERMISSION

10. You are responsible for implementing any requirements for mitigation, reasonable and prudent alternatives, or other conditions or requirements imposed as a result of environmental compliance.
11. Work/usage allowed under this permission must proceed in a manner that avoids interference with the inspection, operation, and maintenance of the federal project.
12. In the event of any deficiency in the design or construction of the requested activity, you are solely responsible for taking remedial action to correct the deficiency.
13. The right is reserved to the USACE to enter upon the premises at any time and for any purpose necessary or convenient in connection with government purposes, to make inspections, to operate and/or to make any other use of the lands as may be necessary in connection with government purposes, and you will have no claim for damages on account thereof against the United States or any officer, agent or employee thereof.

10 Sep 18

14. You must provide copies of pertinent design, construction, and/or usage submittals/documents. USACE may request that survey and photographic documentation of the alteration work and the impacted project area be provided before, during, and after construction and/or installation.
15. You may be required to perform an inspection of the federal project with the USACE, prior to your use of the structure, to document existing conditions.
16. USACE shall not be responsible for the technical sufficiency of the alteration design nor for the construction and/or installation work.
17. (optional, at the discretion of the district) Once permission is granted, you must notify the USACE District at least () days before work/usage is started so that post- permission oversight can be performed by USACE.
18. (optional, at the discretion of the district) You must schedule a final inspection with the USACE within () days after completion of the work/usage.
19. (optional, at the discretion of the district) You must submit a copy of "as-built" drawings within () days of completion of work showing the new work as it relates to identifiable features of the federal project.

**FLORIDA DEPARTMENT OF
ENVIRONMENTAL
PROTECTION
(FDEP)**

(Note: No Permit was required by this Agency)

**FLORIDA DEPARTMENT OF
TRANSPORTATION
(FDOT)**

(Note: No Permit was required by this Agency)

**SOUTH FLORIDA WATER
MANAGEMENT DISTRICT
(SFWMD)**



**SFWMD NOTICE GENERAL PERMIT NO. 17030-R
(NON-ASSIGNABLE)**

Date Issued: June 3, 2024

AUTHORIZING: MINOR CANAL DREDGING AND INSTALLATION OF A FREE-SPAN PEDESTRIAN BRIDGE WITH HANDRAIL LIGHTING OVER THE C-100 CANAL IMMEDIATELY EAST OF OLD CUTLER ROAD.

LOCATED IN: Miami-Dade County

**ISSUED TO: Miami-Dade County Department of Transportation and Public Works
111 NW 1st Street 15th Floor
Miami, FL 33128**

This permit is issued pursuant to Application No. 240229-42640 dated March 26, 2024 and permittee's agreement to hold and save the South Florida Water Management District and its successors harmless from any and all damages, claims or liabilities which may arise by reason of the construction, maintenance or use of the work or structure involved in the Permit. Said application, including all plans and specifications attached thereto, is by reference made a part hereof. The permittee, by acceptance of this permit, hereby agrees that he/she shall promptly comply with all orders of the District and shall alter, repair or remove his/her use solely at his/her expense in a timely fashion. Permittee shall comply with all laws and rules administered by the District. This permit does not convey to permittee any property rights nor any rights or privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation, or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This permit is issued by the District as a revocable license to use or occupy District works or lands. It does not create any right or entitlement, either legal or equitable, to the continued use of the District works or lands. Since this permit conveys no right to the continued use of the District works or lands, the District is under no obligation to transfer this permit to any subsequent party. By acceptance of this permit, the permittee expressly acknowledges that the permittee bears all risk of loss as a result of revocation of this permit.

WORK PROPOSED MUST BE COMPLETED ON OR BEFORE June 30, 2025 .

Otherwise, this permit is void and all rights there under are automatically canceled unless permittee applies for, in writing, a request for extension to the construction period and such request is received by the District on or before the expiration date and such request is granted, in writing, by the District.

SPECIAL CONDITIONS (SPECIFIC PROJECT CONDITIONS) AND LIMITING CONDITIONS ON ATTACHED SHEETS ARE A PART OF THIS DOCUMENT.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Hixenbaugh", is written over a light blue horizontal line.

John Hixenbaugh
Section Administrator - Right of Way Section

Special Conditions

1. THIS PERMIT SOLELY GRANTS APPROVAL IN CONCEPT ONLY FOR IMPROVEMENTS IN THE DISTRICT'S RIGHT OF WAY AND DOES NOT AUTHORIZE ANY CONSTRUCTION ACTIVITY BECAUSE PERMITTEE HAS NOT PROVIDED ANY DETAILS REGARDING THE MEANS, METHODS, NEEDS, SCHEDULING OR OTHER ACTIVITIES RELATED TO ACTUAL CONSTRUCTION OF THE PROPOSED IMPROVEMENTS (I.E., USE OF A BARGE, STAGING OF MATERIALS, ACCESS, VEHICLE TYPES, DURATION OF CONSTRUCTION, ETC.). ACCORDINGLY, NO CONSTRUCTION SHALL BE PERMITTED IN THE DISTRICT'S RIGHT OF WAY UNTIL SUCH TIME AS PERMITTEE SELECTS A CONTRACTOR WHO HAS SECURED ITS OWN PERMIT FOR TEMPORARY ACCESS (WHICH, AMONGST OTHER THINGS, MAY AUTHORIZE ACCESS, STAGING, STORAGE, CONSTRUCTION TRAILERS, CRANE USE, BARGES, TEMPORARY UTILITY SERVICE, ETC. WITHIN THE RIGHT OF WAY). CONTRACTOR SHALL SUBMIT AN APPLICATION AND OBTAIN AUTHORIZATION FOR TEMPORARY ACCESS TO THE RIGHT OF WAY IN COMPLIANCE WITH THE "REQUIREMENTS TO ADDRESS MEANS AND METHODS OF CONSTRUCTION; REQUIREMENT TO OBTAIN A SEPARATE ROW PERMIT FOR TEMPORARY ACCESS" DOCUMENT ATTACHED TO THIS PERMIT. PERMITTEE IS STRONGLY URGED TO INCLUDE THIS REQUIREMENT IN ITS CONTRACTS AND/OR BID DOCUMENTS TO ENSURE THAT CONTRACTORS HAVE NOTICE OF THIS REQUIREMENT WHICH MAY CAUSE DELAY IN THE COMMENCEMENT OF WORK AND DELIVERY OF MATERIALS TO THE PROJECT SITE. CONTRACTORS MUST ALLOW REASONABLE TIME FOR REVIEW AND PROCESSING OF THE REQUIRED PERMIT APPLICATION BY THE DISTRICT. THE DISTRICT SHALL NOT BE LIABLE FOR ANY CONSTRUCTION DELAYS, OR LOSSES OR COSTS INCURRED AS A RESULT OF PERMITTEE'S FAILURE TO NOTIFY ITS CHOSEN CONTRACTOR OR BY CONTRACTOR'S FAILURE TO ALLOW TIME FOR PROCESSING OF A PERMIT APPLICATION IN THE DEVELOPMENT OF ITS PROJECT SCHEDULE.
2. SECTION 408 AUTHORIZATION HAS PREVIOUSLY BEEN GRANTED BY THE U.S. ARMY CORPS OF ENGINEERS (USACE). THE AUTHORIZATION DATED MAY 12, 2020, IS ATTACHED TO THIS PERMIT FOR REFERENCE. **THE EXPIRATION DATE FOR THE SECTION 408 AND SECTION 404 APPROVALS IS JUNE 15, 2026. ACCORDINGLY, WORK MUST BE COMPLETED BEFORE THE EXPIRATION DATE.** PERMITTEE SHALL NOTE THE STANDARD CONDITIONS IN THE 3RD PARAGRAPH OF THE SECTION 408 APPROVAL LETTER THAT ARE REQUIREMENTS UPON COMPLETION OF THE WORK.
3. AN ENVIRONMENTAL RESOURCE PERMIT (ERP) SHALL BE REQUIRED FOR THE PROPOSED WORK. PERMITTEE SHALL PRESENT A COPY OF ITS ERP PRIOR TO OR AT THE REQUIRED PRE-CONSTRUCTION MEETING. NO WORK WITHIN THE CANAL SHALL COMMENCE WITHOUT RECEIPT OF THE ERP AND OTHER REQUIRED REGULATORY PERMITS. **PLEASE NOTE THAT THE ERP EXPIRES ON FEBRUARY 15, 2026.**

4. PERMITTEE IS ADVISED THAT THE FACILITIES AUTHORIZED UNDER THIS PERMIT MAY ALSO REQUIRE A DEPARTMENT OF THE ARMY (DA) REGULATORY PERMIT FROM THE UNITED STATES ARMY CORPS OF ENGINEERS (USACE). IT IS PERMITTEE'S RESPONSIBILITY TO SUBMIT AN APPLICATION DIRECTLY TO THE USACE REGULATORY OFFICE CORRESPONDING TO THE LOCATION OF THE AUTHORIZED WORK: • ORANGE, OSCEOLA, OKEECHOBEE, MARTIN, AND ST. LUCIE COUNTIES: USACE, COCOA OFFICE, 400 HIGH POINT DRIVE, SUITE 600, COCOA, FL 32926; PHONE (321) 504-3771 OR VIA EMAIL AT CORPSJAXREG-NC@USACE.ARMY.MIL • PALM BEACH AND BROWARD COUNTIES: USACE, PALM BEACH GARDENS OFFICE, 4400 PGA BLVD., SUITE 500, PALM BEACH GARDENS, FL 33410; PHONE (561) 472-3504 OR VIA EMAIL AT APPLICATION-SP@USACE.ARMY.MIL • CHARLOTTE, GLADES, HENDRY, LEE, AND COLLIER COUNTIES: USACE, FORT MYERS OFFICE, 1520 ROYAL PALM SQUARE BLVD., SUITE 310, FORT MYERS, FL 33919; PHONE (239) 334-1975 OR VIA EMAIL AT SF.NEW.APPLICATIONS@USACE.ARMY.MIL • MIAMI-DADE COUNTY: USACE, MIAMI OFFICE, 9900 SW 107TH AVE., SUITE 203, MIAMI, FL 33176; PHONE (305) 526-7181 OR VIA EMAIL AT SAJ-RD-S@USACE.ARMY.MIL • MONROE COUNTY: USACE, KEYS OFFICE, 9900 SW 107TH AVE., SUITE 203, MIAMI, FL 33176; PHONE (305) 526-7181 OR VIA EMAIL AT SEAPPLS@USACE.ARMY.MIL • HIGHLANDS AND POLK COUNTIES: USACE, TAMPA PERMITS SECTION, 10117 PRINCESS PALM AVE., SUITE 120, TAMPA, FL 33610; VIA EMAIL AT TAMPAREG@USACE.ARMY.MIL
5. AS THE LOCAL SPONSOR OF THE CENTRAL AND SOUTH FLORIDA FLOOD CONTROL PROJECT, THE DISTRICT IS REQUIRED BY THE U.S. ARMY CORPS OF ENGINEERS (USACE) TO PROVIDE DOCUMENTATION WHICH CERTIFIES THAT THE AUTHORIZED WORK WAS COMPLETED IN ACCORDANCE WITH THE APPROVED PROJECT SPECIFICATIONS. WITHIN 30 DAYS OF COMPLETION (OR WITHIN 30 DAYS OF PERMIT ISSUANCE OF SECTION 408 AUTHORIZATION IF THE WORK WAS COMPLETED PRIOR TO THE ISSUANCE OF THE PERMIT), PERMITTEE SHALL SUBMIT TO THE DISTRICT ONE ELECTRONIC AND ONE HARD COPY OF THE REQUIRED DOCUMENTATION CONSISTING OF A CERTIFICATION AND AS-BUILT DRAWING FROM THE ENGINEER OF RECORD. SUCH DOCUMENTATION SHALL INCLUDE THE GPS LOCATION OF THE WORK AND THE DATES THE WORK WAS STARTED AND COMPLETED. THE DOCUMENTATION MUST BE SUBMITTED TO THE FIELD REPRESENTATIVE ASSIGNED TO THIS PERMIT. PERMITTEE SHALL BE REQUIRED TO COMPLY WITH ANY REQUESTS OR REQUIREMENTS FOR DOCUMENTATION OF THE COMPLETED WORK.
6. PRIOR TO COMMENCEMENT OF CONSTRUCTION OR UTILIZATION OF THE DISTRICT'S RIGHT OF WAY, PERMITTEE SHALL SCHEDULE AND HOLD A PRE-CONSTRUCTION MEETING WITH THE DISTRICT'S FIELD REPRESENTATIVE ASSIGNED TO THIS PERMIT. NO WORK WITHIN THE RIGHT OF WAY SHALL BE AUTHORIZED WITHOUT FIRST HAVING A MEETING AT WHICH PERMITTEE SHALL BE REQUIRED TO OBTAIN NOTICE TO PROCEED FROM THE FIELD REPRESENTATIVE. IF REQUESTED BY THE FIELD REPRESENTATIVE, PERMITTEE SHALL PREPARE AND PRESENT THE FOLLOWING AT THE MEETING: A) COPIES OF ALL PERMITS THAT MUST BE OBTAINED PRIOR TO THE START OF CONSTRUCTION; B) CONTACT INFORMATION FOR PERMITTEE, THE CONTRACTOR AND/OR THIRD-PARTY INDEPENDENT INSPECTOR, INCLUDING TELEPHONE NUMBERS, EMAIL ADDRESSES AND PHYSICAL ADDRESSES; C) WRITTEN INVENTORY OF ALL VEHICLES AND/OR EQUIPMENT BY TYPE TO ENTER UPON THE RIGHT OF WAY; D) WRITTEN PROCEDURES FOR VACATING THE RIGHT OF WAY WITHIN 24 HOURS NOTICE FROM THE DISTRICT; AND E) CONTACT INFORMATION FOR PERSONS AND/OR VENDORS RESPONSIBLE FOR EMERGENCY VACATION FROM THE RIGHT OF WAY. PERMITTEE SHALL PROVIDE, PREPARE AND/OR PRESENT ANY OTHER DOCUMENTATION, AS MAY BE DIRECTED BY THE FIELD REPRESENTATIVE, IN PREPARATION FOR THE PRECONSTRUCTION MEETING.

7. PRIOR TO CONTACTING THE DISTRICT FOR A FINAL INSPECTION, PERMITTEE SHALL REMOVE ALL CONSTRUCTION MATERIALS AND DEBRIS FROM THE DISTRICT'S CANAL AND RIGHT OF WAY AND RESTORE THE RIGHT OF WAY TO THE SATISFACTION OF THE DISTRICT. RESTORATION MAY REQUIRE, BUT NOT BE LIMITED TO, GRADING, COMPACTION OF SOIL, PLACEMENT OF SOD, AND/OR INSTALLATION OF BANK STABILIZATION MATERIALS (E.G., RIP RAP, FILTER FABRIC CLOTH, ETC.). PERMITTEE SHALL BE SOLELY LIABLE FOR ALL COSTS ASSOCIATED WITH RESTORATION OF THE RIGHT OF WAY. ALL RESTORATIVE WORK SHALL BE PERFORMED IN COMPLIANCE WITH DISTRICT AND/OR USACE SPECIFICATIONS AND DIRECTION.
8. IMMEDIATELY UPON COMPLETION OF THE AUTHORIZED WORK, PERMITTEE SHALL CONTACT THE DISTRICT'S FIELD REPRESENTATIVE ASSIGNED TO THIS PERMIT TO SCHEDULE A FINAL INSPECTION. PERMITTEE SHALL BE REQUIRED TO ATTEND THE FINAL INSPECTION AND PROVIDE COPIES OF ANY DELIVERABLES (E.G., CLOSED BUILDING PERMIT, CERTIFIED AS-BUILT DRAWINGS, ETC.) REQUIRED BY THIS PERMIT AT THAT TIME. PERMITTEE SHALL CORRECT ANY DEFICIENCIES IDENTIFIED DURING THE INSPECTION WITHIN THE TIMEFRAME AND IN THE MANNER DIRECTED BY THE DISTRICT'S FIELD REPRESENTATIVE.
9. PRIOR TO COMMENCEMENT OF CONSTRUCTION OR UTILIZATION OF THE DISTRICT'S RIGHT OF WAY, PERMITTEE SHALL BE REQUIRED TO CONTACT SUNSHINE 811 AND LOCAL JURISDICTION(S) TO IDENTIFY ANY EXISTING BURIED UTILITIES BY USE OF ABOVE-GROUND MARKERS (FLAGS) AND/OR COLOR-CODED INDICATOR LINES LOCATED WITHIN THE LIMITS OF THE PROPOSED WORK AREA.
10. PERMITTEE SHALL ALWAYS BE RESPONSIBLE FOR PROVIDING AND UTILIZING ACCEPTABLE DUST CONTROL MEASURES DURING ITS USE OF THE RIGHT OF WAY.
11. PRIOR TO WORK ON THE CANAL BANK FOR GRADING AND INSTALLATION OF BANK STABILIZATION, PERMITTEE SHALL INSTALL TURBIDITY BARRIERS WITHIN THE CANAL PARALLEL TO THE BANK AND PROVIDING PROTECTION FOR THE ENTIRE WORK AREA AS DIRECTED BY THE DISTRICT'S FIELD REPRESENTATIVE ASSIGNED TO THIS PERMIT. IN ADDITION, TURBIDITY BARRIERS INSTALLED FOR DREDGING ACTIVITIES SHALL BE PLACED AS DIRECTED BY THE DISTRICT.
12. BY PROCEEDING WITH WORK AUTHORIZED BY THIS PERMIT, PERMITTEE ACKNOWLEDGES THAT IT ASSUMES FULL RESPONSIBILITY FOR PROVIDING ACTUAL OR CONSTRUCTIVE NOTICE TO ALL PARTIES HAVING INTEREST IN LANDS THAT RELY UPON THE BRIDGE FOR ACCESS, SUCH NOTICE SHALL STATE THAT THE DISTRICT IS LAWFULLY AUTHORIZED TO REMOVE OR CLOSE THE BRIDGE SHOULD PERMITTEE FAIL TO COMPLY WITH THE CONDITIONS SET FORTH HEREIN
13. THE DISTRICT'S REVIEW OF BRIDGE PLANS AND RELATED IMPROVEMENTS ARE LIMITED TO DETERMINING WHETHER THE IMPROVEMENTS IMPACT THE DISTRICT'S OPERATIONS AND MAINTENANCE OF ITS RIGHTS OF WAY OR FLOOD CONTROL SYSTEM. ISSUANCE OF THIS PERMIT BY THE DISTRICT SHALL NOT BE CONSTRUED BY PERMITTEE OR ANY OTHER PARTY AS APPROVAL BY THE DISTRICT OF THE DESIGN, ENGINEERING OR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. PERMITTEE SHALL BE SOLELY RESPONSIBLE FOR ENSURING THAT THE BRIDGE IS DESIGNED, ENGINEERED AND CONSTRUCTED TO SERVE ITS INTENDED PURPOSE.
14. FOR PURPOSES OF THIS PERMIT, THE AUTHORIZATION INCLUDES THE BRIDGE AND ALL RELATED IMPROVEMENTS AS DEPICTED ON THE APPROVED PLANS, INCLUDING, BUT NOT LIMITED TO, DREDGING, BANK STABILIZATION, DISTRICT ACCESS IMPROVEMENTS, SIGNS, TRAFFIC CONTROL DEVICES, GUARDRAILS, FENCES, SIDEWALKS, GATES, AND GRADING.

15. PERMITTEE SHALL EXCAVATE THE CANAL TO THE DISTRICT'S PRE-DETERMINED DESIGN SECTION HAVING A 50-FOOT WIDE BOTTOM AT ELEVATION (-)19.0 FEET NGVD 29 AND SIDES HAVING 1-FOOT HORIZONTAL (H) TO 4-FOOT VERTICAL (V) SLOPES. THE LIMITS OF REQUIRED EXCAVATION SHALL BEGIN AT THE EASTERN LIMITS OF THE EXISTING VEHICULAR BRIDGE AND EXTEND 50 FEET EASTWARD FROM THE FACE OF THE PROPOSED BRIDGE. BEYOND THE AREA OF REQUIRED EXCAVATION, PERMITTEE SHALL PERFORM TRANSITIONAL EXCAVATION, AS NEEDED, TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AREAS OUTSIDE OF THE WORK AREA AND THE EXCAVATED AREAS WITHIN THE WORK AREA, AND TO ENSURE THAT NONE OF THE WORK PERFORMED WITHIN THE CANAL PRISM CAUSES EROSION, SHOALING OR OTHER ADVERSE IMPACTS TO DISTRICT OPERATIONS AND MAINTENANCE.
16. EXCAVATED MATERIAL FROM THE CANAL SHALL NOT BE STOCKPILED IN THE RIGHT OF WAY. PERMITTEE SHALL REMOVE ALL EXCESS MATERIAL FROM THE RIGHT OF WAY.
17. PRIOR TO THE START OF ANY STRUCTURAL WORK ON THE PROPOSED BRIDGE, PERMITTEE SHALL PROVIDE TO THE DISTRICT CROSS-SECTIONS PREPARED BY SURVEYOR REGISTERED IN THE STATE OF FLORIDA, VERIFYING THAT REQUIRED EXCAVATION WAS COMPLETED AND THAT THE CANAL DESIGN SECTION COMPLIES WITH DISTRICT REQUIREMENTS. THE CROSS-SECTIONS SHALL BE AT THE SAME LOCATIONS AS THOSE SUBMITTED TO DOCUMENT PRE-EXCAVATION CONDITIONS. NO STRUCTURAL WORK SHALL OCCUR UNTIL THE DISTRICT HAS REVIEWED AND APPROVED THE CROSS-SECTIONS AND ISSUED WRITTEN AUTHORIZATION TO PROCEED.
18. CROSS-SECTION DRAWINGS REQUIRED BY THIS PERMIT SHALL BE TAKEN PERPENDICULAR TO THE CENTERLINE OF THE CANAL AND INCLUDE THE ENTIRE CANAL SECTION FROM TOP OF BANK TO TOP OF BANK AND EXTEND BEYOND TO THE DISTRICT'S RIGHT OF WAY LINES. CROSS-SECTIONS SHALL BE TAKEN AT 10-FOOT INTERVALS FOR THE ENTIRE WORK AREA, INCLUDING THE REQUIRED EXCAVATION AREA, TRANSITIONAL ZONES AND A MINIMUM OF 10-FEET OF THE EXISTING, UNDISTURBED CANAL (UPSTREAM AND DOWNSTREAM OF THE CROSSING). IN ADDITION, CROSS-SECTION DRAWINGS SHALL BE SUPERIMPOSED OVER THE ORIGINAL (PRE-EXCAVATED) CROSS-SECTIONS OF THE CANAL USING THE SAME HORIZONTAL/VERTICAL SCALE AND INCLUDE THE CROSS-SECTIONAL AREA BELOW THE DESIGN WATER SURFACE ELEVATION FOR BOTH EXISTING AND POST-WORK SECTIONS. ALL DRAWINGS SHALL BE COMPLETED USING NGVD 29.
19. THE LOW MEMBER ELEVATION OF THE AUTHORIZED CROSSING SHALL BE SET AT ELEVATION 14.03 FEET NGVD 29 OR HIGHER.
20. THE EXISTING ACCESS DRIVEWAY FROM OLD CUTLER ROAD TO THE DISTRICT'S RIGHT OF WAY SHALL NOT BE AFFECTED BY THE PROPOSED WORK. THE ACCESS DRIVE SHALL REMAIN OPEN AND CLEAR OF ALL OBSTACLES FOR DISTRICT ACCESS AT ALL TIMES.
21. PERMITTEE SHALL NOT PLACE SIGNS, SIGNAL POLES, GUARD RAIL OR ANY OTHER IMPROVEMENTS WITHIN THE DISTRICT'S RIGHT OF WAY OR DESIGNATED EQUIPMENT STAGING AREAS UNLESS OTHERWISE AUTHORIZED BY THIS PERMIT.
22. PERMITTEE SHALL BE SOLELY RESPONSIBLE FOR COORDINATING THE RELOCATION OR MODIFICATION OF EXISTING IMPROVEMENTS AND UTILITIES IMPACTED BY THE PROPOSED BRIDGE PROJECT. PERMITTEE SHALL BE RESPONSIBLE FOR ENSURING THAT RELOCATIONS OR MODIFICATIONS ARE AUTHORIZED PURSUANT TO A DISTRICT ROW PERMIT. THE DISTRICT ASSUMES NO LIABILITY FOR ANY DELAY CAUSED BY PERMITTEE'S FAILURE TO PROPERLY COORDINATE AND ACCOMMODATE REGULATORY PERMITTING TIMEFRAMES REQUIRED FOR SUCH RELOCATIONS AND MODIFICATIONS.

23. THE WORK OR USE AUTHORIZED BY THIS PERMIT SHALL BE COMPLETED BY JUNE 30, 2025, UNLESS OTHERWISE EXTENDED BY THE DISTRICT IN WRITING. IF PERMITTEE REQUIRES AN EXTENSION OF THE WORK EXPIRATION DATE, PERMITTEE SHALL SUBMIT A REQUEST FOR AN EXTENSION IN THE MANNER AND FORM AS DIRECTED BY THE DISTRICT. THE DISTRICT RESERVES THE RIGHT TO APPROVE, APPROVE WITH CONDITIONS, OR DENY PERMITTEE'S REQUEST. **PLEASE BE ADVISED THAT IF NO CONTRACT HAS BEEN AWARDED FOR CONSTRUCTION BY JUNE 30, 2025 WITH A COMPLETION DATE PRIOR TO FEBRUARY 15, 2026, NO EXTENSION OF THE PERMIT SHALL BE GRANTED DUE TO THE EXPIRATION DATE OF THE SECTION 404 AND SECTION 408 ON JUNE 15, 2026, AND EXPIRATION OF THE ERP ON FEBRUARY 15, 2026.**

General Conditions

1. THIS AUTHORIZATION IS SOLELY FOR THE USE OF PERMITTEE AND PERMITTEE'S CONTRACTOR(S)/SUB-CONTRACTOR(S) PERFORMING WORK WITHIN OR USING THE RIGHT OF WAY.
2. AT NO TIME SHALL THE CANAL BE BLOCKED OR FLOWS OTHERWISE RESTRICTED OR IMPEDED. THIS RESTRICTION SHALL INCLUDE, BUT NOT BE LIMITED TO, A PROHIBITION ON THE USE OF DAMS OR FILL IN THE CANAL DURING ALL PHASES OF CONSTRUCTION AND ANY SUBSEQUENT FUTURE MAINTENANCE OPERATIONS.
3. PERMITTEE AND/OR THE PERMITTEE'S CONTRACTORS SHALL ALWAYS MAINTAIN THE DISTRICT'S VEHICULAR ACCESS THROUGHOUT THE PROJECT LIMITS. IF, IN PERMITTEE'S OPINION, IT WILL BE NECESSARY FOR THE DISTRICT'S VEHICULAR ACCESS TO BE BLOCKED, IMPEDED OR ALTERED AT ANY TIME, PERMITTEE SHALL SUBMIT A WRITTEN REQUEST TO THE DISTRICT SETTING FORTH THE PROPOSED ACTIVITIES THAT WILL RESULT IN OBSTRUCTION OF THE RIGHT OF WAY AND THE DATES THAT THE RIGHT OF WAY WILL BE RENDERED INACCESSIBLE. WRITTEN PERMISSION FROM THE DISTRICT SHALL BE REQUIRED PRIOR TO COMMENCEMENT OF PERMITTEE'S PROPOSED OBSTRUCTION OF THE RIGHT OF WAY. THE DISTRICT, AT ITS SOLE DISCRETION, RESERVES THE RIGHT TO APPROVE, APPROVE WITH CONDITIONS OR DENY PERMITTEE'S REQUEST.
4. CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH DISTRICT ENGINEERING SPECIFICATIONS SET FORTH IN "SECTION 02220 - EXCAVATION AND BACKFILLING" (A COPY OF WHICH IS ATTACHED TO THIS PERMIT) OF THE DISTRICT'S ENGINEERING STANDARDS (ATTACHED) AND ANY OTHER APPLICABLE DISTRICT ENGINEERING STANDARDS REFERENCED IN SECTION 02220, INCLUDING, BUT NOT LIMITED TO, GEOTECHNICAL TESTING AND REPORTING REQUIREMENTS.
5. TURBIDITY BARRIERS SHALL BE PLACED WITHIN THE CANAL IF DIRECTED BY THE DISTRICT'S FIELD REPRESENTATIVE AT THE PRE-CONSTRUCTION MEETING. PERMITTEE SHALL BE REQUIRED TO REMOVE ALL VEGETATION AND SURFACE DEBRIS CAPTURED BY SUCH DEVICES PRIOR TO THEIR REMOVAL. PERMITTEE SHALL REMOVE THE TURBIDITY BARRIERS IN COMPLIANCE WITH DIRECTION FROM THE DISTRICT WHEN OPERATION, MAINTENANCE OR EMERGENCY CONDITIONS REQUIRE SUCH REMOVAL.
6. THE DISTRICT'S FIELD REPRESENTATIVE SHALL HAVE SOLE AUTHORITY TO DETERMINE WHETHER PERMITTEE'S METHODS OF CONSTRUCTION, INTERIM WORK, CONSTRUCTION ACTIVITY OR USE OF THE RIGHT OF WAY IS IN CONFORMANCE WITH THE PERMIT AUTHORIZATION, INCLUDING TERMS AND CONDITIONS, THE APPLICATION, RESPONSES OR STATEMENTS MADE BY PERMITTEE DURING APPLICATION PROCESSING, AND SUPPORTING DOCUMENTS INCORPORATED INTO THE PERMIT FILE. IF THE DISTRICT'S FIELD REPRESENTATIVE DETERMINES THAT PERMITTEE'S ACTIVITIES ARE NOT IN CONFORMANCE, HE/SHE SHALL ISSUE A STOP WORK ORDER TO PERMITTEE UNTIL SUCH NONCONFORMANCE HAS BEEN RESOLVED TO THE SATISFACTION OF THE DISTRICT. IF PERMITTEE CHOOSES TO PROCEED WITH THE WORK AUTHORIZED BY THIS PERMIT, PERMITTEE ACKNOWLEDGES THIS CONDITION AND AGREES TO CEASE ALL ACTIVITY IN THE DISTRICT'S RIGHT OF WAY IMMEDIATELY UPON RECEIPT OF THE STOP WORK ORDER.
7. NO VEHICULAR MAINTENANCE/REPAIR ACTIVITIES OR SUBSTANCES OR PARTS ASSOCIATED WITH THE REPAIR OR MAINTENANCE OF VEHICLES/EQUIPMENT SHALL TAKE PLACE, OR BE USED, STORED OR DISCARDED WITHIN THE RIGHT OF WAY. VEHICLES THAT BECOME INOPERABLE ON THE RIGHT OF WAY SHALL BE REMOVED AS PROMPTLY AS POSSIBLE. IN ADDITION, NO OVERNIGHT STORAGE OR PARKING OF EQUIPMENT, ASSOCIATED MACHINERY OR CONSTRUCTION TRAILERS IS AUTHORIZED IN THE RIGHT OF WAY, UNLESS OTHERWISE SPECIFICALLY AUTHORIZED HEREIN.

8. IF THE IMPROVEMENTS, WORK AND/OR USE AUTHORIZED BY THIS PERMIT (EITHER DURING CONSTRUCTION OR FOLLOWING COMPLETION) RESULT IN ANY DAMAGE TO THE DISTRICT'S RIGHT OF WAY (E.G., SHOALING, EROSION OR WASH-OUT OF ANY AREA IN THE RIGHT OF WAY), DISTRICT FACILITIES AND/OR ANY OTHER FACILITIES (AUTHORIZED OR UNAUTHORIZED), PERMITTEE SHALL BE SOLELY RESPONSIBLE FOR REPAIRING SUCH DAMAGE. IN ADVANCE OF PERFORMING ANY REPAIRS, PERMITTEE SHALL CONSULT WITH THE DISTRICT TO DETERMINE THE APPLICABLE DISTRICT PROCESSES AND REQUIREMENTS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, FILING AN APPLICATION FOR A RIGHT OF WAY OCCUPANCY PERMIT TO SECURE AUTHORIZATION TO PERFORM SUCH WORK. PERMITTEE SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY RESULTING FROM SUCH DAMAGE.
9. THE DISTRICT SHALL NOT BE LIABLE FOR ANY DAMAGE OR LOSS TO ANY IMPROVEMENTS AND/OR RELATED APPURTENANCES AUTHORIZED BY THIS PERMIT RESULTING FROM DISTRICT USE, OPERATION (E.G., GATE, PUMPING AND STRUCTURE OPERATIONS, WATER LEVEL MANAGEMENT, WATER FLOWS, FLUCTUATIONS AND OPERATIONS OF ITS STRUCTURES), ACTIVITY AND/OR MAINTENANCE OF OR IN ITS RIGHTS OF WAY OR OTHER WORKS OF THE DISTRICT.
10. IF STORM, HURRICANE OR EMERGENCY CIRCUMSTANCES DEVELOP, THE DISTRICT IS AUTHORIZED, AT ITS SOLE DISCRETION, TO TEMPORARILY OR PERMANENTLY SUSPEND OR TERMINATE THE AUTHORIZED USE. IN SUCH EVENT, THE DISTRICT WILL CONTACT PERMITTEE TO PROVIDE DIRECTION WHICH MAY INCLUDE, BUT IS NOT LIMITED TO, VACATING THE RIGHT OF WAY, REMOVING AND/OR SECURING EQUIPMENT AND/OR MATERIALS FROM THE RIGHT OF WAY, OR PERFORMING WORK TO ENSURE THAT THE RIGHT OF WAY IS SUFFICIENTLY RESTORED TO ACCOMMODATE DISTRICT OPERATIONS AND MAINTENANCE ACTIVITIES. PERMITTEE, INCLUDING ALL PERSONS, VENDORS, SUB-CONTRACTORS OR AGENTS OF PERMITTEE, SHALL BE REQUIRED TO COMPLY WITH DISTRICT DIRECTION. THE DISTRICT RESERVES THE RIGHT TO TERMINATE THE AUTHORIZED USE IF PERMITTEE FAILS TO MAKE SURE THAT ALL PARTIES COMPLY WITH THIS CONDITION.
11. PERMITTEE SHALL NOT STOCKPILE SOIL, MATERIALS OR DEBRIS IN THE RIGHT OF WAY. SUCH MATERIALS SHALL BE REMOVED FROM THE RIGHT OF WAY UNLESS OTHERWISE SET FORTH BY THE CONDITIONS OF THIS PERMIT. PERMITTEE SHALL EXERCISE BEST MANAGEMENT PRACTICES TO PREVENT EROSION OR SOILS FROM ENTERING THE CANAL DURING THE AUTHORIZED WORK, INCLUDING, BUT NOT LIMITED TO, THE TEMPORARY INSTALLATION OF SILT FENCE OR OTHER MEANS OF CONTAINMENT ACCEPTABLE TO THE DISTRICT.
12. THE DISTRICT'S REVIEW OF PERMITTEE'S PLANS IS LIMITED TO DETERMINING WHETHER THE PROPOSED WORK WILL IMPACT THE DISTRICT'S OPERATIONS AND MAINTENANCE OF ITS RIGHTS OF WAY OR FLOOD CONTROL SYSTEM. ISSUANCE OF THIS PERMIT BY THE DISTRICT SHALL NOT BE CONSTRUED BY PERMITTEE OR ANY OTHER PARTY AS APPROVAL BY THE DISTRICT OF THE DESIGN, ENGINEERING OR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. PERMITTEE SHALL BE SOLELY RESPONSIBLE FOR ENSURING THAT THE PROPOSED WORK IS DESIGNED, ENGINEERED AND CONSTRUCTED TO SERVE ITS INTENDED PURPOSE.

13. THE DISTRICT RESERVES THE RIGHT, AT ITS SOLE DISCRETION, TO REQUIRE AN INSPECTION REPORT FROM A PROFESSIONAL ENGINEER OR CONTRACTOR LICENSED IN THE STATE OF FLORIDA AT ANY TIME DURING WHICH THE AUTHORIZED WORK REMAINS IN THE RIGHT OF WAY TO VERIFY THAT THE AUTHORIZED WORK COMPLIES WITH INDUSTRY STANDARDS, PERFORMS THE FUNCTION FOR WHICH IT WAS DESIGNED AND IS SOUND AND POSES NO THREAT TO THE DISTRICT'S RIGHT OF WAY AND/OR OPERATION AND MAINTENANCE OF ITS FLOOD CONTROL SYSTEM. IF THE DISTRICT DETERMINES THAT REPAIR, REPLACEMENT OR REFURBISHMENT OF THE AUTHORIZED WORK IS REQUIRED, PERMITTEE SHALL IMMEDIATELY COMPLY WITH DISTRICT DIRECTION TO SECURE APPROVALS/PERMITS, AS MAY BE REQUIRED, AND TO PERFORM SUCH WORK WITHIN THE TIMEFRAME SET FORTH BY THE DISTRICT.
14. PERMITTEE SHALL BE SOLELY RESPONSIBLE FOR PERFORMING REGULAR AND ROUTINE INSPECTIONS OF THE IMPROVEMENTS AUTHORIZED BY THIS PERMIT AND CORRECTING ANY DEFICIENCIES IDENTIFIED BY SUCH INSPECTIONS TO ENSURE THAT THE IMPROVEMENTS CONTINUE TO COMPLY WITH THE PERMIT AND PERFORM, AS NEEDED, TO PROTECT PUBLIC HEALTH, SAFETY AND WELFARE.
15. PERMITTEE SHALL MAKE PROSPECTIVE BIDDERS AWARE OF THE TERMS AND CONDITIONS OF THIS PERMIT. PERMITTEE SHALL BE RESPONSIBLE FOR ALL ACTIONS OF ITS CONTRACTORS AND AGENTS AND TO ENSURE THAT PARTIES ACTING ON BEHALF OF PERMITTEE COMPLY WITH THE TERMS AND CONDITIONS OF THIS PERMIT.
16. PERMITTEE SHALL NEITHER CONSTRUCT, INSTALL OR PLACE ADDITIONAL IMPROVEMENTS WITHIN THE DISTRICT'S RIGHT OF WAY, NOR USE THE RIGHT OF WAY FOR ANY ACTIVITY (UNLESS EXPRESSLY AUTHORIZED BY THIS PERMIT) WITHOUT FIRST HAVING OBTAINED A MODIFICATION OF THIS PERMIT. OF PARTICULAR NOTE, THAT AREA MEASURING 40 FEET LANDWARD FROM THE TOP OF BANK SHALL REMAIN FREE AND CLEAR OF ANY OBSTRUCTIONS, IMPROVEMENTS OR USE, UNLESS OTHERWISE AUTHORIZED BY THIS PERMIT.
17. THIS PERMIT SHALL NOT BECOME VALID UNTIL ALL OTHER REQUIRED SOUTH FLORIDA WATER MANAGEMENT DISTRICT, LOCAL, COUNTY AND/OR STATE PERMITS OR OTHER AFFECTED PARTIES' APPROVALS HAVE BEEN OBTAINED. IF THERE IS A CONFLICT BETWEEN THE WORK AUTHORIZED BY THIS PERMIT AND A PERMIT OBTAINED FROM A DIFFERENT PUBLIC OR PRIVATE ENTITY, THE TERMS AND CONDITIONS OF THIS PERMIT SHALL PREVAIL AND HAVE SUPERIORITY.
18. A COPY OF THE PERMIT PACKAGE WILL BE KEPT AT THE JOB SITE UNTIL COMPLETION OF ALL PHASES OF CONSTRUCTION AND APPROVAL OF THE FINAL INSPECTION.
19. BASED ON THE DISTRICT'S RECORDS, THE DISTRICT IS NOT THE UNDERLYING FEE OWNER OF PORTIONS OF OR ALL THE LANDS SUBJECT TO THIS PERMIT; THEREFORE, PERMITTEE SHALL BE REQUIRED TO OBTAIN ALL NECESSARY APPROVALS FROM THE UNDERLYING FEE OWNER AS REQUIRED UNDER STANDARD LIMITING CONDITION NO. 5.
20. PERMITTEE IS ADVISED THAT THE DISTRICT HAS NO CONTROL OVER THE SALE OR TRANSFER OF REAL OR PERSONAL PROPERTY. IT IS THE SOLE OBLIGATION OF PERMITTEE TO DISCLOSE TO PROSPECTIVE PURCHASERS THE EXISTENCE OF THIS PERMIT, AND THE TERMS AND CONDITIONS CONTAINED HEREIN. BECAUSE THIS PERMIT IS A REVOCABLE LICENSE THAT DOES NOT ATTACH TO THE LAND, PERMITTEE CONTINUES TO BE OBLIGATED TO COMPLY WITH THIS PERMIT EVEN IF PERMITTEE SELLS OR TRANSFERS THE REAL PROPERTY ADJACENT TO OR ENCUMBERED BY DISTRICT RIGHT OF WAY. ACCORDINGLY, IT IS RECOMMENDED THAT PERMITTEE ENSURE THAT THIS PERMIT IS TRANSFERRED TO A NEW OWNER IN CONJUNCTION WITH ANY SALE OR TRANSFER OF THE SUBJECT REAL PROPERTY.

40E-6.381. Limiting Conditions

The District's authorization to utilize lands and other works constitutes a revocable license (including both notice general permits and standard permits). In consideration for receipt of that license, Permittees shall agree to be bound by the following standard limiting conditions, which shall be included within all permits issued pursuant to this chapter:

1. All structures on District works for lands constructed by Permittee shall remain the property of Permittee, who shall be solely responsible for ensuring that such structures and other uses remain in good and safe condition. Permittees are advised that other federal, state and local safety standards may govern the occupancy and use of the District's lands and works. The District assumes no duty with regard to ensuring that such uses are so maintained and assumes no liability with regard to injuries caused to others by any such failure.
2. Permittee solely acknowledges and accepts the duty and all associated responsibilities to incorporate safety features, which meet applicable engineering practice and accepted industry standards, into the design, construction, operation and continued maintenance of the permitted facilities/authorized use. This duty shall include, but not be limited to, Permittee's consideration of the District's regulation and potential fluctuation, without notice, of water levels in canals and works, as well as the Permittee's consideration of upgrades and modifications to the permitted facilities/authorized use which may be necessary to meet any future changes to applicable engineering practice and accepted industry standards. Permittee acknowledges that the District's review and issuance of this permit, including, but not limited to, any field inspections performed by the District, does not in any way consider or ensure that the permitted facilities/authorized use is planned, designed, engineered, constructed, or will be operated, maintained or modified so as to meet applicable engineering practice and accepted industry standards, or otherwise provide any safety protections. Permittee further acknowledges that any inquiries, discussions, or representations, whether verbal or written, by or with any District staff or representative during the permit review and issuance process, including, but not limited to, any field inspections, shall not in any way be relied upon by Permittee as the District's assumption of any duty to incorporate safety features, as set forth above, and shall also not be relied upon by Permittee in order to meet Permittee's duty to incorporate safety features, as set forth above.
3. Permittee agrees to abide by all of the terms and conditions of this permit, including any representations made on the permit application and related documents. This permit shall be subject to the requirements of Chapter 373, F.S., and Chapter 40E-6, F.A.C., including all subsequent rule and criteria revisions. Permittee agrees to pay all removal and restoration costs, investigative costs, court costs and reasonable attorney's fees, including appeals, resulting from any action taken by the District to obtain compliance with the conditions of the permit or removal of the permitted use. If District legal action is taken by staff counsel, "reasonable attorney's fees" is understood to mean the fair market value of the services provided, based upon what a private attorney would charge.
4. This permit does not create any vested rights, and except for governmental entities and utilities, is revocable at will upon reasonable prior written notice. Permittee bears all risk of loss as to monies expended in furtherance of the permitted use. Upon revocation, the Permittee shall promptly modify, relocate or remove the permitted use and properly restore the right of way to the District's satisfaction. In the event of failure to so comply within the specified time, the District may remove the permitted use and Permittee shall be responsible for all removal and restoration costs.
5. This permit does not convey any property rights nor any rights or privileges other than those specified herein and this permit shall not, in any way, be construed as an abandonment or any other such impairment or disposition of the District's property rights. The District approves the permitted use only to the extent of its interest in the works of the District. Permittee shall obtain all other necessary federal, state, local, special district and private authorizations prior to the start of any construction or alteration authorized by the permit. Permittee shall comply with any more stringent conditions or provisions which may be set forth in other

required permits or other authorizations. The District, however, assumes no duty to ensure that any such authorizations have been obtained or to protect the legal rights of the underlying fee owner, in those instances where the District owns less than fee.

6. Unless specifically prohibited or limited by statute, Permittee agrees to indemnify, defend and save the District (which used herein includes the District and its past, present and/or future employees, agents, representatives, officers and/or Governing Board members and any of their successors and assigns) from and against any and all lawsuits, actions, claims, demands, losses, expenses, costs, attorneys fees (including but not limited to the fair market value of the District's in-house attorneys' fees based upon private attorneys' fees/ rates), judgments and liabilities which arise from or may be related to the ownership, construction, maintenance or operation of the permitted use or the possession, utilization, maintenance, occupancy or ingress and egress of the District's right of way which arise directly or indirectly and are caused in whole or in part by the acts, omissions or negligence of the Permittee or of third parties. Permittee agrees to provide legal counsel acceptable to the District if requested for the defense of any such claims.

7. The District does not waive sovereign immunity in any respect.

8. The Permittee shall not engage in any activity regarding the permitted use which interferes with the construction, alteration, maintenance or operation of the works of the District, including:

- (a) discharge of debris or aquatic weeds into the works of the District;
- (b) causing erosion or shoaling within the works of the District;
- (c) planting trees or shrubs or erecting structures which limit or prohibit access by District equipment and vehicles, except as may be authorized by the permit. Permittee shall be responsible for any costs incurred by the District resulting from any such interference, as set forth in (a), (b), and (c), above.
- (d) leaving construction or other debris on the District's right of way or waterway;
- (e) damaging District berms and levees;
- (f) the removal of District owned spoil material;
- (g) removal of or damage to District locks, gates, and fencing;
- (h) opening of District rights of way to unauthorized vehicular access; or
- (i) running or allowing livestock on the District's right of way.

9. The District is not responsible for any personal injury or property damage which may directly or indirectly result from the use of water from the District's canal or any activities which may include use or contact with water from the District's canal, since the District periodically sprays its canals for aquatic weed control purposes and uses substances which may be harmful to human health or plant life.

10. Permittee shall allow the District to inspect the permitted use at any reasonable time.

11. Permittee shall allow, without charge or any interference, the District, its employees, agents, and contractors, to utilize the permitted facilities before, during and after construction for the purpose of conducting the District's, routine and emergency, canal operation, maintenance, and construction activities. To the extent there is any conflicting use, the District's use shall have priority over the Permittee's use.

12. This permit is a non-exclusive revocable license. Permittee shall not interfere with any other existing or future permitted uses or facilities authorized by the District.

13. The District has the right to change, regulate, limit, schedule, or suspend discharges into, or withdrawals from, works of the District in accordance with criteria established by the Big Cypress Basin, the District, or the U.S. Army Corps of Engineers for the works of the District.

14. If the use involves the construction of facilities for a non exempt water withdrawal or surface water discharge, the applicant must apply for and obtain a water use or surface water management permit before or concurrently with any activities which may be conducted pursuant to the right of way occupancy permit.

15. The District shall notify the local ad valorem taxing authority of the lands affected by the permitted use,

where the Permittee owns the underlying fee and derives a substantial benefit from the permitted use. The taxing authority may reinstate such lands on the tax roll. Failure to pay all taxes in a timely manner shall result in permit revocation. Such permit revocation shall not alleviate the responsibility of the Permittee to pay all taxes due and payable.

16. Permittee shall provide prior written notice to their successors in title of the permit and its terms and conditions.

17. Permittee authorizes the District to record a Notice of Permit through filing the appropriate notice in the public records of the county or counties where the project is. Governmental entities and utilities are not subject to this provision.

18. Permittee shall be responsible for the repair or replacement of any existing facilities located within the District's right of way which are damaged as a result of the installation or maintenance of the authorized facility.

19. All obligations under the terms of this permit authorization and any subsequent modifications hereto shall be joint and several as to all owners.

20. It is the responsibility of the Permittee to make prospective bidders aware of the terms and conditions of this permit. It shall be the responsibility of the Permittee's contractors to understand the terms and conditions of this permit and govern themselves accordingly.

21. It is the responsibility of the Permittee to bring to the attention of the District any conflict in the permit authorization or permit conditions in order that they may be resolved prior to the start of construction. In resolving such conflicts the District's determination will be final.

22. Special Conditions that are site specific shall be incorporated into every Permit as may be necessary in the best interest of the District.

23. The District is not responsible for the repair of or claims of damage to any facilities and uses which may incur damage resulting from the District's utilization of its rights of way or use by third parties. Improvements placed within the right of way are done so at the sole risk of the owner.

Rulemaking Authority 373.044, 373.113 FS. Law Implemented 373.085(1), 373.086, 373.103, 373.109, 373.129, 373.1395, 373.603, 373.609, 373.613 FS. History--New 9-3-81, Formerly 16K-5.01(2), 16K-5.02(2), 16K-5.03(2), 16K-5.04(4), 16K-5.05, Amended 5-30-82, 12-29-86, 12-24- 91, 9-15-99, 8-12-13.

Exhibits

The following exhibits to this permit are incorporated by reference. The exhibits can be viewed by clicking on the links below

[Snowden Canal and CS S&S.pdf](#)

[0_Snowden Pedestrian Bridge Set S&S.pdf](#)

[4 Stormwater pollution prevention plans SBr.pdf](#)

[5 Lighting plans details SBr.pdf](#)

[408 Authorization.pdf](#)

[02220 Excavation and Backfilling.pdf](#)

[Concept Only Approval - Additional Permitting Requirements.pdf](#)

NOTICE OF RIGHTS

As required by Sections 120.569 and 120.60(3), Fla. Stat., the following is notice of the opportunities which may be available for administrative hearing or judicial review when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Not all of the legal proceedings detailed below may be an applicable or appropriate remedy. You may wish to consult an attorney regarding your legal rights.

RIGHT TO REQUEST ADMINISTRATIVE HEARING

A person whose substantial interests are or may be affected by the South Florida Water Management District's (SFWMD or District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569 and 120.57, Fla. Stat. Persons seeking a hearing on a SFWMD decision which affects or may affect their substantial interests shall file a petition for hearing with the Office of the District Clerk of the SFWMD, in accordance with the filing instructions set forth herein, within 21 days of receipt of written notice of the decision, unless one of the following shorter time periods apply: (1) within 14 days of the notice of consolidated intent to grant or deny concurrently reviewed applications for environmental resource permits and use of sovereign submerged lands pursuant to Section 373.427, Fla. Stat.; or (2) within 14 days of service of an Administrative Order pursuant to Section 373.119(1), Fla. Stat. "Receipt of written notice of agency decision" means receipt of written notice through mail, electronic mail, or posting that the SFWMD has or intends to take final agency action, or publication of notice that the SFWMD has or intends to take final agency action. Any person who receives written notice of a SFWMD decision and fails to file a written request for hearing within the timeframe described above waives the right to request a hearing on that decision.

If the District takes final agency action which materially differs from the noticed intended agency decision, persons who may be substantially affected shall, unless otherwise provided by law, have an additional Rule 28-106.111, Fla. Admin. Code, point of entry.

Any person to whom an emergency order is directed pursuant to Section 373.119(2), Fla. Stat., shall comply therewith immediately, but on petition to the board shall be afforded a hearing as soon as possible.

A person may file a request for an extension of time for filing a petition. The SFWMD may, for good cause, grant the request. Requests for extension of time must be filed with the SFWMD prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and that the SFWMD and any other parties agree to or oppose the extension. A timely request for an extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

FILING INSTRUCTIONS

A petition for administrative hearing must be filed with the Office of the District Clerk of the SFWMD. Filings with the Office of the District Clerk may be made by mail, hand-delivery, or e-mail. Filings by facsimile will not be accepted. A petition for administrative hearing or other document is deemed filed upon receipt during normal business hours by the Office of the District Clerk at SFWMD headquarters in West Palm Beach, Florida. The District's normal business hours are 8:00 a.m. – 5:00 p.m., excluding weekends and District holidays. Any document received by the Office of the District Clerk after 5:00 p.m. shall be deemed filed as of 8:00 a.m. on the next regular business day.

Additional filing instructions are as follows:

- Filings by mail must be addressed to the Office of the District Clerk, P.O. Box 24680, West Palm Beach, Florida 33416.
- Filings by hand-delivery must be delivered to the Office of the District Clerk. Delivery of a petition to the SFWMD's security desk does not constitute filing. It will be necessary to request that the SFWMD's

security officer contact the Office of the District Clerk. An employee of the SFWMD's Clerk's office will receive and file the petition.

- Filings by e-mail must be transmitted to the Office of the District Clerk at clerk@sfwmd.gov. The filing date for a document transmitted by electronic mail shall be the date the Office of the District Clerk receives the complete document. A party who files a document by e-mail shall (1) represent that the original physically signed document will be retained by that party for the duration of the proceeding and of any subsequent appeal or subsequent proceeding in that cause and that the party shall produce it upon the request of other parties; and (2) be responsible for any delay, disruption, or interruption of the electronic signals and accepts the full risk that the document may not be properly filed.

INITIATION OF ADMINISTRATIVE HEARING

Pursuant to Sections 120.54(5)(b)4. and 120.569(2)(c), Fla. Stat., and Rules 28-106.201 and 28-106.301, Fla. Admin. Code, initiation of an administrative hearing shall be made by written petition to the SFWMD in legible form and on 8 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, SFWMD file number or any other SFWMD identification number, if known.
2. The name, address, any email address, any facsimile number, and telephone number of the petitioner and petitioner's representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the SFWMD's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the SFWMD's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the SFWMD's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the SFWMD to take with respect to the SFWMD's proposed action.

MEDIATION

The procedures for pursuing mediation are set forth in Section 120.573, Fla. Stat., and Rules 28-106.111 and 28-106.401–.405, Fla. Admin. Code. The SFWMD is not proposing mediation for this agency action under Section 120.573, Fla. Stat., at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Section 120.68, Fla. Stat., and in accordance with Florida Rule of Appellate Procedure 9.110, a party who is adversely affected by final SFWMD action may seek judicial review of the SFWMD's final decision by filing a notice of appeal with the Office of the District Clerk of the SFWMD in accordance with the filing instructions set forth herein within 30 days of rendition of the order to be reviewed, and by filing a copy of the notice with the clerk of the appropriate district court of appeal.

Rev. 06/21/15



**South Florida Water Management District
Environmental Resource General Permit No. 13-104699-P
Date Issued: February 15, 2021**

Permittee: Miami Dade County
701 NW 1st Court Suite 1500
Miami, FL 33136

Project: Snowden Pedestrian Bridge

Location: Miami-Dade County, See Exhibit 1

Application No. 210121-5164

Description: This project proposes the replacement of a pedestrian bridge and dredging of 0.073 acres within the C-100 Canal.

Rule: **62-330.443, F.A.C.:** General Permit to the Florida Department of Transportation, Counties, and Municipalities for Minor Bridge Alteration, Placement, Replacement, Removal, Maintenance, and Operation

Expiration: February 15, 2026

Your application to use a General Environmental Resource Permit has been approved. This action is taken based on Chapter 373, Part IV, of Florida Statutes (F.S.) and the rules in Chapter 62-330, Florida Administrative Code (F.A.C.). Please read this entire agency action thoroughly and understand its contents.

This permit is subject to:

- Not receiving a filed request for a Chapter 120, F.S., administrative hearing.
- The attached General Conditions for Environmental Resource General Permits.
- The attached Specific Conditions.
- All referenced Exhibits.

Should you object to these conditions, please refer to the attached "Notice of Rights" which addresses the procedures to be followed if you desire a public hearing or other review of the proposed agency action. Please contact this office if you have any questions concerning this matter. If we do not hear from you in accordance with the "Notice of Rights", we will assume that you concur with the District's action.

Certificate of Service

I hereby certify that this written notice has been mailed or electronically transmitted to the Permittee (and the persons listed in the distribution list) on February 15, 2021, in accordance with Section 120.60(3), F.S. Notice was also electronically posted on this date through a link on the home page of the District's website (www.sfwmd.gov/ePermitting).

A handwritten signature in black ink that reads "Barbara Conmy".

Barbara Conmy
Section Leader

General Conditions for All General Permits, 62-330.405, F.A.C.

1. The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit and shall subject the permittee to enforcement action and revocation of the permit under Chapter 373, F.S.
2. The general permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any construction, alteration, operation, maintenance, removal or abandonment authorized by this permit; and it does not authorize any violation of any other applicable federal, state, local, or special district laws (including, but not limited to, those governing the "take" of listed species).
3. This general permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the general permit.
4. The general permit does not relieve the permittee from liability and penalties when the permitted activity causes harm or injury to: human health or welfare; animal, plant or aquatic life; or property. It does not allow the permittee to cause pollution that violates state water quality standards.
5. Section 253.77, F.S., provides that a person may not commence any excavation, construction, or other activity involving the use of state-owned or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required consent, lease, easement, or other form of authorization authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on state-owned lands.
6. The authorization to conduct activities under a general permit may be modified, suspended or revoked in accordance with Chapter 120, F.S., and Section 373.429, F.S.
7. The general permit is not transferable to a new third party. To be used by a different permittee, a new notice to use a general permit must be submitted in accordance with rule 62-330.402, F.A.C. Activities constructed in accordance with the terms and conditions of a general permit are automatically authorized to be operated and maintained by the permittee and subsequent owners in accordance with subsection 62-330.340(1), F.A.C. Any person holding the general permit, persons working under the general permit, and owners of land while work is conducted under the general permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to sale, conveyance, or other transfer of ownership or control of the permitted project, activity, or the real property at which the permitted project or activity is located.
8. Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the permitted system to ensure conformity with the plans and specifications approved by the general permit.
9. The permittee shall maintain any permitted project or activity in accordance with the plans submitted to the Agency and authorized in this general permit.

10. A permittee's right to conduct a specific activity under this general permit is authorized for a duration of five years.
11. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be implemented and maintained immediately prior to, during, and after construction as needed to stabilize all disturbed areas, including other measures specified in the permit to prevent adverse impacts to the water resources and adjacent lands. Erosion and sediment control measures shall be installed and maintained in accordance with the State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation, June 2007), available at <https://www.flrules.org/Gateway/reference.asp?No=Ref-04227>, and the Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), available at http://publicfiles.dep.state.fl.us/DEAR/Stormwater_Training_Docs/erosion-inspectors-manual.pdf.
12. Unless otherwise specified in the general permit, temporary vehicular access within wetlands during construction shall be performed using vehicles generating minimum ground pressure to minimize rutting and other environmental impacts. Within forested wetlands, the permittee shall choose alignments that minimize the destruction of mature wetland trees to the greatest extent practicable. When needed to prevent rutting or soil compaction, access vehicles shall be operated on wooden, composite, metal, or other non-earthen construction mats. In all cases, access in wetlands shall comply with the following:
 - (a) Access within forested wetlands shall not include the cutting or clearing of any native wetland tree having a diameter four inches or greater at breast height;
 - (b) The maximum width of the construction access area shall be limited to 15 feet;
 - (c) All mats shall be removed as soon as practicable after equipment has completed passage through, or work has been completed, at any location along the alignment of the project, but in no case longer than seven days after equipment has completed work or passage through that location; and
 - (d) Areas disturbed for access shall be restored to natural grades immediately after the maintenance or repair is completed.
13. Barges or other work vessels used to conduct in-water activities shall be operated in a manner that prevents unauthorized dredging, water quality violations, and damage to submerged aquatic communities.
14. The construction, alteration, or use of the authorized project shall not adversely impede navigation or create a navigational hazard in the water body.
15. Except where specifically authorized in the general permit, activities must not:
 - (a) Impound or obstruct existing water flow, cause adverse impacts to existing surface water storage and conveyance capabilities, or otherwise cause adverse water quantity or flooding impacts to receiving water and adjacent lands; or
 - (b) Cause an adverse impact to the maintenance of surface or ground water levels or surface water flows established pursuant to section 373.042, F.S., or a Works of the District established pursuant to section 373.086, F.S.
16. If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, stone tools, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all

activities involving subsurface disturbance in the vicinity of the discovery. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section (DHR), at (850)245-6333, as well as the appropriate permitting agency office. Project activities shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and the proper authorities notified in accordance with section 872.05, F.S.

17. The activity must be capable, based on generally accepted engineering and scientific principles, of being performed and of functioning as proposed, and must comply with any applicable District special basin and geographic area criteria.
18. The permittee shall comply with the following when performing work within waters accessible to federally- or state-listed aquatic species, such as manatees, marine turtles, smalltooth sawfish, and Gulf sturgeon:
 - (a) All vessels associated with the project shall operate at "Idle Speed/No Wake" at all times while in the work area and where the draft of the vessels provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
 - (b) All deployed siltation or turbidity barriers shall be properly secured, monitored, and maintained to prevent entanglement or entrapment of listed species.
 - (c) All in-water activities, including vessel operation, must be shut down if a listed species comes within 50 feet of the work area. Activities shall not resume until the animal(s) has moved beyond a 50-foot radius of the in-water work, or until 30 minutes elapses since the last sighting within 50 feet. Animals must not be herded away or harassed into leaving. All onsite project personnel are responsible for observing water-related activities for the presence of listed species.
 - (d) Any listed species that is killed or injured by work associated with activities performed shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1(888)404-3922 and ImperiledSpecies@myFWC.com.
 - (e) Whenever there is a spill or frac-out of drilling fluid into waters accessible to the above species during a directional drilling operation, the FWC shall be notified at ImperiledSpecies@myfwc.com with details of the event within 24 hours following detection of the spill or frac-out.
19. The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any activity authorized by the general permit.
20. The permittee shall immediately notify the Agency in writing of any submitted information that is discovered to be inaccurate.

Specific Conditions for General Permits, 62-330.443, F.A.C.

1. (a) No dredging of access or work channels is authorized by this general permit;
- (b) Temporary fill roads shall not be constructed waterward of mean high water or ordinary high water;
- (c) All fill placed in wetlands, other than fill on which a bridge or approach is constructed, shall be regraded to the original wetland elevations and revegetated with native wetland species endemic to adjoining, undisturbed wetlands, within seven days of completion of construction. Within "clear zones," revegetation shall be with native herbaceous species endemic to adjoining, undisturbed wetlands. During the five-year period following the initial planting or restoration of the site, these areas shall be maintained to ensure planted or naturally recruited native wetland species are surviving and growing, and that the areal coverage of exotic and invasive species constitutes less than 10% areal coverage;
- (d) Hydraulic openings of bridges shall be sufficient to prevent downstream scour, increased downstream water velocities, and increased flood elevations on the property of others;
- (e) Minimum horizontal and vertical navigational clearances on bridges over navigable waters of the United States shall be established in accordance with procedures outlined in Chapter 2 of the U.S. Coast Guard Bridge Administration Manual, COMDTINST M16590.5C, (March 26, 2004), and in no circumstance shall placement or replacement of a bridge result in a reduction of horizontal and vertical navigational clearances;
- (f) Replacement or modification of a bridge that includes changes in the configuration of the bridge and fill areas due to changes in materials, construction techniques, or meeting current construction codes or safety standards are authorized under this permit. Any connecting road expansion or alteration associated with such replacement or modification must be authorized by a separate general or individual permit under chapter 62-330, F.A.C., as applicable, before the start of construction; and
- (g) This general permit does not authorize the construction of additional travel lanes for motorized vehicles, except that any single-lane bridge may be widened to two travel lanes, provided the bridge widening does not exceed that reasonably necessary to match the existing travel lane alignment of a two-lane road. This permit does not authorize new corridors or roadway connections where there is no existing structure over wetlands or waterways.

Distribution List

Andrea Travani, Pedelta

Department of Regulatory and Economic Resources

Department of Regulatory and Economic Resources

Div of Recreation and Park - District 5

US Army Corps of Engineers - Permit Section

Miami-Dade County - RER

Miami-Dade County - RER

Exhibits

The following exhibits to this permit are incorporated by reference. The exhibits can be viewed by clicking on the links below or by visiting the District's ePermitting website (<http://my.sfwmd.gov/ePermitting>) and searching under this application number 210121-5164 .

[Exhibit No. 1.0 Location Map](#)

[Exhibit No. 2.0 Project Plans](#)

NOTICE OF RIGHTS

As required by Chapter 120, Florida Statutes, the following provides notice of the opportunities which may be available for administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes, or judicial review pursuant to Section 120.68, Florida Statutes, when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Some of the legal proceedings detailed below may not be applicable or appropriate for your situation. You may wish to consult an attorney regarding your legal rights.

RIGHT TO REQUEST ADMINISTRATIVE HEARING

A person whose substantial interests are or may be affected by the South Florida Water Management District's (District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569 and 120.57, Florida Statutes. Persons seeking a hearing on a District decision which affects or may affect their substantial interests shall file a petition for hearing in accordance with the filing instructions set forth herein within 21 days of receipt of written notice of the decision unless one of the following shorter time periods apply: (1) within 14 days of the notice of consolidated intent to grant or deny concurrently reviewed applications for environmental resource permits and use of sovereign submerged lands pursuant to Section 373.427, Florida Statutes; or (2) within 14 days of service of an Administrative Order pursuant to Section 373.119(1), Florida Statutes. "Receipt of written notice of agency decision" means receipt of written notice through mail, electronic mail, posting, or publication that the District has taken or intends to take final agency action. Any person who receives written notice of a District decision and fails to file a written request for hearing within the timeframe described above waives the right to request a hearing on that decision.

If the District takes final agency action that materially differs from the noticed intended agency decision, persons who may be substantially affected shall, unless otherwise provided by law, have an additional point of entry pursuant to Rule 28-106.111, Florida Administrative Code.

Any person to whom an emergency order is directed pursuant to Section 373.119(2), Florida Statutes, shall comply therewith immediately, but on petition to the board shall be afforded a hearing as soon as possible.

A person may file a request for an extension of time for filing a petition. The District may grant the request for good cause. Requests for extension of time must be filed with the District prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and whether the District and any other parties agree to or oppose the extension. A timely request for an extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

FILING INSTRUCTIONS

A petition for administrative hearing must be filed with the Office of the District Clerk. Filings with the Office of the District Clerk may be made by mail, hand-delivery, or e-mail. Filings by facsimile will not be accepted. A petition for administrative hearing or other document is deemed filed upon receipt during normal business hours by the Office of the District Clerk at the District's headquarters in West Palm Beach, Florida. The District's normal business hours are 8:00 a.m. – 5:00 p.m., excluding weekends and District holidays. Any document received by the Office of the District Clerk after 5:00 p.m. shall be deemed filed as of 8:00 a.m. on the next regular business day.

Additional filing instructions are as follows:

- Filings by mail must be addressed to the Office of the District Clerk, 3301 Gun Club Road, West Palm Beach, Florida 33406.
- Filings by hand-delivery must be delivered to the Office of the District Clerk. Delivery of a petition to the District's security desk does not constitute filing. It will be necessary to request that the District's security officer contact the Office of the District Clerk. An employee of the District's Clerk's office will receive and process the petition.
- Filings by e-mail must be transmitted to the Office of the District Clerk at clerk@sfwmd.gov. The filing date for a document transmitted by electronic mail shall be the date the Office of the District Clerk receives the complete document.

INITIATION OF ADMINISTRATIVE HEARING

Pursuant to Sections 120.54(5)(b)4. and 120.569(2)(c), Florida Statutes, and Rules 28-106.201 and 28-106.301, Florida Administrative Code, initiation of an administrative hearing shall be made by written petition to the District in legible form and on 8 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, District file number or any other District identification number, if known.
2. The name, address, any email address, any facsimile number, and telephone number of the petitioner, petitioner's attorney or qualified representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the District's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the District's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the District's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the District to take with respect to the District's proposed action.

MEDIATION

The procedures for pursuing mediation are set forth in Section 120.573, Florida Statutes, and Rules 28-106.111 and 28-106.401–.405, Florida Administrative Code. The District is not proposing mediation for this agency action under Section 120.573, Florida Statutes, at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Section 120.68, Florida Statutes, and in accordance with Florida Rule of Appellate Procedure 9.110, a party who is adversely affected by final District action may seek judicial review of the District's final decision by filing a notice of appeal with the Office of the District Clerk in accordance with the filing instructions set forth herein within 30 days of rendition of the order to be reviewed, and by filing a copy of the notice with the appropriate district court of appeals via the Florida Courts E-Filing Portal.