



INVITATION TO BID (ITB)
Contract #: O-5625
LAKWOOD DRIVE RETAINING WALL AND SIDEWALK REPAIR

ITB Issue Date & Cone of Silence Effective Date: 10/6/2025

ITB Response Due Date: 11/19/25

RESPONSIBLE DEPARTMENT

Operations:
PM: Brian McElroy

PROCUREMENT DEPARTMENT

Toni-Catherine Atkinson, Procurement Manager
1104 East Twiggs Street, Suite 300
Tampa, Florida 33602
Telephone Number: (813) 272-6740
Email: Procurement@tampa-xway.com

THE RESPONSIBILITY OF SUBMITTING A BID PROPOSAL PACKAGE IN RESPONSE TO THIS SOLICITATION DOCUMENT TO THEA ON OR BEFORE THE STATED DEADLINE SHALL BE SOLELY AND STRICTLY OF THE BIDDER. THEA SHALL IN NO WAY BE RESPONSIBLE FOR DELAYS CAUSED BY THE UNITED STATES MAIL, OR ANY OTHER DELIVERY SERVICE, OR CAUSED BY ANY OTHER OCCURRENCE.

BIDDERS SHALL READ THE SOLICITATION IN ITS ENTIRETY PRIOR TO SUBMITTING A BID PACKAGE.

BY SUBMITTING A BID PROPOSAL PACKAGE, THE BIDDER ACKNOWLEDGES THEY HAVE READ, UNDERSTAND, AND ACCEPT THE TERMS AND CONDITIONS TO BE MET AND THE CHARACTER AND QUALITY OF THE SCOPE OF WORK TO BE PROVIDED

Legal Entity Name (Bidder): _____
Address of Bidder: _____
FEIN: _____
Name of Authorized Officer: _____ Title: _____
E-mail: _____ Phone Number: _____

Attachments and/or References not attached hereto will be supplied upon request and shared via a OneDrive File Share. Please contact the Procurement Office

Exhibits -

- Scope of Work
- Public Entity Crime
- Drug-Free Workplace
- Bid Proposal Form
- Bid Tabulation Sheet
- Conflict of Interest Form
- Experience and References
- Insurance Requirements, Coverage and Limits
- Bid Bond
- Payment and Performance Bond
- Certification Regarding Scrutinized Companies List

References/Construction Drawings/Specification Attachment(s)-

1. O-00619D_THEA Lakewood Repair_Specifications_2025-09-25_S+S
2. O-00619D_THEA Lakewood Repair_Technical Special Provision_2025-09-25_S+S
3. O-00619D_THEA Lakewood Repairs_Final Plans_2025-09-25_S+S

I. INTRODUCTION

The Tampa-Hillsborough County Expressway Authority (THEA) is soliciting sealed bids from qualified firms to provide all the permits, labor, equipment, materials, tools, transportation, supplies, insurance, incidentals, mobilization, demobilization and maintenance of traffic necessary to perform infrastructure repairs for on the Lee Roy Selmon Expressway on the east side of Lakewood Drive (SR 618A) between Morrison Road and Oakfield Drive. The title of the project is as follows:

- O-5625 Lakewood Drive Retaining Wall and Sidewalk Repair

INSTRUCTIONS TO BIDDERS

1. THEA must receive all submittals at the location, date, and time identified in **Section VI., Schedule of Events**. Any submittal received after the stated time and date shall not be considered. It shall be the sole responsibility of the firm to have its package delivered to THEA. Delay in delivery shall not be the responsibility of THEA. Submittals received after the deadline shall not be considered and may be returned only at the firm's expense.
2. Each bidder shall examine all documents and shall determine all matters relating to the interpretation of such documents.
3. The following exhibits are required by THEA to be completed by the bidder and submitted as part of the bid proposal package:
 - Public Entity Crime
 - Drug-Free Workplace
 - Bid Proposal Form
 - Bid Tabulation Sheet
 - Conflict of Interest Form
 - Experience and References
 - Insurance Requirements, Coverage and Limits
 - Bid Bond Form
 - Payment and Performance Bond
 - Certification Regarding Scrutinized Companies List
4. A surety commitment letter is required to be submitted as part of the bid proposal package. The bidder is required to provide proof of bonding capacity and provide acknowledgment by the bidder's surety (equal to 10% of bid amount) of the ability to provide the required Payment and Performance Bond and Bid Bonds.
5. Proof of insurance is required to be submitted as part of the bid proposal package. The bidder must provide evidence of the bidder's ability to provide the insurance coverage required in the Insurance Requirements, Coverages, and Limits exhibit either by means of an existing policy or other verifiable proof (such as an agent/broker commitment letter).
6. The Authority requires electronic submission of bids and proposals. One (1) original, combined pdf bid proposal package including the required forms above must be e-mailed to THEA's Procurement Department, clearly labeled, "**O-5625 Lakewood Drive Retaining Wall and Sidewalk Repair**" sent to:

Procurement Office

Procurement@tampa-xway.com

Or:

Please submit electronic responses via the Authority's eProcurement Portal:

<https://procurement.opengov.com/portal/tampaxway>.

By way of the eProcurement Portal, responses will be locked and digitally encrypted until the submission deadline passes.

7. THEA shall not be liable for any expenses incurred in the preparation of the bid proposal package.
8. THEA reserves the right to accept or reject any or all bid proposal packages, to waive irregularities and technicalities, and to request resubmission or to re-advertise for all or any part of the work. THEA shall be the sole judge of the submittals and the resulting negotiated agreement that is in THEA's best interest, and THEA's decision shall be final.
9. The successful bidder shall be required to execute a contract, in form and content acceptable to THEA, indemnifying and holding harmless THEA, its officials, officers, employees, and agents from all claims.

10. CONE OF SILENCE

Firms, their agents, or associates shall refrain from contacting or soliciting any THEA staff, the consultants representing THEA regarding this ITB or members of the Board of Directors directly or indirectly regarding this ITB and this solicitation once the ITB is published and until the Board of Directors has made a final decision to award the contract. Failure to comply with this provision may result in the disqualification of the firm.

AT THE DISCRETION OF THEA, ANY VIOLATION OF THE REQUIREMENTS SET FORTH IN THIS SECTION SHALL CONSTITUTE GROUNDS FOR IMMEDIATE REJECTION OF THE BID PROPOSAL PACKAGE AND THE BIDDER SHALL BE DEEMED NON-RESPONSIVE.

11. Questions about this ITB for interpretation, clarification or about the project must be in writing addressed to THEA Procurement Department at Procurement@tampa-xway.com. To be considered, such requests must be received no later than the date and time stated for the deadline for respondent's submission of questions to THEA referenced in Section VI., Schedule of Events. Questions received after the date will not be considered.

II. QUALIFICATIONS:

1. The bidder must include with its bid proposal package all completed required forms as indicated in Section II Instructions to Bidders. Failure to submit all completed forms may be cause for rejection at the sole discretion of THEA. Only bidders with FDOT pre-qualification listed below at the time of submittal are eligible for selection. Contractors must have a current certificate of qualification in accordance with Florida Statute 337.14(1) and Rule Chapter 14-22, Florida Administrative Code, on the date of the letting to bid on construction projects over \$250,000.00.

III. DOING BUSINESS IN THE STATE OF FLORIDA

All bidders shall be in good standing with and authorized to do business in the State of Florida. Furthermore, it is the responsibility of the bidder to confirm that all of its subcontractors are also in good

standing and authorized to do business in the State of Florida as may be required pursuant to §607.1501, §605.0902, and §605.0905 Florida Statutes.

If a bidder is not required to register pursuant to Florida Statutes, the successful bidder must be able to submit documentation demonstrating non-applicability of the statute.

THEA shall not execute an agreement if the successful bidder and subcontractors are not registered and in good standing to do business in the State of Florida as required by the referenced Florida Statutes.

IV. SELECTION PROCESS

THEA intends to purchase the services from the responsible and responsive bidder. The selection process for this ITB will consist of the following.

- Bid proposal packages will be evaluated on whether the bidder is responsible and responsive to this solicitation, with the objective to evaluate those bids and responses and to award a contract for the work to the firm with the **lowest total bid price**.
- THEA will determine if the bid is responsive and is a responsible bidder, in its sole and absolute discretion, considering all relevant facts and information. THEA reserves the right at its sole discretion to reject any and all bids if it is determined the total bid price is excessive, best offers are determined to be unreasonable, or it is in THEA's best interest to do so.
- The required bond forms are to be submitted to the THEA Procurement Office with the responsive bid proposal package, after Board approval of Final Ranking and Award of Contract.

FINAL SELECTION:

The bidder with the **lowest total bid price** will be presented to THEA's Board of Directors for consideration and approval with a recommendation that the bidder be selected per the Schedule of Events below.

V. SCHEDULE OF EVENTS

DATE	DESCRIPTION	LOCATION
October 6 th , 2025, by 5:00 PM	Advertisement Published	THEA Website & Demandstar & OpenGov ePortal
October 17 th , 2025, by 9:00 AM	Deadline for Respondent's submission of questions to THEA	Email to Procurement@tampa-xway.com or upload to OpenGov ePortal
October 31 st , 2025, by 5:00 PM	Deadline for THEA to respond to Respondent's questions	THEA Website, Demandstar & OpenGov ePortal
November 19 th , 2025, by 9:00 AM	Deadline for Submitting Bid Proposal Package	Email to Procurement@tampa-xway.com or upload to OpenGov ePortal
November 24 th , 2025, 11:00 AM	Public Opening of Bid Proposal Packages	THEA Office 1101 E. Twiggs Street, Suite 300 Tampa, FL 33602
November 26 th , 2025, by 5:00 PM	Post Notice of Intended Ranking	THEA Website, Demandstar & OpenGov ePortal

December 1st, 2025, 1:30 PM	Board Approval of Final Ranking & Award of Contract	THEA Office 1101 E. Twiggs Street, Suite 300 Tampa, FL 33602
December 2nd, 2025, by 5:00 PM	Posting of Award of Contract	THEA Website, Demandstar & OpenGov ePortal

VI. TERMS AND CONDITIONS

THEA reserves the right to reject all bid proposal packages, any bid proposal packages not conforming to this Invitation to Bid, and to waive any irregularity or informality with respect to any proposal. THEA further, reserves the right to request clarification of information submitted and to request additional information from one or more firms.

THEA requires that the bidder selected will not discriminate against any person in accordance with federal, state, and local governments' regulations. THEA requires the bidder selected make an affirmative statement to the effect that their retention shall not result in conflict of interests with respect to THEA.

THEA requires that the bidder make an affirmative statement to the effect that they have not contacted, or attempted to contact, any member of the Board of Directors, or THEA staff, except as expressly permitted in the ITB.

EXHIBIT A



I. INTRODUCTION

The Tampa Hillsborough Expressway Authority (THEA) is soliciting sealed bids from qualified firms to provide all the permits, labor, equipment, materials, tools, transportation, supplies, insurance, incidentals, mobilization, demobilization and maintenance of traffic necessary to perform infrastructure repairs for the Tampa-Hillsborough County Expressway Authority's on the east side of Lakewood Drive (SR 618A) between Morrison Road and Oakfield Drive. The title of the project is as follows:

- Lakewood Drive Retaining Wall and Sidewalk Repair

II. EXISTING CONDITIONS

Lakewood Drive was improved from the Selmon Expressway's Brandon Parkway north to SR 60 in Brandon in the 2000's. The facility is primarily an urban four or six lane divided arterial typical section. A cast in place retaining wall was constructed on the east side of Lakewood Avenue to support the roadway where it abutted an existing drainage area for adjacent properties. Over the last year the retaining wall and sidewalk has deteriorated due to the effects of the excessive rainfall from Hurricanes Helene and Milton and other factors and needs to be brought back to near the original configuration to function as originally designed.

III. SCOPE OF WORK

SUMMARY OF WORK

1. DESCRIPTION

- 1.01 This section provides a general summary or overview of the work to be performed in the Invitation to Bid (ITB) No. O-TBD. In performing the work, the contract documents, shall be adhered to. This project is to be let as a bid quantities project.

2. SCOPE OF WORK

- 2.01 The general Scope of Work consists of, but is not limited to: Providing all the permits, labor, equipment, materials, tools, transportation, supplies, insurance, incidentals, mobilization, demobilization and maintenance of traffic necessary to:

- 2.01.01 Install all required erosion control items to properly implement the Stormwater Pollution Prevention Plan (SWPPP) to meet permitting requirements under the National Pollutant Discharge Elimination System (NPDES) Construction Generic permit.
- 2.01.02 Clear and grub and regrade the construction area.
- 2.01.03 Remediate the wall using two component polyurethane injection. Desilt pipes, repair and replace sidewalk, handrail, fencing, and

drainage structures as designated in the plans.

- 2.01.04 The contractor will be responsible for the proper removal and disposal of any surplus materials.
- 2.01.05 Replace disturbed grass areas with sod to their pre-construction conditions or Fabric-Formed Concrete as designated in the plans.

- 2.02 The Contractor is responsible for all tolls incurred.
- 2.03 Mainline and ramp lane closures are permitted during the following hours: 9:00 AM to 3:00 PM and 7:00 PM to 5:00 AM.
- 2.04 A lane may only be closed during active work periods, and during the times noted above. All lane closures, including ramp closures, must be reported to the Authority's Project Manager and Public Information Officer a minimum of fourteen (14) calendar days prior to each closure. Also, the Contractor shall develop the Project to be able to provide for all lanes of traffic to be open in the event of an emergency.

3. SUBMITTALS

- 3.01 Submit the following in accordance with shop drawing submittal requirements of the General Provisions.
 - 3.01.01 Shop drawings. Any required shop drawings shall be prepared and submitted to THEA for approval.
 - 3.01.02 Schedule. Prior to beginning work, the Contractor shall prepare and submit to THEA for approval a schedule showing proposed dates for the project.

4. CONTRACT DRAWINGS

- 4.01 Construction drawings and specifications have been prepared for this project.
 - 4.01.01 Construction Drawings
 - Lakewood Drive Retaining Wall and Sidewall Repairs
THEA Project ID O-00619D
 - 4.01.02 Pay Item Bid Form
 - Lakewood Drive Retaining Wall and Sidewall Repairs
THEA Project ID O-00619D

5. PRODUCTS

- 5.01 All products used for this project shall adhere to the requirements set forth in this document. Shop drawings shall be submitted for approval by the Engineer of Record and THEA.

EXECUTION

- 5.02 Work Sequence

- 5.02.01 For this Contract, a period of 90 calendar days, as identified in the Advertisement, will be allowed after the Notice to Proceed is issued. This period allows time for the Contractor to adjust work forces, equipment, schedules, and the procurement of materials, to proceed in a manner to minimize disruption to the public. Charging of Contract Time will begin when this time period ends or on the actual day that work begins at the site, whichever is the earlier.
- 5.02.02 60 calendar days of Contract Time are allowed for completion of the work, commencing after the period indicated in Section 5.02.01. The charging of contract time will continue, uninterrupted, until Final Acceptance of the work. No other charges shall be paid for before the Contract Time commences.

5.03 Issue Escalation

In the event issues arise during the prosecution of the work, the issue escalation and resolution will be processed as detailed herein.

- 5.03.01 All issues shall be directed to the CEI Construction Project Manager (TBD). The Contractor shall provide all supporting documentation relative to the issue being escalated, and any documentation not provided in the initial contact with the CEI Construction Project Manager shall not be considered.
- 5.03.02 If the issue cannot be resolved by the CEI Construction Project Manager in coordination with the General Engineering Consultant representing THEA as applicable, the General Engineering Consultant representing THEA shall forward the issue to THEA's Director of Operations and Engineering who will coordinate with the General Engineering Consultant representing THEA and CEI, as applicable.
- 5.03.03 Each escalation level shall have a maximum of five (5) calendar days (excluding weekends and THEA observed holidays) to answer, resolve, or address the issue.
- 5.03.03.01 The five (5) calendar day period (excluding weekends and THEA observed holidays) begins when each level in the issue escalation process has received all required supporting documentation necessary to arrive at an informed and complete decision.
- 5.03.03.02 The five (5) calendar day period (excluding weekends and THEA observed holidays) is a response time and does not infer resolution.
- 5.03.04 Questions asked by THEA may be expressed verbally and followed up in writing within one (1) calendar day (excluding weekends and THEA observed holidays). Responses provided by the Contractor

may be expressed verbally and followed up in writing within one (1) working day.

5.03.05 Once a response is received from the Director of Operations and Engineering, the CEI will respond to the Contractor in a timely manner but not to exceed three (3) calendar days (excluding weekends and THEA observed holidays).

5.03.06 The Contractor shall provide a similar issue escalation process for their organization with personnel of similar levels of responsibility.

6. MEASUREMENT AND PAYMENT

6.01 The Contractor shall be paid actual quantities as approved by the CEI and THEA prior to any invoicing.

6.02 The Contractor shall submit within 15 calendar days of NTP a project schedule. The project schedule shall be approved by the Authority. The project schedule shall be updated to reflect the actual start date of Contract Time in accordance with Section 5.02.02.

EXHIBIT B

PUBLIC ENTITY CRIMES FORM

SWORN STATEMENT UNDER SECTION 287.133(3)(a), FLORIDA STATUTES

1. This sworn statement is submitted to Tampa-Hillsborough County Expressway Authority
by _____
[print individual's name and title]

for _____
[print name of entity submitting sworn statement]

whose business address is _____

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

(If the entity has no FEIN, include the Social Security Number of the individual signing this
sworn statement: _____.)

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

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

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

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

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

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of

goods or services let by a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on the information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **[indicate with a check mark which statement applies.]**

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

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

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

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

Signature

Date

State of _____

County of _____

PERSONNALLY APPEARED BEFORE ME, the undersigned authority,

_____ who, after first being sworn by me, affixed his/her signature in
[Name of individual signing]

the space provided above on this _____ day of _____, 20_____.

_____ My commission expires: _____
Notary Public

[Notary Seal]

EXHIBIT C

DRUG-FREE WORKPLACE FORM

The undersigned firm, in accordance with Florida Status 287.087 hereby certifies that

_____ does:

Name of Business

1. Publish a statement of notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in Paragraph 1.
4. In the statement specified in paragraph 1, notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employees will abide by the terms of a statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Florida Statute 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction of, or require the satisfactory participation in a drug abuse assistance or rehabilitation program is such is available in the employee's community, by any employee who is convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 thru 5.

As the person authorized to sign this statement, I certify that this firm complies with the above requirements.

Firm's Signature

Date

PRICE PROPOSAL FORM

(Print this page on bidder's letterhead and attach with response)

Date: _____

TAMPA-HILLSBOROUGH COUNTY EXPRESSWAY AUTHORITY (THEA)

Attention: Procurement Department

Toni Atkinson, Contracts and Procurement Manager

1104 East Twiggs Street, Suite 300

Tampa, FL 33602

Subject: _____

Dear THEA:

Having carefully examined the Instructions to Bidders, Supplementary Instructions to Bidders, General Provisions, Supplementary General Provisions, Special Provisions and Technical Specifications, Plans or Drawings (if issued), of the above subject project and contract, as well as the premises and the conditions affecting the work, the undersigned proposes to furnish all labor and materials called for by them and equipment necessary and to accomplish the entire work within the time period indicated in accordance with the said documents for the prices presented in the price schedules included on the attached BID TABULATION SHEET.

The undersigned acknowledges that they understand the following conditions that within the price schedules amounts indicated with brackets around the amounts are considered to be deductions or credits to the overall project cost. Calculations of price schedule extensions and price totals shall appropriately account for individual deductive and additive pay items.

TOTAL LUMP SUM PRICE: \$ _____

WRITTEN AMOUNT:

_____ **DOLLARS AND** _____ **CENTS**

The undersigned firm agrees to keep this offer open for acceptance for One Hundred Twenty (120) days after date of opening the bid proposal package.

The signer of this bid proposal package hereby declares that the only person, persons, company or parties interested in this bid proposal package as principals are named herein, that this bid proposal package is made without connection with any other person, persons, company or parties submitting a proposal; and that it is in all respects fair and in good faith, without collusion or fraud.

Name of Respondent

Authorized Signature

Date

EXHIBIT E

 BID TABULATION TEMPLATE		COMPANY NAME				
		PROJECT NAME	Lakewood Drive Infrastructure Repairs			
		PROJECT NUMBER				
		BID DATE				
BID QUANTITIES						
REF #	BID ITEM #	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (\$)	BID AMOUNT (\$)
1	101 - 1	MOBILIZATION	1	LS		\$ -
2	102 - 1	MAINTENANCE OF TRAFFIC	1	LS		\$ -
3	0104-10-3	SEDIMENT BARRIER	20	LF		\$ -
4	0104-18	INLET PROTECTION SYSTEM	1	EA		\$ -
5	0110-1-1	CLEARING AND GRUBBING	0.03	AC		\$ -
6	0110-4-10	REMOVAL OF EXISTING CONCRETE	102	SY		\$ -
7	0120-1	REGULAR EXCAVATION	50	CY		\$ -
8	0120-6	EMBANKMENT	32	CY		\$ -
9	0120-9-1	DITCH CLEARING OF LARGE VEGETATION, DITCH WIDTH UP TO 15'	20	LF		\$ -
10	0120-10-11	CLEAN AND RESHAPE DITCH, SPREAD, DITCH WIDTH UP TO 15'	60	LF		\$ -
11	0425-82	REPLACE GRATE	1	EA		\$ -
12	0430-94-1	DESILTING PIPE, 0-24"	95	LF		\$ -
13	0430-982-123	MITERED END SECTION, ROUND, 15" CD	1	EA		\$ -
14	0515-1-2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	116	LF		\$ -
15	0522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	97	SY		\$ -
16	0550-10-420	FENCING, WOOD FENCE, 5.1-6.0'	60	LF		\$ -
17	0570-1-2	PERFORMANCE TURF, SOD	80	SY		\$ -
18	0700-1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	1	EA		\$ -
19	0706-1-3	RAISED PAVEMENT MARKER, TYPE B	28	EA		\$ -
20	0710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	1	LS		\$ -
21	0711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	0.035	GM		\$ -
22	0711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	1	EA		\$ -
23	0711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	0.154	GM		\$ -
24	0711-16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	0.134	GM		\$ -
25	0906-173-200	TWO COMPONENT POLYURETHANE INJECTION	2160	LB		\$ -
26	0920-530	FABRIC-FORMED CONCRETE, RIPRAP	55	SY		\$ -
TOTAL BID AMOUNT						\$ -

EXHIBIT F

CONFLICT OF INTEREST STATEMENT

Check one of the boxes below:

- To the best of our knowledge, the undersigned bidder has no potential conflict of interest due to any other clients, contracts, or property interest for this solicitation and project.

OR

- The undersigned bidder, by attachment to this form, submits information which **may** be a potential conflict of interest due to other clients, contracts or property interest for this solicitation and project.

BIDDER:

By: _____
Authorized Signature

Printed Name of Signer

Title of Signer

Date Signed

EXHIBIT G

<u>EXPERIENCE AND REFERENCES</u>				
<u>Experience</u>	<u>Total Dollar Vaue</u>	<u>Number of Contracts</u>	<u>Number of Government Contracts</u>	
1	State the total work volume and value that your organization has been responsible for in the past five (5) years in:			
2	List the dollar volume and number of government projects you have completed in the past five (5) years:			
3	Provide the following information on at least three (3) projects that Bidder has performed within the past five (5) years that were similar to this project. List chronologically, starting with the last project. Complete a new questionnaire for each representative project.			

EXPERIENCE AND REFERENCES

3.1 Project Title:

a.	Date Project Completed:	
b.	Project Name:	
c.	Total Project Cost:	
d.	Owner Address:	
e.	Owner Telephone:	
f.	Name of Reference for this Project:	
g.	Relationship of Reference to Owner:	
h.	Title and Position Reference held for this Project:	
i.	Firm name where Reference was employed for this Project:	
j.	Reference's Email:	
k.	Reference's Telephone:	
l.	List any other special criteria i.e specialized repair or equipment, etc. worked:	
m.	Describe your specific scope of work:	
n.	Specific scope of work cost:	
o.	Your Participation was: circle one	Prime / Sub
p.	Penalties imposed? (Yes or No; if Yes, explain):	
q.	Any liens, claims, or lawsuits? (Yes or No; if Yes, explain):	
r.	Any other pertinent information?	

EXPERIENCE AND REFERENCES

3.2 Project Title:

a.	Date Project Completed:	
b.	Project Name:	
c.	Total Project Cost:	
d.	Owner Address:	
e.	Owner Telephone:	
f.	Name of Reference for this Project:	
g.	Relationship of Reference to Owner:	
h.	Title and Position Reference held for this Project:	
i.	Firm name where Reference was employed for this Project:	
j.	Reference's Email:	
k.	Reference's Telephone:	
l.	List any other special criteria i.e specialized repair or equipment, etc. worked:	
m.	Describe your specific scope of work:	
n.	Specific scope of work cost:	
o.	Your Participation was: circle one	Prime / Sub
p.	Penalties imposed? (Yes or No; if Yes, explain):	
q.	Any liens, claims, or lawsuits? (Yes or No; if Yes, explain):	
r.	Any other pertinent information?	

EXPERIENCE AND REFERENCES

3.3 Project Title:

a.	Date Project Completed:	
b.	Project Name:	
c.	Total Project Cost:	
d.	Owner Address:	
e.	Owner Telephone:	
f.	Name of Reference for this Project:	
g.	Relationship of Reference to Owner:	
h.	Title and Position Reference held for this Project:	
i.	Firm name where Reference was employed for this Project:	
j.	Reference's Email:	
k.	Reference's Telephone:	
l.	List any other special criteria i.e specialized repair or equipment, etc. worked:	
m.	Describe your specific scope of work:	
n.	Specific scope of work cost:	
o.	Your Participation was: circle one	Prime / Sub
p.	Penalties imposed? (Yes or No; if Yes, explain):	
q.	Any liens, claims, or lawsuits? (Yes or No; if Yes, explain):	
r.	Any other pertinent information?	

INSURANCE REQUIREMENTS, COVERAGES and LIMITS
for
Tampa-Hillsborough County Expressway Authority

Consultants, Contractors and Vendors, hereinafter referred to collectively and individually as "Insured" conducting business with the Tampa-Hillsborough County Expressway, "THEA" are required to maintain adequate insurance coverage and provide insurance certification to THEA.

A. INSURANCE REQUIREMENTS:

- 1) All insurance shall be from responsible insurance companies eligible to do business in the State of Florida and having an AM Best rating of A- or better and a financial size category of VII or better. Utilization of non-rated companies or companies with AM Best ratings lower than A- or a financial size category lower than VII may be approved on a case by case basis. If the insurer does not meet these requirements, THEA retains the right to approve or disapprove the use of the insurer.
- 2) INSURED'S liability policies, other than the Workers' Compensation and Professional Liability, shall provide that THEA, its officials, officers and employees are additional named insureds as to the operations of the INSURED under this AGREEMENT.
- 3) INSURED'S liability policies, other than the Workers' Compensation and Professional Liability, shall provide the "Severability of Interest" provision (a/k/a "Separation of Insureds" provision).
- 4) The INSURED'S Certificate of Insurance(s) shall provide THEA as an additional certificate holder for all policies issued.
- 5) The INSURED'S Certificate of Insurance(s) shall state the description of the operations, i.e., "Name of Agreement" between THEA and "Name of Insured" and shall state the Contract Number assigned for the AGREEMENT between THEA and the INSURED.
- 6) The INSURED shall deliver to THEA, within ten (10) days from the receipt of a Notice of Award of this AGREEMENT, properly executed Certificate(s) of Insurance on insurance industry standard certificate of insurance form(s) (example: ACORD form) setting forth the insurance coverages and limits required herein. All of the required insurance coverages shall be issued as required by law and shall be endorsed, where necessary, to comply with the minimum requirements contained herein.
- 7) Except as otherwise specified in the AGREEMENT, the insurance will commence on or prior to the effective date of the AGREEMENT and will be maintained in force throughout the duration of the AGREEMENT. Three years' completed operations coverage may be required to be maintained on specific commercial general liability policies and/or professional liability policies effective on the date of substantial completion or the termination of the AGREEMENT, whichever is earlier.
- 8) Aggregate Policy Limits on policies required of INSURED shall apply exclusively for this AGREEMENT.
- 9) INSURED authorizes THEA to verify its insurance information with its insurance agents, brokers, surety, and insurance carriers. At THEA'S request, INSURED shall provide copies of the policies at no cost to THEA, subject to redaction by the INSURED of any proprietary information.
- 10) All insurance coverages of the INSURED shall be primary to any insurance or self-insurance programs carried by THEA; and any THEA insurance or coverages shall not be contributory to INSURED'S insurance requirements in this AGREEMENT.

- 11) The insurance coverages and limits required of the INSURED under this AGREEMENT are designed to meet the minimum requirements of THEA. They are not designed as a recommended insurance program for the INSURED. The INSURED alone shall be responsible for the sufficiency of its own insurance program.
- 12) All policies of insurance required herein will be specifically endorsed to require the insurer provide THEA with thirty (30) days notice prior to any cancellation, intent not to renew any policy and/or any change that will reduce the insurance coverages required in this AGREEMENT, except for the application of the Aggregate Limits Provisions.

The endorsement will specify that such notice will be sent to:

Tampa-Hillsborough County Expressway, (THEA)
Contracts & Procurement Manager
1104 East Twiggs St, Suite 300
Tampa, FL 33602

- 13) THEA accepts no responsibility for determining whether the INSURED'S insurance is in full compliance with the insurance required by the AGREEMENT. Neither the approval by THEA nor the failure to disapprove the insurance furnished by the INSURED will relieve the INSURED of their full responsibility to provide the insurance required by this AGREEMENT.
- 14) If the INSURED fails to provide or maintain the insurance coverages required in this AGREEMENT, THEA may terminate or suspend this AGREEMENT, or, at the THEA'S sole discretion, may obtain such coverages and invoice the INSURED and include a 15% administrative cost. If not paid within 45 days, the amount will be deducted from INSURED'S invoice. The decision of THEA to purchase such insurance coverages shall in no way be construed as a waiver of its rights under this AGREEMENT.
- 15) INSURED shall fully comply with the insurance requirements of this AGREEMENT unless excused in writing by THEA. Any deductible applicable to any claim shall be the responsibility of the INSURED.
- 16) Any liability insurance aggregate limits are to be confirmed in writing by the respective insurance company that to their knowledge, as of the date of the AGREEMENT, there are no pending claims or legal actions against the INSURED, which if resolved in favor of the claimant would impair the insurance company's ability to cover the minimum insurance limits stated herein.
- 17) Current Insurance Service Office (ISO) policies, forms, and endorsements or broader shall be used where applicable. Notwithstanding the foregoing, the wording of all policies, forms, and endorsements must be acceptable to THEA without restrictive endorsement.
- 18) The INSURED will not commence work, use or occupy THEA premises in connection with the AGREEMENT until the required insurance is in force, preliminary evidence of insurance acceptable to THEA has been provided to THEA and THEA has granted permission to the INSURED to commence work or use or occupy the premises in connection with the AGREEMENT.
- 19) Upon request, the INSURED shall promptly make available a certified, true and exact copy of the insurance policy and endorsements issued to the policy and any renewal thereof for THEA'S review and inspection. In the event of cancellation or non-renewal of this insurance, the INSURED agrees to purchase the maximum "extended claims reporting period" permitted under the policy within the time allowed, unless replacement coverage is obtained with retroactive coverage applicable as of the date the INSURED services started under this AGREEMENT.
- 20) All insurance minimum coverage limits extend to any subcontractor and the Prime INSURED is responsible for all subcontractors.

B. INSURANCE COVERAGES and LIMITS:

For the term of this AGREEMENT the INSURED shall procure and maintain insurances of the types and limits specified herein.

- 1) **Workers' Compensation and Employers' Liability Insurance** - The minimum limits of Worker's Compensation/Employer's Liability Insurance (inclusive of any amount provided by an umbrella or excess policy) are:

Workers' Compensation	Florida Statutory Requirements
Employers' Liability	
Each Accident	\$500,000
Disease – Policy Limit	\$500,000
Disease - Each Employee	\$500,000

- 2) **Commercial General Liability Insurance** - The minimum limits of Commercial General Liability Insurance (inclusive of any amount provided by an umbrella or excess policy) are:

General Aggregate	\$1,000,000
Per Person	\$1,000,000
Each Occurrence	\$2,000,000
Personal Injury	\$1,000,000
Property Damage	\$1,000,000
Products & Completed Operations	\$1,000,000

The General Aggregate Limit must be specifically applicable to the AGREEMENT between THEA and the INSURED.

The Certificate must reflect whether the policy is "claims made" or "occurrence".

Products & Completed Operations coverage to be maintained for three (3) years after final completion of the work under this AGREEMENT.

- 3) **Business Automobile Liability Insurance** - The minimum limits of Business Automobile Liability Insurance (inclusive of any amount provided by an umbrella or excess policy) covering ownership, maintenance, use, loading and unloading of all its owned, non-owned, leased or hired vehicles are:

Bodily Injury	
Each Person	\$1,000,000
Each Accident	\$1,000,000
Property Damage	\$1,000,000
Bodily Injury & Property Damage Combined	\$1,000,000

- 4) **Umbrella Liability Insurance or Excess Liability Insurance** – Umbrella Liability Insurance or Excess Liability Insurance must provide the same coverages as required for the underlying Commercial General, Business Automobile and Employers' Liability Coverages with no gaps in continuity of coverages or limits.

Bodily Injury & Property Damage Combined	
Each Occurrence	\$2,000,000
Aggregate (specific to this AGREEMENT)	\$2,000,000
Aggregate (not specific to this AGREEMENT)	\$1,000,000

- 5) **Professional Liability Insurance, also known as “Errors and Omissions”**. The minimum limits of Professional Liability Insurance covering all work of the INSURED without any exclusions unless approved in writing by THEA are:

Professional Liability	
Each Claim	\$1,000,000
Aggregate	\$1,000,000

Any deductible applicable to any claim shall be the responsibility of the INSURED and shall not be greater than \$100,000 unless approved by THEA in writing. This coverage shall be maintained by the INSURED for a period of not less than three (3) years from the date the INSURED has completed and THEA has accepted the services under this AGREEMENT.

- 6) **Environmental Impairment (Pollution) Liability, (if required)** – Environmental Impairment (Pollution) Liability insurance is required **only** if specifically stated in the Instructions and Submittal Documents package.

If required, the minimum limits of Environmental Impairment (Pollution) Liability insurance coverage (inclusive of any amount provided by an umbrella or excess policy) for liability resulting from pollution or other environmental impairment in connection with operations performed by or on behalf of INSURED under this AGREEMENT or the use or occupancy of THEA premises by or on behalf of the INSURED are:

Each Occurrence	\$1,000,000
Annual Aggregate	\$1,000,000

[END OF INSURANCE REQUIREMENTS, COVERAGES AND LIMITS]

EXHIBIT I

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we _____

(Here In after called the "Principal") and _____

(Hereinafter called the "Surety"), a Corporation chartered and existing under the laws of the State of _____ with its principal offices in the City of _____ and authorized to do business in the State of Florida are held firmly bound unto the Tampa-Hillsborough County Expressway Authority, in the full and just sum of _____ Dollars (\$ _____), equal to 10% of the bid amount, good and lawful money of the United States of America, to be paid upon demand of the Tampa-Hillsborough County Expressway Authority, to which payment well and truly to be made we bind ourselves, our heirs, executors, administrators, and assigns, jointly and severally by these presents.

WHEREAS, the Principal is about to submit, or has submitted to the Tampa-Hillsborough County Expressway Authority, a proposal for the _____

WHEREAS, the Principal desires to file this bond in accordance with law, in lieu of a certified check or cashier's check otherwise required to accompany this Proposal.

"NOW, THEREFORE: The conditions of this obligation are such that if the Proposal is accepted, the Principal shall, within ten (10) days after the date of receipt of a written notice of Award of Contract, execute a contract in accordance with the Proposal and upon the terms, conditions and prices set forth therein in the form and manner required by the Tampa-Hillsborough County Expressway Authority and execute a sufficient and satisfactory Public Construction Bond, payable to the Tampa-Hillsborough County Expressway Authority and deliver documents which are condition to commencing the work... ". then this obligation to be void; otherwise to be and remain In full force and virtue in law; and the Surety shall, upon failure within the time specified above, immediately pay to the aforesaid Expressway Authority upon Demand the amount thereof in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and Sealed this _____ day of 20____.

Principal

(Seal)

BY: _____

Surety

(Seal)

BY: _____

Countersigned

CERTIFICATE AND AFFIDAVIT FOR SURETY BOND INSURER

TO: TAMPA-HILLSBOROUGH EXPRESSWAY AUTHORITY
RE: REQUEST FOR PROPOSALS NO. _____; PROJECT: _____

BIDDER: Name: _____
Address: _____
Telephone: _____

AMOUNT OF BOND: _____
SURETY BOND INSURER
Name: _____
Address: _____
Telephone: _____

Before me, the undersigned authority, personally appeared, _____
on this _____ day of _____, 20____ who hereby certifies that, in
accordance with Section 287.0935, Florida Statutes, the insurer named above:

1. Is licensed to do business in the State of Florida;
2. Holds a certificate of authority authorizing it to write surety bonds in Florida;
3. Has twice the minimum surplus and capital required by the Florida Insurance Code at the time the invitation to bid is Issued;
4. Is otherwise in compliance with the provisions of the Florida Insurance Code; and
5. Holds a currently valid certificate of authority issued by the United States Department of the Treasury under Section 9304-9308 of Title 31 of the United States Code.

Signature of Officer of Surety Insure

STATE OF: _____

COUNTY OF: _____

THE FOREGOING INSTRUMENT was sworn to, subscribed and acknowledged before me this
_____ day of _____, 20____ by who is personally known to me or _____ has
produced _____ as identification and did take an oath.

(Notary, check appropriate blank; and if obtaining identification, fill in appropriate identification number.)

Notary Public

(Printed Name of Notary)

My Commission Expires:

Serial Number, if any)

<p style="text-align: center;">For Clerk of the Court Recording Purposes</p> <p style="text-align: center;">Return to: Contracts Manager Tampa Hillsborough Expressway Authority 1104 East Twiggs St., Suite 300 Tampa, FL 33602</p> <p>BOND NO: _____</p>

PERFORMANCE BOND

BY THIS BOND, We, _____, a _____ corporation, as **Principal**, and _____, a _____ corporation, as **Surety**, located at _____ are bound to the **TAMPA HILLSBOROUGH COUNTY EXPRESSWAY AUTHORITY**, herein called **Owner**, in the sum of \$_____, 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 the contract dated _____, 20____ between Principal and Owner for construction of the _____ at the Tampa-Hillsborough County Expressway Authority, Request for Proposals (RFP) Contract No. _____, at the times and in the manner prescribed in the contract, the contract being made a part of this bond by reference, and
2. Pays Owner all loss, damages including delay damages, including but not limited to liquidated damages, costs, and attorney’s fees, including appellate proceedings, that Owner sustains because of a default by Principal under the contract; and
3. Performs the guarantee of all work and materials furnished under the Contract for the time specified in the Contract for construction and any applicable warranty period, then this bond is void; otherwise it remains in full force.

The Surety, for value received, agrees that any changes, extensions of time, or additions to the Terms of the Contract Documents, and neither compliance nor noncompliance with any formalities connected with the contract or the changes shall not affect Surety’s obligation under this bond. Surety hereby waives notice of any such changes.

Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), 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.

DATED ON: _____, 20_____.

Name of Principal (Contractor):

Name of Surety:

By: _____

By: _____
Attorney in Fact

Name: _____

Name: _____

Title: _____

Title: _____

Address: _____

Address: _____

Telephone No. _____

Telephone No. _____

Fax No. _____

Fax No. _____

(Attach "Certificate & Affidavit Form Surety Bond Insurer" and
"Power of Attorney" from Surety)

STATE OF _____ :

COUNTY OF _____ :

THE FOREGOING INSTRUMENT was acknowledged before me this ____ day of _____, 20____ by _____, who ____ is personally known to me or ____ has produced _____ as identification and did not take an oath. [Notary, check appropriate blank; and, if obtaining identification, fill in appropriate identification number.]

My Commission Expires:

Notary Public

(Printed Name of Notary)

(Serial Number, if any)

This form complies with
Section 255.05, Florida Statutes

CERTIFICATE AND AFFIDAVIT FOR SURETY BOND INSURER

TO: TAMPA HILLSBOROUGH COUNTY EXPRESSWAY AUTHORITY (THEA)

RE: _____

PROPOSER:

Name: _____

Address: _____

Telephone: _____

AMOUNT OF BOND: _____

SURETY BOND INSURER:

Name: _____

Address: _____

Telephone: _____

Before me, the undersigned authority, personally appeared, _____ on this ____ day of _____ 20____ who hereby certifies that, the insurer named above:

1. Is licensed to do business in the State of Florida;
2. Holds a certificate of authority authorizing it to write surety bonds in Florida;
3. Has twice the minimum surplus and capital required by the Florida Insurance Code at the time the invitation to bid is issued;
4. Is otherwise in compliance with the provisions of the Florida Insurance Code; and,
5. Holds a currently valid certificate of authority issued by the United States Department of the Treasury under Section 9304 to 9308 of Title 31 of the United States Code.

Signature of Officer of Surety Insurer

STATE OF _____ :

:

COUNTY OF _____ :

THE FOREGOING INSTRUMENT was sworn to, subscribed and acknowledged before me this ____ day of _____, 20____ by _____, who ____ is personally known to me or ____ has produced _____ as identification and did take an oath.

[Notary, check appropriate blank; and, if obtaining identification, fill in appropriate identification number.]

Notary Public

Printed Name of Notary

My Commission Expires:

(Serial Number, if any)

**For Clerk of the Court
Recording Purposes**

Return to: Contracts Manager
Tampa Hillsborough Expressway Authority
1104 East Twiggs St., Suite 300
Tampa, FL 33602

BOND NO: _____

PAYMENT BOND

BY THIS BOND, We, _____, a _____ corporation, as **Principal**, and _____, a _____ corporation, as **Surety**, located at _____ are bound to the **TAMPA HILLSBOROUGH COUNTY EXPRESSWAY AUTHORITY**, herein called **Owner**, in the sum of \$_____, 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. Promptly makes payment to all claimants, as defined in Section 233.05(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 dated _____, 20 _____ between Principal and Owner for construction of _____ (RFP No. _____), the Contract being made a part of this bond by reference; and
2. Pays Owner all loss, damages expenses, costs, and attorney's fees, including appellate proceedings, that Owner sustains because of a default by Principal under the contract related to payment for such labor, materials, or supplies furnished to the Principal, then this bond is void; otherwise it remains in full force.

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.

Certain claimants seeking the protection of this Bond must timely comply with the strict requirements set forth in Section 255.05, Florida Statutes, and as otherwise provided by law.

DATED ON: _____, 20_____.

Name of Principal (Contractor):

Name of Surety:

By: _____

By: _____
Attorney in Fact

Name: _____

Name: _____

Title: _____

Title: _____

Address: _____

Address: _____

Telephone No. _____

Telephone No. _____

Fax No. _____

Fax No. _____

(Attach "Certificate & Affidavit Form Surety Bond Insurer" and
"Power of Attorney" from Surety)

STATE OF _____ :

:

COUNTY OF _____ :

:

THE FOREGOING INSTRUMENT was acknowledged before me this ____ day of _____, 20____ by _____, who ____ is personally known to me or ____ has produced _____ as identification and did not take an oath. [Notary, check appropriate blank; and, if obtaining identification, fill in appropriate identification number.]

My Commission Expires:

Notary Public

(Printed Name of Notary)

(Serial Number, if any)

This form complies with
Section 255.05, Florida Statutes

CERTIFICATE AND AFFIDAVIT FOR SURETY BOND INSURER

TO: TAMPA HILLSBOROUGH COUNTY EXPRESSWAY AUTHORITY (THEA)

RE: _____

PROPOSER:

Name: _____

Address: _____

Telephone: _____

AMOUNT OF BOND: _____

SURETY BOND INSURER:

Name: _____

Address: _____

Telephone: _____

Before me, the undersigned authority, personally appeared, _____ on this _____ day of _____ 20____ who hereby certifies that, the insurer named above:

1. Is licensed to do business in the State of Florida;
2. Holds a certificate of authority authorizing it to write surety bonds in Florida;
3. Has twice the minimum surplus and capital required by the Florida Insurance Code at the time the invitation to bid is issued;
4. Is otherwise in compliance with the provisions of the Florida Insurance Code; and,
5. Holds a currently valid certificate of authority issued by the United States Department of the Treasury under Section 9304 to 9308 of Title 31 of the United States Code.

Signature of Officer of Surety Insurer

STATE OF _____ :

:

COUNTY OF _____ :

THE FOREGOING INSTRUMENT was sworn to, subscribed and acknowledged before me this _____ day of _____, 20____ by _____, who _____ is personally known to me or _____ has produced _____ as identification and did take an oath.

[Notary, check appropriate blank; and, if obtaining identification, fill in appropriate identification number.]

Notary Public

Printed Name of Notary

My Commission Expires:

(Serial Number, if any)

EXHIBIT K

CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

This certification is required pursuant to Florida Statute, Section 287.135.

By executing this form and each and every renewal hereof (if renewal is separately provided for herein), pursuant to section 287.135, Florida Statutes, Consultant certifies, represents, and warrants that: (a) it is not on the Scrutinized Companies with Activities in Sudan List, (b) it is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, (c) it is not on the Scrutinized Companies with Activities in Iran Terrorism Sectors List, (d) that it does not have Business operations or is engaged in business in Cuba or Syria, and (e) that it is not engaged or engaging in a Boycott of Israel, and that all such certifications were true at the time it submitted its bid or proposal for this Agreement, as of the Effective Date of this Agreement, and as of the effective date of any renewal of this Agreement. Notwithstanding anything contained in this Agreement to the contrary, the Authority may terminate this Agreement immediately for cause if: (1) Consultant is found to have submitted a false certification regarding (a) – (e) above in accordance with section 287.135(5), Florida Statutes, (2) Consultant is found to have been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or is or has been engaged in Business operations in Cuba or Syria or a Boycott of Israel, or (3) Consultant is found to have been placed on a list created pursuant to section 215.473, Florida Statutes, relating to scrutinized active business operations in Iran. Such termination shall be in addition to any and all remedies available to the Authority at law or in equity. The terms “Boycott of Israel” and “Business operations” used in this section are defined as in Section 287.135, Florida Statutes. The Lists referred to in this section are those Lists in and maintained pursuant to section 287.135, Florida Statutes.

Firm: _____

Firm FID or EIN: _____

Address: _____

City: _____ State: _____ Zip: _____

I hereby warrant that I am duly authorized to sign and bind on behalf of the company listed above as the “Firm”.

I hereby certify and affirm that the company listed above as the “Firm” certifies, represents, and warrants that: (a) it is not on the Scrutinized Companies with Activities in Sudan List, (b) it is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, (c) it is not on the Scrutinized Companies with Activities in Iran Terrorism Sectors List, (d) that it does not have Business operations or is engaged in business in Cuba or Syria, and (e) that it is not engaged or engaging in a Boycott of Israel, and that all such certifications were true at the time it submitted its bid or proposal for this Agreement, as of the Effective Date of this Agreement, and as of the effective date of any renewal of this Agreement. I understand pursuant to Florida Statute, Section 287.135, the submission of a false certification may subject the Respondent/Bidder to civil penalties, attorney’s fees and/or costs.

Firm:

By: _____
(Authorized Signature)

(Printed Name of Signer)

(Title of Signer)

(Date Signed)

September 24, 2025
PREPARED BY: Sarah Wilson, P.E.



SPECIFICATIONS PACKAGE
THEA PROJECT ID. O-00619D
LAKEWOOD DRIVE REPAIR PROJECT

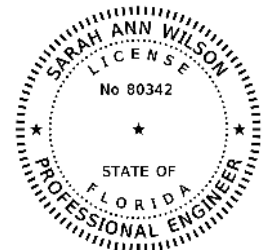
TAMPA HILLSBOROUGH COUNTY EXPRESSWAY AUTHORITY
HILLSBOROUGH COUNTY

The Fiscal Year 2025/2026 Edition of the Florida Department of Transportation Standard Specifications is revised as follows:

I hereby certify that this specifications package has been properly prepared by me, or under my responsible charge, in accordance with procedures adopted by the Florida Department of Transportation.

Sarah Wilson, State of Florida, Professional Engineer, License No. 80342. This item has been digitally signed and sealed by Sarah Wilson, P.E. Signature must be verified on any electronic copies.

Date: September 24, 2025
State of Florida,
Professional Engineer, License No.: 80342
Firm Name: Kisinger Campo & Associates
Firm Address: 201. N. Franklin Street, Ste. 900
City, State, Zip Code: Tampa, FL 33602
Certificate of Authorization Number: 02317
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SPECIAL PROVISIONS

Where the Standard Specifications and this Specifications Package references the “Department”, it simultaneously means the Tampa-Hillsborough County Expressway Authority. All references to the “Department” in Section 337, Florida Statutes, in whole or in part, shall hereby be further applied to the Tampa-Hillsborough County Expressway Authority. Authorization reserved in the Standard Specifications for the Director, Office of Construction, shall hereby be exclusively granted to the Tampa-Hillsborough County Expressway Authority’s Director of Operations and Engineering, and authorization reserved for the Secretary shall be exclusively granted to the Tampa-Hillsborough County Expressway Authority Executive Director.

DEFINITIONS AND TERMS

ARTICLE 1-3 is deleted and the following substituted:

1-3 Definitions.

The following terms, when used in the Contract Documents, have the meaning described.

Advertisement.

The public announcement, as required by law, inviting bids for work to be performed or materials to be furnished, usually issued as “Invitation to Bid”, “Notice to Contractors,” or “Notice to Bidders.”

Article.

The numbered prime subdivision of a Section of these Specifications.

Authority.

The Tampa-Hillsborough County Expressway Authority, a public agency of the state created and established by the Florida Legislature pursuant to Section 348.52(1), Florida Statutes.

Bidder.

An individual, firm, or corporation submitting a proposal for the proposed work.

Bridge.

A structure, including supports, erected over a depression or over an obstruction such as water, highway or railway, or for elevated roadway, for carrying traffic or other moving loads, and having a length, measured along the center of the roadway, of more than 20 feet between the inside faces of end supports. A multiple-span box culvert is considered a bridge, where the length between the extreme ends of the openings exceeds 20 feet.

Calendar day.

Every day shown on the calendar, ending and beginning at midnight.

Contract.

The term “Contract” means the entire and integrated agreement between the parties thereunder and supersedes all prior negotiations, representations, or agreements, either written or oral. The Contract Documents form the Contract between the Authority and the Contractor setting forth the obligations of the parties thereunder, including, but not limited to, the performance of the Work and the basis of payment.

Contract Bond.

The security furnished by the Contractor and the surety as a guaranty that the Contractor shall fulfill the terms of the Contract and pay all legal debts pertaining to the construction of the project.

Contract Claim (Claim).

A written demand submitted to the Authority by the Contractor in compliance with 5-12.3 seeking additional monetary compensation, time, or other adjustments to the Contract, the entitlement or impact of which is disputed by the Authority.

Contract Documents.

The term “Contract Documents” includes: Advertisement for Proposal, Proposal, Certification as to Publication and Notice of Advertisement for Proposal, Appointment of Agent by Nonresident Contractors, Noncollusion Affidavit, Warranty Concerning Solicitation of the Contract by Others, Resolution of Award of Contract, Executed Form of Contract, Performance Bond and Payment Bond, Specifications, Plans (including revisions thereto issued during construction), Standard Plans, Addenda, or other information mailed or otherwise transmitted to the prospective bidders prior to the receipt of bids, work orders and Purchase Orders, all of which are to be treated as one instrument whether or not set forth at length in the form of contract.

Note: As used in Sections 2 and 3 only, Contract Documents do not include work orders, and supplementary agreements. As used in Section 2 only, Contract Documents also do not include Resolution of Award of Contract, Executed Form of Contract, and Performance and Payment Bond.

Contract Letting.

The date that the Authority opened the bid proposals.

Contract Time.

The number of calendar days allowed for completion of the Contract work, including authorized time extensions.

Contractor.

The individual, firm, joint venture, or company contracting with the Authority to perform the work.

Contractor's Engineer of Record.

A Professional Engineer registered in the State of Florida, other than the Engineer of Record or his subcontracted consultant, who undertakes the design and drawing of components of the permanent structure as part of a redesign or Cost Savings Initiative Proposal, or for repair designs and details of the permanent work. The Contractor's Engineer of Record may also serve as the Specialty Engineer.

The Contractor's Engineer of Record must be an employee of a pre-qualified firm. The firm shall be pre-qualified in accordance with the Rules of the Department of Transportation, Chapter 14-75. Any Corporation or Partnership offering engineering services must hold a Certificate of Authorization from the Florida Department of Business and Professional Regulation.

As an alternate to being an employee of a pre-qualified firm, the Contractor's Engineer of Record may be an Authority-approved Specialty Engineer. For items of the permanent work declared by the Authority to be "major" or "structural", the work performed by an Authority-approved Specialty Engineer must be checked by another Authority-approved Specialty Engineer. An individual Engineer may become an Authority-approved Specialty Engineer if the individual meets the Professional Engineer experience requirements set forth within the individual work groups in Chapter 14-75, Rules of the Florida Department of Transportation, Florida Administrative Code. Authority-approved Specialty Engineers will not be authorized to perform redesigns or Cost Savings Initiative Proposal designs of items fully detailed in the Plans.

Controlling Work Items.

The activity or work item on the critical path having the least amount of total float. The controlling item of work will also be referred to as a Critical Activity.

Culverts.

Any structure not classified as a bridge that provides an opening under the roadway.

Delay.

Any unanticipated event, action, force or factor which extends the Contractor's time of performance of any controlling work item under the Contract. The term "delay" is intended to cover all such events, actions, forces or factors, whether styled "delay", "disruption", "interference", "impedance", "hindrance", or otherwise, which are beyond the control of and not caused by the Contractor, or the Contractor's subcontractors, materialmen, suppliers or other agents. This term does not include "extra work".

Department.

State of Florida Department of Transportation (FDOT).

Developmental Specification.

See definition for Specifications.

Earthwork Records System (ERS).

The project-specific system or database employed by the Engineer to catalog and prepare earthwork records on Authority projects.

Engineer.

The Director of Operations and Engineering, acting directly or through duly authorized representatives; such representatives acting within the scope of the duties and authority assigned to them.

Note: In order to avoid cumbersome and confusing repetition of expressions in these Specifications, it is provided that whenever anything is, or is to be done, if, as, or, when, or where “acceptable, accepted, approval, approved, authorized, condemned, considered necessary, contemplated, deemed necessary, designated, determined, directed, disapproved, established, given, indicated, insufficient, ordered, permitted, rejected, required, reserved, satisfactory, specified, sufficient, suitable, suspended, unacceptable, or unsatisfactory,” it shall be understood as if the expression were followed by the words “by the Engineer,” “to the Engineer,” or “of the Engineer.”

Engineer of Record.

The Professional Engineer or Engineering Firm registered in the State of Florida that develops the criteria and concept for the project, performs the analysis, and is responsible for the preparation of the Plans and Specifications. The Engineer of Record may be Authority staff or a consultant retained by the Authority.

The Contractor shall not employ the Engineer of Record as the Contractor’s Engineer of Record or as a Specialty Engineer.

Equipment.

The machinery and equipment, together with the necessary supplies for upkeep and maintenance thereof, and all other tools and apparatus necessary for the construction and acceptable completion of the work.

Extra Work.

Any “work” which is required by the Engineer to be performed and which is not otherwise covered or included in the project by the existing Contract Documents, whether it be in the

nature of additional work, altered work, deleted work, work due to differing site conditions, or otherwise. This term does not include a “delay”.

Federal, State, and Local Rules and Regulations.

The term “Federal, State and Local Rules and Regulations” includes: any and all Federal, State, and Local laws, bylaws, ordinances, rules, regulations, orders, permits, or decrees including environmental laws, rules, regulations, and permits.

Highway, Street, or Road.

A general term denoting a public way for purposes of vehicular travel, including the entire area within the right-of-way.

Holidays.

Days designated by the State Legislature or Cabinet as holidays, which include, but are not limited to, New Year’s Day, Martin Luther King’s Birthday, Memorial Day, Independence Day, Labor Day, Veterans’ Day, Thanksgiving Day and the following Friday, and Christmas Day.

Inspector.

An authorized representative of the Engineer, assigned to make official inspections of the materials furnished and of the work performed by the Contractor.

Laboratory.

The official testing laboratory used by the Authority.

Materials.

Any substances to be incorporated in the work under the Contract.

Median.

The portion of a divided highway or street separating the traveled ways for traffic moving in opposite directions.

Plans.

The approved Plans, including reproductions thereof, showing the location, character, dimensions, and details of the work.

Proposal (Bid, Bid Proposal).

The offer of a bidder, on the prescribed form, to perform the work and to furnish the labor and materials at the prices quoted.

Proposal Form.

The official form or the electronically generated bid item sheets on which the Authority requires formal bids to be prepared and submitted for the work.

Proposal Guaranty

The security furnished by the bidder as guaranty that the bidder will enter into the Contract for the work if the Authority accepts the proposal.

Purchase Order.

A written agreement between the Contractor and the Authority, and signed by the surety when required, modifying the Contract within the limitations set forth in these Specifications. Purchase Order simultaneously means Supplemental Agreement and/or Work Order when in reference to the Specifications.

Right-of-Way.

The land that the Authority has title to, or right of use, for the road and its structures and appurtenances, and for material pits furnished by the Authority.

Roadbed.

The portion of the roadway occupied by the subgrade and shoulders.

Roadway.

The portion of a highway within the limits of construction.

Section.

A numbered prime division of these Specifications.

Special Event.

Any event, including but not limited to, a festival, fair, run or race, motorcade, parade, civic activity, cultural activity, charity or fund drive, sporting event, or similar activity designated in the Contract Documents.

Special Provisions.

See definition for Specifications.

Specialty Engineer.

A Professional Engineer registered in the State of Florida, other than the Engineer of Record or his subcontracted consultant, who undertakes the design and drawing preparation of components, systems, or installation methods and equipment for specific temporary portions of the project

work or for special items of the permanent works not fully detailed in the Plans and required to be furnished by the Contractor. The Specialty Engineer may also provide designs and details, repair designs and details, or perform Engineering Analyses for items of the permanent work declared by the Authority to be “minor” or “non-structural”.

For items of work not specifically covered by the Rules of the Department of Transportation, a Specialty Engineer is qualified if he has the following qualifications:

1. Registration as a Professional Engineer in the State of Florida.
2. The education and experience necessary to perform the submitted design as required by the Florida Department of Business and Professional Regulation.

Specifications.

The directions, provisions, and requirements contained herein, together with all stipulations contained in the Contract Documents, setting out or relating to the method and manner of performing the work, or to the quantities and qualities of materials and labor to be furnished under the Contract.

Standard Specifications: “Standard Specifications for Road and Bridge Construction” an electronic book, applicable to all Authority Contracts containing adopted requirements, setting out or relating to the method or manner of performing work, or to the quantities and qualities of materials and labor.

Supplemental Specifications: Approved additions and revisions to the Standard

Specifications, applicable to all Authority Contracts.

Special Provisions: Specific clauses adopted by the Authority that add to or revise the Standard Specifications or supplemental specifications, setting forth conditions varying from or additional to the Standard Specifications applicable to a specific project.

Technical Special Provisions: Specifications, of a technical nature, prepared, signed, and sealed by an Engineer registered in the State of Florida other than the State Specifications Engineer or his designee, that are made part of the Contract as an attachment to the Contract Documents.

Developmental Specification: A specification developed around a new process, procedure, or material.

Standard Plans.

“Standard Plans for Road and Bridge Construction”, an electronic book describing and detailing aspects of the Work. Where the term Design Standards appears in the Contract Documents, it will be synonymous with Standard Plans.

Standard Specifications.

See definition for Specifications.

State.

State of Florida.

Subarticle.

A headed and numbered subdivision of an Article of a Section of these Specifications.

Subgrade.

The portion of the roadbed immediately below the base course or pavement, including below the curb and gutter, valley gutter, shoulder and driveway pavement. The subgrade limits ordinarily include those portions of the roadbed shown in the Plans to be constructed to a design bearing value or to be otherwise specially treated. Where no limits are shown in the Plans, the subgrade section extends to a depth of 12 inches below the bottom of the base or pavement and outward to 6 inches beyond the base, pavement, or curb and gutter.

Substructure.

All of that part of a bridge structure below the bridge seats, including the parapets, backwalls, and wingwalls of abutments.

Superintendent.

The Contractor's authorized representative in responsible charge of the work.

Superstructure.

The entire bridge structure above the substructure, including anchorage and anchor bolts, but excluding the parapets, backwalls, and wingwalls of abutments.

Supplemental Specifications.

See definition for Specifications.

Surety.

The corporate body that is bound by the Contract Bond with and for the Contractor and responsible for the performance of the Contract and for payment of all legal debts pertaining thereto.

Technical Special Provisions.

See definition for Specifications.

THEA.

The Tampa-Hillsborough County Expressway Authority, a public agency of the state created and established by the Florida Legislature pursuant to Section 348.52(1), Florida Statutes.

Traveled Way.

The portion of the roadway for the movement of vehicles, exclusive of shoulders and bicycle lanes.

Unilateral Payment.

A payment of money made to the Contractor by the Authority, for sums the Authority determines to be due to the Contractor for work performed on the project, and whereby the Contractor by acceptance of such payment does not waive any rights the Contractor may otherwise have against the Authority for payment of any additional sums the Contractor claims are due for the work.

Work.

All labor, materials and incidentals required to execute and complete the requirements of the Contract including superintendence, use of equipment and tools, and all services and responsibilities prescribed or implied.

Working Day.

Any calendar day on which the Contractor works or is expected to work in accordance with the approved work progress schedule.

materials' quality and fitness for the work.

**SCOPE OF WORK – INTENT OF CONTRACT.
(REV 10-25-21) (FA 1-26-22) (FY 2024-25)**

ARTICLE 4-1 is expanded by the following:

The Improvements under this Contract consist of repairing the existing gravity wall by means of polyurethane injection method and replacing the existing sidewalk and pedestrian handrail as shown in the contract documents. Other miscellaneous improvements include minor ditch re-grading along the backside of the gravity wall with placement of fabric formed concrete rip rap to restore the existing drainage patterns as originally permitted.

This Contract will be released to the Authority's approved maintenance Contractor and facilitated as a pay item specific Contract. All pay items necessary to deliver this project must be submitted for the Authority's approval. The quantities included with the contract documents are approximate and only represent estimated planned requirements based on historical or specific project needs. The Authority does not guarantee any maximum or minimum quantity, any range of quantities, or the exact quantities shown for each bid item. The Authority's estimated

quantities and the Contractor's bid price will be used to calculate a total bid amount. This total bid amount will then be negotiated between the Authority and the Contractor to ensure the proposed work remains within the Authority's budgetary limitations for the maintenance Contract.

4-3.1 General: The Engineer reserves the right to make, at any time prior to or during the progress of the work, alterations or changes, whether a significant change or not, and such alterations in the details of construction, whether a substantial change or not, including but not limited to alterations in the grade or alignment of the road or structure or both, as may be found necessary or desirable by the Engineer. Such alterations or changes shall not constitute a breach of Contract, shall not invalidate the Contract, nor release the Surety from any liability arising out of this Contract or the Surety bond. The Contractor agrees to perform the work, as altered or changed, the same as if it had been a part of the original Contract.

The term "significant change" applies only when the Engineer determines that the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction. The allowance due to the Contractor will be in accordance with 4-3.2, below.

In the instance of an alleged "significant change", the determination by the Engineer shall be conclusive and shall not be subject to challenge by the Contractor in any forum, except upon the Contractor establishing by clear and convincing proof that the determination by the Engineer was without any reasonable and good-faith basis.

4-3.4 Conditions Requiring a Supplemental Agreement or Unilateral Payment: A Supplemental Agreement or Unilateral Payment will be used to clarify the Plans and Specifications of the Contract; to provide for Unforeseen Work, grade changes, or alterations in Plans which could not reasonably have been contemplated or foreseen in the Original Plans and Specifications; to change the limits of construction to meet field conditions; to provide a safe and functional connection to an existing pavement; to settle documented Contract claims; to make the project functionally operational in accordance with the intent of the original Contract and subsequent amendments thereto.

CONTROL OF MATERIALS - SOURCE OF SUPPLY - DEPARTMENT'S APPROVED PRODUCT LIST (APL). (REV 10-10-23) (FA 10-18-23) (FY 2025-26)

SUBARTICLE 6-5.2 is deleted and the following substituted:

6-5.2 Source of Supply: Comply with 2 CFR 184 and 2 CFR 200.322, which includes the Buy America Sourcing Preferences of the Build America, Buy America Act (BABA). Domestic compliance for all affected products will be listed on the APL. The list of affected articles, materials, and supplies that have been added to the APL and are not identified in each individual Section can be found at the following URL:

<https://www.fdot.gov/programmanagement/ProductEvaluation/Default.shtm>.

LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC - EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS.

(REV 4-25-02) (FA 7-17-02) (1-20)

SECTION 7 is expanded by the following:

7-27 Equal Employment Opportunity Requirements.

7-27.1 Equal Employment Opportunity Policy: Accept as the operating policy, the following statement which is designed to further the provision of equal employment opportunity to all persons without regard to their age, race, color, religion, national origin, sex, or disability and to promote the full realization of equal employment opportunity through a positive continuing program:

“It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their age, race, religion, color, national origin, sex, or disability. Such action must include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, preapprenticeship, and/or on-the-job training.”

7-27.2 Equal Employment Opportunity Officer: Designate and make known to the Authority’s contracting officers an equal employment opportunity officer (hereinafter referred to as the EEO Officer) who must be capable of effectively administering and promoting an active Contractor program employment opportunity and who must be assigned adequate authority and responsibility to do so.

7-27.3 Dissemination of Policy: All members of the Contractor’s staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the Contractor’s equal employment opportunity policy and contractual responsibilities.

7-27.4 Recruitment: When advertising for employees, include in all advertisements for employees the notation “An Equal Opportunity Employer”.

7-27.5 Personnel Actions: Establish and administer wages, working conditions, employee benefits, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination without regard to age, race, color, religion, national origin, sex, or disability.

Follow the following procedures:

1. Conduct periodic inspections of project sites to ensure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

2. Periodically evaluate the spread of wages paid with each classification to determine any evidence of discriminatory wage practices.

3. Periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action must include all affected persons.

4. Investigate all complaints of alleged discrimination made in connection with obligations under this Contract, attempt to resolve such complaints, and take appropriate

corrective action. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action must include such other persons. Upon completion of each investigation inform every complainant of all of the avenues of appeal.

7-27.6 Subcontracting: Use the best efforts to ensure subcontractor compliance with their equal employment opportunity policy.

7-27.7 Records and Reports: Keep such records as are necessary to determine compliance with the equal employment opportunity obligations. The records kept will be designed to indicate the following:

1. The number of minority and nonminority group members employed in each work classification on the project.

2. The progress and efforts being made in cooperation with unions to increase minority group employment opportunities (applicable only to Contractors who rely in whole or in part on unions as a source of their work force).

3. The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minority group employees as deemed appropriate to comply with their Equal Employment Opportunity Policy.

4. The progress and efforts being made in securing the services of minority group subcontractors or subcontractors with meaningful minority group representation among their employees as deemed appropriate to comply with their Equal Employment Opportunity Policy.

Upon request, submit to the Authority a report of the number of minority and nonminority group employees currently engaged in each work classification required by the Contract work.

LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC - TRUCK HAUL ROUTES.

(REV 04-06-00) (1-20)

SECTION 7 is expanded by the following new Article:

7-27 Truck Haul Routes.

Citrus, Hernando, Hillsborough, Pasco, and Pinellas Counties located within District Seven have established Truck Haul Route Ordinances restricting the use of certain roadways for hauling materials, equipment and supplies. Conform to these ordinances.

All state roadways are exempt from these ordinances and may be used for Truck Haul Routes.

LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC – PREFERENCE TO STATE RESIDENTS.

(REV 1-13-12) (FY 2025-26)

SECTION 7 is expanded by the following new Article:

7-28 Preference to State Residents.

Florida Statutes 255.099 (Chapter 2010-147, Section 50, Laws of Florida), providing for preference to residents of the State of Florida, is hereby made a part of this Contract:

Each contract that is funded by state funds must contain a provision requiring the Contractor to give preference to the employment of state residents in the performance of the

work on the project if state residents have substantially equal qualifications to those of nonresidents.

As used in this Section, the term “substantially equal qualifications” means the qualification of two or more persons among whom the employer cannot make a reasonable determination that the qualifications held by one person are better suited for the position than the qualifications held by the other person or persons.

**LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC – E-VERIFY.
(REV 6-13-11) (FA 6-16-11) (FY 2025-26)**

SECTION 7 is expanded by the following new Article:

7-29 E-Verify.

The Contractor shall utilize the U.S. Department of Homeland Security’s E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any subcontractors performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security’s E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract term.

**LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC –
SCRUTINIZED COMPANIES.
(REV 3-22-18) (FY 2025-26)**

SECTION 7 is expanded by the following new Article:

7-30 Scrutinized Companies.

For Contracts of any amount, if the Authority determines the Contractor submitted a false certification under Section 287.135(5) of the Florida Statutes, or if the Contractor has been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel, the Authority shall either terminate the Contract after it has given the Contractor notice and an opportunity to demonstrate the Authority’s determination of false certification was in error pursuant to Section 287.135(5)(a) of the Florida Statutes, or maintain the Contract if the conditions of Section 287.135(4) of the Florida Statutes are met.

For Contracts \$1,000,000 and greater, if the Authority determines the Contractor submitted a false certification under Section 287.135(5) of the Florida Statutes, or if the Contractor has been placed on the Scrutinized Companies with Activities in the Sudan List, or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, the Authority shall either terminate the Contract after it has given the Contractor notice and an opportunity to demonstrate the Authority’s determination of false certification was in error pursuant to Section 287.135(5)(a) of the Florida Statutes, or maintain the Contract if the conditions of Section 287.135(4) of the Florida Statutes are met.

PROSECUTION AND PROGRESS – LIQUIDATED DAMAGES FOR FAILURE TO COMPLETE THE WORK.

(REV 5-4-23) (FA 9-21-23) (FY 2025-26)

SUBARTICLE 8-10.1 and 8-10.2 are deleted and the following substituted:

8-10 Liquidated Damages for Failure to Complete the Work.

8-10.1 Highway Code Requirements Pertaining to Liquidated Damages:

Section 337.18, paragraph (2) of the Florida Statutes, requires that the Authority adopt regulations for the determination of default and provides that the Contractor pay liquidated damages to the Authority for any failure of the Contractor to complete the Contract work within the Contract Time. These Code requirements govern, and are herewith made a part of the Contract.

Liquidated damages for this Contract will be a summation of the damages referenced above and projected lost toll revenues due to failure to timely open the project to revenue-producing traffic.

8-10.2 Amount of Liquidated Damages: Applicable liquidated damages are the sum of the daily rate of \$ 2500.00 per Calendar Day for failure to complete the Work within the Contract Time plus the amounts established in the following schedule:

Original Contract Amount	Daily Charge Per Calendar Day
\$299,999 and under.....	\$904
\$300,000 but less than \$2,000,000.....	\$1,685

8-10.3 Determination of Number of Days of Default: For all Contracts, regardless of whether the Contract Time is stipulated in calendar days or working days, the Engineer will count default days in calendar days.

8-10.4 Conditions under which Liquidated Damages are Imposed: If the Contractor or, in case of his default, the surety fails to complete the work within the time stipulated in the Contract, or within such extra time that the Authority may have granted then the Contractor or, in case of his default, the surety shall pay to the Authority, not as a penalty, but as liquidated damages, the amount so due as determined by the Code requirements, as provided in 8-10.2.

8-10.5 Right of Collection: The Authority has the right to apply, as payment on such liquidated damages, any money the Authority owes the Contractor.

8-10.6 Allowing Contractor to Finish Work: The Authority does not waive its right to liquidated damages due under the Contract by allowing the Contractor to continue and to finish the work, or any part of it, after the expiration of the Contract Time.

8-10.7 Completion of Work by Authority: In the case of a default of the Contract and the completion of the work by the Authority, the Contractor and his surety are liable for the liquidated damages under the Contract, but the Authority will not charge liquidated damages for any delay in the final completion of the Authority’s performance of the work due to any unreasonable action or delay on the part of the Authority.

8-11 Release of Contractor’s Responsibility.

The Authority considers the Contract complete when the Contractor has completed all work and the Authority has accepted the work. The Authority will then release the Contractor from further obligation except as set forth in his bond, and except as provided in 5-13.

8-12 Recovery of Damages Suffered by Third Parties.

In addition to the damages provided for in 8-10.1 and 8-10.2 and pursuant to Section 337.18 of the Florida Statutes, when the Contractor fails to complete the work within the Contract Time, the Authority may recover from the Contractor amounts that the Authority pays for damages suffered by third parties unless the failure to timely complete the work was caused by the Authority's act or omission.

MOBILIZATION (LUMP SUM).

(REV 10-17-19) (FA 11-25-19) (FY 2025-26)

SECTION 101 is deleted and the following substituted:

SECTION 101 MOBILIZATION

101-1 Description.

Perform preparatory work and operations in mobilizing for beginning work on the project, including, but not limited to, those operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site and for the establishment of temporary offices, buildings, safety equipment and first aid supplies, and sanitary and other facilities.

Include the costs of bonds and any required insurance and any other preconstruction expense necessary for the start of the work, excluding the cost of construction materials.

101-2 Basis of Payment.

101-2.1 General: The work and incidental costs specified as being covered under this Section will be paid for at the lump sum prices for the items of mobilization included in the Schedule of Values.

101-2.2 Partial Payments: When the Notice to Proceed has been issued, partial payments will be made in accordance with the following:

For Contracts of 120 Contract days duration or less, partial payment will be made at 50% of the Mobilization amount shown in the Schedule of Values per month for the first two months until 100% of the Mobilization amount shown in the Schedule of Values is paid. For Contracts in excess of 120 Contract days duration, partial payment will be made at 25% of the Mobilization amount shown in the Schedule of Values per month for the first four months until 100% of the Mobilization amount shown in the Schedule of Values is paid. In no event shall more than 50% of the Mobilization amount shown in the Schedule of Values be paid prior to commencing construction on the project site.

Total partial payments for Mobilization on any project, including when more than one project or job is included in the Contract, will be limited to 10% of the original Contract amount for that project. Any remaining amount will be paid upon completion of all work on the Contract.

Retainage, as specified in 9-5, will be applied to all partial payments.

Partial payments made on this item will in no way act to preclude or limit any of the provisions for partial payments otherwise provided for by the Contract.

MAINTENANCE OF TRAFFIC – SITE SPECIFIC.

(REV 1-26-23) (FY 2024-25)

SUBARTICLE 102-3.2 is deleted and the following substituted:

102-3.2 Worksite Traffic Supervisor (WTS): Provide a WTS who is responsible for initiating, installing, and maintaining all temporary traffic control devices as described in this Section and the Contract Documents. Provide all equipment and materials needed to set up, take down, maintain traffic control, and handle traffic-related situations. Use approved alternate WTS when necessary.

The WTS must meet the personnel qualifications specified in Section 105.

The WTS is to perform the following duties:

1. On site direction of all temporary traffic control on the project.
2. Is on site during all set up and take down, and performs a drive through inspection immediately after set up.
3. Is on site during all nighttime operations ensuring proper temporary traffic control.
4. Immediately corrects all safety deficiencies and corrects minor deficiencies that are not immediate safety hazards within 24 hours.
5. Is available on a 24 hour per day basis and present at the site within 45 minutes after notification of an emergency situation and is prepared to respond to maintain temporary traffic control or to provide alternate traffic arrangements.
6. Conducts daily daytime and weekly nighttime inspections of projects with predominately daytime work activities, and daily nighttime and weekly daytime inspections of projects with predominantly nighttime work activities of all traffic control devices, traffic flow, pedestrian, bicyclist, and business accommodations.

Advise the project personnel of the schedule of these inspections and give them the opportunity to join in the inspection as deemed necessary.

The Department may disqualify and remove from the project a WTS who fails to comply with the provisions of this Section. The Department may temporarily suspend all activities, except traffic, erosion control and such other activities that are necessary for project maintenance and safety, for failure to comply with these provisions.

SUBARTICLE 102-3.3 is deleted and the following substituted:

102-3.3 Lane Closures: Approval for all lane closures, mobile operations, and traffic pacing operations is required. Submit routine requests to the Engineer 7 calendar days in advance of planned lane closures, mobile operations, and traffic pacing operations. For unforeseen events that require cancelling or rescheduling lane closures, mobile operations, and traffic pacing operations, revise the lane closure request as soon as possible.

SUBARTICLE 102-5.5 is deleted and the following substituted:

102-5.5 Crossings and Intersections: Provide and maintain adequate accommodations for intersecting and crossing traffic. Do not block or unduly restrict any median opening, road or street crossing the project unless approved by the Engineer. Maintain all existing actuated or

traffic responsive mode signal operations for main and side street movements for the duration of the work. Restore any loss of detection within 12 hours. Use only detection technology listed on the Department's Approved Products List (APL) and approved by the Engineer to restore detection capabilities. Before beginning any construction, submit to the Engineer the names and phone numbers of persons that can be contacted when signal operation malfunctions.

SUBARTICLE 102-9.1 is deleted and the following substituted:

102-9 Temporary Traffic Control Devices.

102-9.1 General: Use only devices that are listed on the APL and use in conformance with the APL drawings. Immediately remove or cover, using any method of covering approved by the Engineer, any existing or temporary devices (e.g. signs) that do not apply to current conditions.

The use of NCHRP Report 350 Recommended Procedures for the Safety Performance Evaluation of Highway Features devices purchased prior to January 1, 2020 is permitted on projects let prior to January 1, 2030. All devices manufactured or purchased on or after January 1, 2020 must be MASH compliant in accordance with Section 990.

The APL number is to be permanently marked on the device at a readily visible location. Sheeting used on devices and pavement markings are exempt from this requirement.

Notify the Engineer in writing of any scheduled operation that will affect traffic patterns or safety sufficiently in advance of commencing such operation to allow adequate time to review the plan for the proposed installation of temporary traffic control devices.

Assign an employee the responsibility of maintaining the position and condition of all temporary traffic control devices throughout the duration of the Contract. Keep the Engineer advised of the identification and means of contacting this employee on a 24 hour basis.

Maintain temporary traffic control devices in the correct position, properly oriented, clearly visible, and clean. All applicable temporary traffic control devices must meet the classification category of Acceptable as defined in the American Traffic Safety Services Association (ATSSA) Quality Guidelines for Temporary Traffic Control Devices and Features. Temporary concrete barriers must meet the classification category of Acceptable defined in the Department's Temporary Concrete Barrier Evaluation Guide, which may be viewed at the following URL:

https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/urlinspecs/files/docs/default-source/content-docs/programmanagement/implemented/urlinspecs/files/temporaryconcretebarrierguide.pdf.pdf?sfvrsn=343b4c97_10.

Pedestrian Longitudinal Channelizing Devices (LCDs) must meet the classification category of Acceptable as defined in the Pedestrian LCD Evaluation Guide, which may be viewed at the following URL:

https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/urlinspecs/files/lcdevaluationguide.pdf?sfvrsn=166e0f16_2.

Immediately repair, replace or clean damaged, defaced or dirty devices. Traffic control devices must not be cleaned while installed/used. Use of warning lights on any temporary traffic control device is prohibited, with the exception of the trailer mounted portable regulatory signs.

SUBARTICLE 102-9.1.1 is deleted.

SUBARTICLE 102-11.1 is deleted and the following substituted:

102-11.1 General: Devices installed/used on the project on any calendar day or portion thereof, within the Contract Time, including time extensions which may be granted, will be paid for each day or each location.

ARTICLE 102-12 is deleted.

SUBARTICLE 102-13.26 is deleted and the following substituted:

102-13.26 Maintenance of Traffic: Price and payment will be full compensation for all work and costs specified under Section 102.

When the proposal does not include separate item(s) for Maintenance of Traffic, all work and incidental costs specified as being covered under this Section will be included for payment under the scheduled items of the overall Contract and no separate payment will be made.

ARTICLE 102-13 is expanded by the following new Subarticle:

102-13.27 Payment Items: Payment will be made under the items shown in the Bid Price Proposal.

DEVELOPMENTAL SPECIFICATIONS

**SHALLOW SUBSURFACE POLYURETHANE INJECTION (DEV173).
(REV 2-13-19)**

The following new Section is added after Section 162:

**SECTION 173
SHALLOW SUBSURFACE POLYURETHANE INJECTION**

173-1 General.

Furnish and inject polyurethane grout to fill voids, seal drainage structures, seal nonstructural wall openings, lift roadway panels, lift approach slabs, and correct pavement alignment issues at the locations shown in the Plans or as directed by the Engineer. Furnish all labor, equipment and materials required to inject expansive one or two-part polyurethane. Work may be performed at night or on weekends as deemed necessary by the Department.

Review the available subsurface information and visit the site to assess the severity of issue to be corrected, the site geometry, equipment access conditions, and location of existing structures and above ground facilities. Any damage resulting from the injection operation is the sole responsibility of the contractor.

Field locate and verify the location of all utilities in the vicinity of the project site prior to starting the work. Maintain uninterrupted service for all existing utilities throughout the work.

173-2 Personnel Requirements.

The on-site superintendent supervising the work described in this Section must have at least three years of verifiable experience in polyurethane injection. Provide documentation of each project successfully completed, listing the project name and location, name of contracting party with current contact number, a brief description of the work, and dates of completion. Prior to the start of the work, submit the Contractor and superintendent qualifications to the Engineer for approval.

173-3 Materials.

173-3.1 One Component Polyurethane: Use a one component high density polyurethane grout, meeting the following requirements, that upon injection reacts with moisture for rapid expansion and curing to create a watertight mass.

173-3.1.1 Viscosity: The material must have a viscosity of 110 to 130 centipoise (cP) at 20°C to 25°C.

173-3.1.2 Compressive and Tensile Strength: The material must have a minimum cured compressive strength of 600 psi in accordance with ASTM C39 (with fine sand and without conditioning), a minimum cured tensile strength of 40 psi in accordance with ASTM D1623 or ASTM D3574, and no shrinkage in accordance with ASTM D1042 or ASTM D756.

173-3.1.3 Cure Time: The material must achieve a minimum compressive strength of 400 psi within 30 minutes. If work is performed within the travel lane, traffic must be

safely restored within 30 minutes after the last injection of material.

173-3.1.4 Performance in Water: Ensure the cured material is not affected by the presence of excess water.

173-3.1.5 Certification: Submit a manufacturer's certification that the material meets the requirements of this Developmental Specification to the Engineer.

173-3.1.6 Alternate Formulations: Certain situations may necessitate the use of polyurethane formulations that provide physical characteristics exceeding the requirements above. Submit the manufacturer's certification for the alternate formulation to the Engineer for approval.

173-3.2 Two Component Polyurethane: Use a two component closed cell, hydroinsensitive, high density polyurethane system that upon injection results in rapid expansion and curing.

173-3.2.1 Apparent Density: The material must have an apparent overall density of 4.7 pounds per cubic foot to 6.5 pounds per cubic foot, tested in accordance with ASTM D1622 (without conditioning).

173-3.2.2 Compressive Strength: The material must have a minimum cured compressive strength of 75 psi tested in accordance ASTM D1621 (without conditioning).

173-3.2.3 Cure Time: The material must achieve a minimum compressive strength of 60 psi within 30 minutes. Traffic, if work is performed within the travel lane, must be safely restored within 30 minutes after the last injection of material.

173-3.2.4 Performance in Water: Ensure the injected material is not affected by the presence of excess water.

173-3.2.5 Certification: Submit a manufacturer's certification that the material meets the requirements of this Developmental Specification to the Engineer.

173-3.2.6 Alternate Formulations: Certain situations may necessitate the use of polyurethane formulations that provide physical characteristics exceeding the requirements above. Submit the manufacturer's certification for the alternate formulation to the Engineer for approval.

173-4 Equipment.

Provide mobile injection equipment, including, but not limited to, a pumping unit capable of injecting material to the locations and depths required with electric generating capabilities necessary to support the injection operations. The equipment must be capable of controlling the rate of flow of material to achieve the desired results while minimizing blowback and blowouts.

Use equipment with a certified flow meter or volumetric measurement device having a visual readout to measure the amount of material injected at each location. Provide a certification for the metering device to the Engineer.

Use equipment with pressure and temperature control devices capable of maintaining proper temperature and proportionate mixing of the polyurethane materials. Ensure the equipment properly mixes two component materials when two component polyurethane materials are injected.

Use drilling equipment capable of drilling the required diameter injection holes through concrete, pavement or other masonry materials as shown in the Plans without damaging the integrity of the existing structure.

Use laser levels and target readers, zip levels and other measuring devices capable of monitoring movement at the surface of the pavement or structure to verify that the necessary void filling and improvement has occurred without adversely affecting the existing profile. Provide all necessary equipment such as light towers, electric generators, compressors, heaters, hoses, containers, valves and gauges to efficiently conduct and control the work.

173-5 Construction Requirements.

173-5.1 Pre-Construction Submittals: Upon approval of the Contractor's qualifications, submit the following information to the Engineer for review and approval prior to performing any work:

1. The proposed start date and duration of the project sequence.
2. The type and size of all equipment to be used. Describe the methods to be used to achieve the requirements of this Specification.
3. The materials to be used and anticipated injection rate.
4. A description of construction methods to be used for site preparation, including the methods for measurement concerning slab lifting requirements, clearing of debris and a pre-construction survey documenting existing cracks/damage to concrete curb and gutters or adjacent structures.
5. A description of construction methods to be used to perform the injection of the polyurethane with a detailed sequence of injection operations.
6. Manufacturer's technical data sheet verifying that the polyurethane materials meet all requirements this Specification, including the densities (in pounds per gallon) of each individual component (resin and activator) of any two part polyurethane materials.
7. Certification for the metering device or the Contractor's plan for measuring the material.
8. Proposed plan to monitor inside subsurface drainage structures during injection and to prevent excessive polyurethane migration into any existing drainage structures.

173-5.2 Pavement Profile: Prepare a pavement and structure profile from laser level measurements of each area to document pre-existing conditions to ensure movement does not exceed 1/16 inch of the final planned elevation during the injection operations. Prior to beginning any work, submit a report documenting this inspection and the recorded elevations to the Engineer for approval. Include photographs of the area documenting the location and length of existing cracks. Prior approval of this report will not be required for emergency response work.

173-5.3 Quality Control: For polyurethane solutions which require mixing or blending of multiple components, perform a daily quality check in the presence of the Engineer, using the flow meters and/or measurement devices, on the ratio of the parts provided by the injection

system. Perform a test shot of material from one component source at a time with a minimum of 5 gallons of each material, comparing the output in gallons of resin to the gallons of activator, if applicable (resin material only for one component foam system). Determine the injection ratio for two component systems. If this ratio differs from the approved solution ratio used at the test point locations, check the system for problems, make any necessary adjustments until a proper ratio is achieved. Following these checks and adjustments, and prior to performing the work each day, reset the measurement devices on the pumping units to zero.

The Engineer reserves the right to perform compressive strength testing on polyurethane samples.

173-5.4 Testing.

173-5.4.1 Pre-Production: When pre-production test injection points are shown in the Plans, complete a pre-production polyurethane injection performance testing program. Prior to the injection at production point locations indicated in the Plans, determine the rate and amount to be injected to obtain the required improvement. Assess the cure rate for the proposed process by the initial completion of pre-production polyurethane injection performance testing at pre-production test injection points shown in the Plans. Inject at the pre-production test point locations using the proposed materials, injection rates, and processes anticipated for production.

To verify adequate subsurface improvement has been achieved, perform a minimum of two standard penetration test (SPT) soil borings in accordance with ASTM D1586, using safety or automatic hammer) or dynamic cone penetrometer (DCP) soundings in accordance with ASTM D6951, at locations approved by the Engineer. After injection of the test points, locate at least one SPT boring or DCP sounding just outside the injected area and at least one SPT boring or DCP sounding centrally within the test point grid, unless shown otherwise in the Plans. Use the same equipment for all tests. Submit the results of the SPT borings and DCP soundings, the recommended injection rate and injection cut-off criteria to the Engineer for review and approval prior to proceeding with the production point locations. The Engineer may require additional SPT borings or DCP soundings.

Do not adjust the polyurethane components, ratios or injection processes during production point injection without the approval of the Engineer.

173-5.4.2 Post-Production: Additional subsurface testing, performed using SPT soil borings or DCP soundings, may be required as directed by the Engineer on each project lane to confirm existing subgrade soil conditions based upon available subsurface information. The Engineer may require access holes to be drilled to allow the insertion of video equipment to assess the size of existing voids.

173-5.5 Injection Placement: Inject the polyurethane to the depth shown in the Plans. If not shown in the Plans, select the exact location, spacing, hole size and depth of the injection tubes with the approval of the Engineer. All one component polyurethane material must be injected at least one foot below the existing water table. When direct access to voids is available, provide a means to confine the placement and inject the polyurethane directly into the void. When direct access to voids is not available, drill a series of holes sized no larger than required for the injection tube placement, at approximately 3 to 4 foot intervals or as determined by the Engineer. When drilling through reinforced concrete, determine the location of existing reinforcing prior to drilling injection holes. Do not drill into or cut existing reinforcing. If existing reinforcing is encountered during drilling, shift the hole to clear reinforcing.

Install and operate a level control system during the injection operation. Monitor the elevation of the pavement or structure profile to detect any movement within a 10 to 15 foot radius from the point of injection during injection operations, or as directed by the Engineer. Continuously monitor laser level or dial indicator micrometer readings during injection operations to determine sufficient material usage as indicated by pavement movement of 1/16 inch or less. Additionally, monitor all directly adjoining structures, such as adjacent bridge spans, road surfaces, curb and gutter to detect and prevent unintended movement.

Inject the material gradually to avoid excessive force build up. If the movements exceed 1/16 inch beyond the desired profile, take corrective actions to stop the movement and perform repairs. Immediately notify the Engineer if signs of damage are observed, such as new cracks in the pavement, increased size of existing cracks, or separation of joints in paved and unpaved surfaces. Repair any damage to the concrete slab/pavement, adjacent structures, gutters, and shoulders resulting from the injection operations to the satisfaction of the Engineer, and at no cost to the Department.

Remove any excess polyurethane material extruding from cracks or the drilled holes. Seal the drilled holes to the full depth of the slab section with cement grout.

Allow the polyurethane material to cure before allowing traffic on to approach slabs adjusted by polyurethane injection.

173-5.6 Faulted Joints. For undersealing and leveling of faulted joints of concrete pavement, inject to fill any void in the sub-base. When the void is filled and the area is stabilized, begin lifting and realigning panels to proper grade for ride improvement.

173-5.7 Drainable Bases: Ensure the material does not enter the drainable base. For stabilization of pavement with a drainable base, place injection tubes approximately 24 inches below the bottom of the drainable base. Inject the material to stabilize the subgrade and then move the subbase and base material up, compressing it against the bottom of the pavement, returning the pavement to near its original grade.

173-5.8 Lifting: In some situations for lifting, the subgrade will need to be stabilized. When stabilization is required, an injection depth will be determined by the Contractor and approved by the Engineer, but will not be at a depth greater than 3 feet below the pavement base. Inject the material until the dip in the pavement is removed and the pavement or structure is brought to the desired grade.

If stabilization is not necessary, the injection depth will be 12 or more inches below the pavement base to fill the void and lift the pavement or structure to the desired grade.

173-5.9 Sleeper Slabs: For bridge approach slabs that have sleeper support slabs, drill all holes, fully sleeved by tubes, into the base soils to prevent any injection of polyurethane between the sleeper slab and the pavement. Insert injection tubes to a minimum depth of 4 to 5 feet and a minimum depth of 1 to 2 feet below the bottom of the sleeper slab. Inject the material through each tube until the soils are stabilized as evident when movement of the pavement is detected. Continue to inject material beneath the sleeper slab to lift the sleeper slab and pavement together to the desired grade.

173-5.10 Edgedrains: If edgedrains are present, keep all injections within 4 feet of the edgedrain and at least 18 inches below the bottom of the edgedrain.

173-5.11 Punch Outs: Prior to replacement of short sections of concrete or asphalt (punch-outs) where base and subbase are suspected as contributing to the pavement failure, perform injections to stabilize the base and subbase to avoid cutout and removal of base and subbase. Ensure removal of the existing pavement does not disturb the tubes or the newly stabilized base and subbase. After removal of the pavement, cut the tubes off at the top of the base material.

173-5.12 Blowouts: Take responsibility for any pavement blowouts, excessive pavement lifting, pavement damage or exacerbation of misalignment that may occur as a result of the work. If movement exceeds 1/16 inch beyond the desired movement, take corrective actions to stop the movement. Repair the area to the satisfaction of the Engineer and at no cost to the Department.

173-5.13 Storm Drains: For lifting, sealing and filling of voids around storm drains including pipe, manholes and other built structures, submit a plan of action to the Engineer for approval. Prior to performing work, evaluate the integrity of the pipe and storm drain system through inspection, either visual or by remote camera, to determine the correct placement of polyurethane. Perform post installation evaluation of the work by similar means. Ensure that any injected material entering the storm drain system during the installation work is removed and disposed of accordingly.

173-5.14 Water Control Structures: For void filling and sealing of water control structures, culverts and sea walls, submit a plan of action to the Engineer for approval. Base the plan of action on the specific situation and propose the injection spacing, elevations, quantities and desired result.

173-6 Report.

Submit a report to the Engineer documenting the polyurethane material injection and instrumentation. Provide before and after photos of the project, a diagram of injection ports, injection volumes per port, problems encountered during construction, resolutions made, and certification testing results in the report. Include pavement profiles before and after injection, document whether the transition at joints are smooth, and whether there are additional cracks in the pavement. Submit the report prior to final acceptance of the project. In addition, supply as-built injection drawings and grade readings within 5 days of completing the project.

173-7 Method of Measurement.

For single component polyurethane, the quantity to be paid will be the volume (in gallons) of material authorized, injected, and accepted.

For two component polyurethane mixes, the quantity to be paid will be the weight, in pounds, of material authorized, injected, and accepted. Multiply the volume (in gallons) of resin by the resin density to determine the weight of resin. Multiply the volume (in gallons) of activator by the activator density to determine the weight of activator. Add the weights of resin and activator to determine the total weight.

For pre-production testing, do not include the cost of polyurethane material. Include the quantity of material used for pre-production testing in the quantity of single component or two component polyurethane injection, as appropriate.

173-8 Basis of Payment.

Price and payment will be full compensation for all work specified in this Section

including furnishing all labor, materials, tools, equipment, testing, and incidentals necessary to complete the work.

Payment for pre-production testing will not be made until all injection placements are completed and accepted.

Payment will be made under:
Item No. 906-173- Polyurethane Injection

APPENDIX

TECHNICAL SPECIAL PROVISIONS.

The following Technical Special Provisions are individually signed and sealed and made part of the Contract as part of the Contract Documents.

T531: FABRIC FORMED REVETMENT SYSTEM

**THIS COMPLETES
THIS
SPECIFICATIONS
PACKAGE**

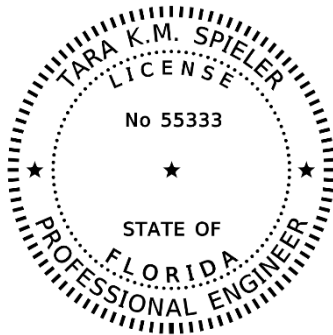
**TECHNICAL SPECIAL PROVISIONS
FOR
FABRIC FORMED REVETMENT SYSTEM**

THEA PROJECT ID: O-00619D

This item has been digitally signed and sealed by

On the date adjacent to the seal.

Signature must be verified on any electronic copies.



**Prepared by:
Tara Spieler, P.E. # 55333
201 N. Franklin St., Suite 900
Tampa, FL 33602
(813) 871-5331
Date: 9/24/25**

SECTION T531

FABRIC FORMED REVETMENT SYSTEMS

T531-1 Description.

Furnish and install a fabric formed revetment system in accordance with this Section and in conformance with the lines, grades, design, and dimensions shown in the Plans. Prepare and grade the slopes or surfaces to be protected to such an extent that they are normally stable in the absence of erosive forces. Position a double-layer synthetic fabric envelope in a mat configuration over the surface and fill with a pumpable sand/cement grout in a way that forms a stable mat of suitable weight and configuration.

T531-2 Materials.

T531-2.1 Grout: Furnish structural grout consisting of a mixture of Portland cement, fine aggregate, and water proportioned and mixed as to provide a pumpable slurry, with an efflux time between 9-12 seconds when tested using ASTM C939, Flow Cone Method. Pozzolan and grout fluidifier conforming to this Section may be used. Submit the proposed mix design for approval with substantiating tests as follows:

Portland Cement Section 921

Fine Aggregate Section 902

Water Section 923

Pozzolan..... Section 929

Grout Fluidifier..... Section 924

Air-Entraining Admixtures..... Section 924

*Portland Cement: Use Type I and Type II.

*Fine Aggregate: Use an aggregate gradation reasonably consistent and well graded from the maximum size which can be conveniently handled with available pumping equipment.

*Pozzolan: Use in amounts up to 30% by weight of total cementitious content.

*Grout Fluidifier: Use for water reducing and retarding admixtures. The admixtures may be used to reduce segregation, increase workability and pumpability, improve strength and water-tightness.

*Air-Entraining Admixtures: Provide an air content of 5-8% of the grout volume.

T531-2.2 Fabric Form: Furnish fabric forming material consisting of specifically woven, double layer, open selvage fabric joined in mat configuration with a minimum of 50% textured yarns by weight. Use fabric consisting of uncoated synthetic yarns with sufficient tensile strength and porosity to withstand the pressure of the grout injection pump without breaking the layers of fabric. Provide fabric form meeting or exceeding property values shown in the table below.

Table T531-1			
Minimum Property Requirements for Fabric Form			
Property	Test Method	Units	Value
Composition			Nylon or polyester
Mass per unit area (double layer)	ASTM D 5261	oz/yd ²	12
Thickness (single layer)	ASTM D 5199	mils	15
Mill width (woven)		in	72
Wide-width strip tensile strength (Machine direction)	ASTM D 4595	lbf/in	200
(Cross direction)	ASTM D 4595	lbf/in	200
Elongation at break (Machine direction)	ASTM D 4595	%	20 (max)
(Cross direction)	ASTM D 4595	%	30 (max)
Trapezoidal tear strength (Machine direction)	ASTM D 4533	lbf	150
(Cross direction)	ASTM D 4533	lbf	100
Apparent Opening Size	ASTM D 4751	mm, (US Std Sieve)	0.425 max (40)
Flow Rate	ASTM D 4491	gal/min/ft ²	30
Conformance of fabric to specification property requirements per ASTM D 4759 Numerical values represent minimum average roll values (MARV) unless otherwise noted. Sample lots per ASTM D 4354.			

Fabric containing film type polypropylene, partially-oriented, draw-textured, and/or staple fiber will not be considered as an acceptable alternate.

Cut individual mill width panels to suitable length and separately join the two layers of fabric edge to edge using nylon or polyester thread or zippers. The tensile strength of stitched joints must be greater than 100 lbf/inch when tested in accordance with ASTM D-4884.

T531-2.3 Filter Points: When called for in the Plans, provide hydrostatic uplift relief by installing filter points woven in a way that permits passage of water through the filter points spaced at approximately 8 inch centers, or as indicated on the plans.

T531-2.4 Geotextile Fabric: Use Type D-3 Geotextile Fabric meeting Section 985 and listed on the Department's APL as an underlayment.

T531-2.5 Cables: When called for in the Plans, use cables constructed of high tenacity, low elongation, continuous filament polyester fibers. Furnish cables with a core construction consisting of parallel fibers contained within an outer jacket or cover, with a weight of the parallel core between 65% to 75% of the total weight of the cable. Use cable with a minimum 0.25 inch diameter and 3,300 lbf breaking strength for 3- and 4-inch mats. Use cable with a minimum 0.312 inch diameter and 4,500 lbf breaking strength for 6- and 8- inch mats. Splice cables using aluminum compression fittings selected so that the resultant cable splice from use of a single fitting provides a minimum of 80% of the rated breaking strength of the cable. At each splice, use a minimum of two fittings separated by a minimum of 6 inches of cable overlap. Upon completion of the revetment, encase all fittings in grout within the fabric form.

T531-3 Equipment.

Submit a list of mixing and pumping equipment used in preparation and handling of the grout for approval by the Engineer. Remove all oil or other rust inhibitors from the mixing drums, stirring mechanisms, and other portions of the equipment in contact with the grout before the mixers are used. Provide pumping equipment with a variable flow rate to provide enough pressure for pumping without breaking the fabric. Provide a screen over the concrete hopper to prevent oversize particles from being pumped into the mat.

T531-4 Construction Methods.

T531-4.1 General:

Before injecting grout, position the fabric at its design location over a geotextile filter fabric placed in accordance with Section 514. Each panel must be a continuous or monolithic unit for its full width, including the trench portion.

Each panel must consist of two or more mill widths of open selvage construction; join the two upper layers together by field sewing or by means of zipper closures attached to the upper and lower layers of fabric. Lap adjacent panels a minimum of 2 feet when they cannot be joined in this manner. Simple butt joint, either sewn or unsewn, will not be allowed. Place the ends and upper limits of the fabric mat in a trench of suitable depth and width as shown on the plans.

Make small cuts in the fabric to allow for the insertion of the grout hose or grout nozzle. Introduce grout into the space between the layers of fabric and inject in a way that excessive pressure on the fabric envelope is avoided. Backfill the void between trench wall and filled fabric after grouting has been completed.

Temporarily close holes in the fabric left by the removal of the grout hose or inserts by inserting a piece of burlap or similar material. Remove the burlap when the mortar is no longer fluid and the surface is firm to hand pressure. Hand fill with grout any depression left by removing the burlap. Limit foot traffic on the filled fabric formed revetment to an absolute minimum for 1 hour after pumping in order to reduce indentation. Longer times may be required due to factors such as fly ash content, air temperature, humidity, etc. which can extend curing time.

T531-4.2 Acceptance Sampling and Testing:

Acceptance tests will be by compressive strength. For each 500 square yards, or less, of placement, the Engineer will cast two 4" x 8" test cylinders according to ASTM C31, except pour grout in a single lift into cylinder molds without rodding. Cylinders will be tested at 28 days according to ASTM C39. Grout must meet a minimum compressive strength of 2,500 psi at 28 days.

T531-5 Method of Measurement.

The quantity to be paid for under the Section will be the area, in square yards, completed and accepted. Measurements will include the entire surface area of the installed riprap along the slopes and berm, including trenches, and no allowance will be made for overlaps.

T531-6 Basis of Payment.

Price and payment will be full compensation for all work, labor, equipment, and materials specified in this Section, including grout, mat and geotextile fabric.

Payment will be made under:

Item No. 920-530- Fabric Formed Concrete Riprap, SY

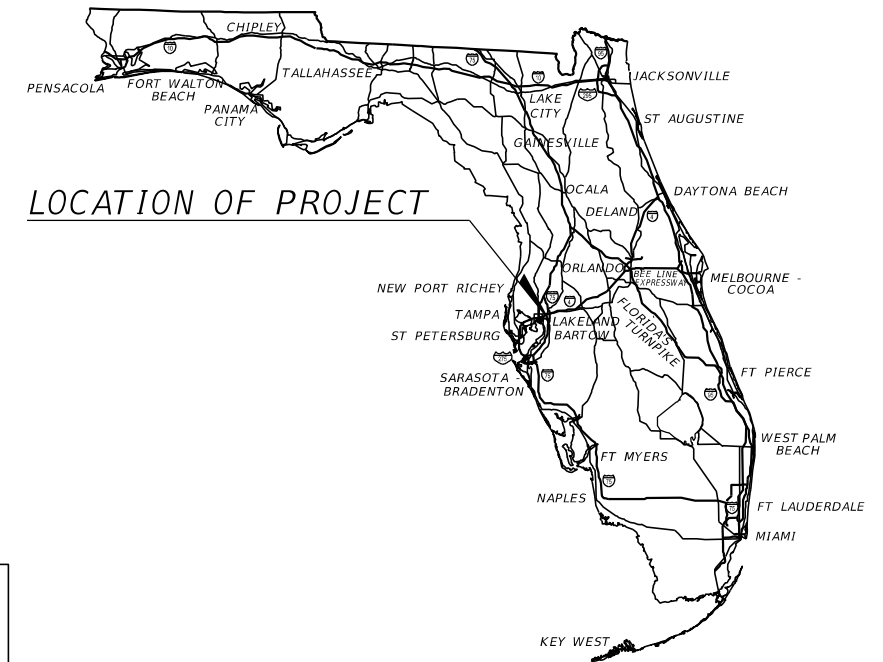
CONTRACT PLANS COMPONENTS
ROADWAY

**TAMPA HILLSBOROUGH
EXPRESSWAY AUTHORITY**

ROADWAY PLANS

THEA PROJECT ID O-00619D

HILLSBOROUGH COUNTY (10020)
LAKEWOOD DRIVE (SR 618A) RETAINING WALL
AND SIDEWALK REPAIR



INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	GENERAL NOTES
5	ROADWAY PLAN
6	DRAINAGE DETAILS
7	SIGNING AND PAVEMENT MARKING PLAN
8-9	TEMPORARY TRAFFIC CONTROL PLAN
10	SOIL STABILIZATION AND GRAVITY WALL LIFTING

PROJECT LOCATION URL: <https://tinyurl.com/zdcv64jy>

PROJECT LIMITS: BEGIN MP 10.399 - END MP 10.410

EXCEPTIONS: NONE

BRIDGE LIMITS: NONE

RAILROAD CROSSINGS: NONE

**ROADWAY PLANS
ENGINEER OF RECORD:**

H. DEAN GRUMBACH, P.E.
P.E. LICENSE NUMBER: 91903

KISINGER CAMPO AND ASSOCIATES CORP.
201 N. FRANKLIN ST., SUITE 900
TAMPA, FL 33602
PHONE: (813)-871-5331
CONTRACT NO.: O-00619D
VENDOR NO.: F59-1677145

THEA PROJECT MANAGER:

BRIAN MCELROY

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
O-00619D	26	1

GOVERNING STANDARD PLANS:

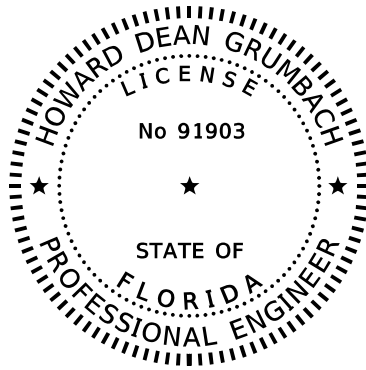
Florida Department of Transportation, FY2025-26 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

APPLICABLE IRs: IR - N/A

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, 2025-2026 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

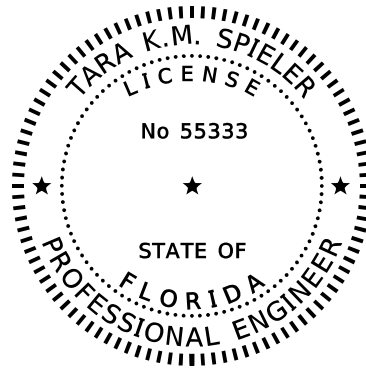
ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 900
Tampa, Florida 33602
Engineer of Record: H. Dean Grumbach, P.E.
P.E. No.: 91903

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	GENERAL NOTES
5	ROADWAY PLAN
7	SIGNING AND PAVEMENT MARKING PLAN
8-9	TEMPORARY TRAFFIC CONTROL PLAN



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

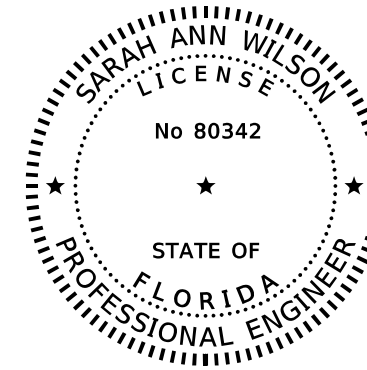
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SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 900
Tampa, Florida 33602
Engineer of Record: Tara K.M. Spieler, P.E.
P.E. No.: 55333

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
6	DRAINAGE DETAILS



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 900
Tampa, Florida 33602
Engineer of Record: Sarah A. Wilson, P.E.
P.E. No.: 80342

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
10	SOIL STABILIZATION AND GRAVITY WALL LIFTING

REVISIONS				ENGINEER OF RECORD			TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	H. DEAN GRUMBACH, P.E. LICENSE NUMBER: 91903 KISINGER CAMPO & ASSOCIATES, CORP 201 N. FRANKLIN STREET, SUITE 900 TAMPA, FL 33602			ROAD NO.	COUNTY	THEA PROJECT ID	
				SR 618A	HILLSBOROUGH	O-00619D	SIGNATURE SHEET			

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY
SUMMARY OF PAY ITEMS

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY TOTAL
SUMMARY OF ROADWAY			
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	20
104-18	INLET PROTECTION SYSTEM	EA	1
110-1-1	CLEARING & GRUBBING	AC	0.03
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	102
120-1	REGULAR EXCAVATION	CY	50
120-6	EMBANKMENT	CY	32
120-9-1	DITCH CLEARING OF LARGE VEGETATION, DITCH WIDTH UP TO 15'	LF	20
120-10-11	CLEAN AND RESHAPE DITCH, SPREAD, DITCH WIDTH UP TO 15'	LF	60
425-82	REPLACE GRATE	EA	1
430-94-1	DESILTING PIPE, 0-24"	LF	95
430-982-123	MITERED END SECTION, ROUND, 15" CD	EA	1
515-1-2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	116
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	97
550-10-420*	FENCING, WOOD FENCE, 5.1-6.0'	LF	60
570-1-2	PERFORMANCE TURF, SOD	SY	80
920-530	FABRIC-FORMED CONCRETE, RIPRAP	SY	55
SUMMARY OF STRUCTURES			
906-173-200	TWO COMPONENT POLYURETHANE INJECTION	LB	2160
SUMMARY OF PAVEMENT MARKINGS			
700-1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	1
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	28
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.035
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	1
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.154
711-16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	0.134

*FENCING QUANTITY INCIDENTAL TO DRAINAGE IMPROVEMENTS

REVISIONS				ENGINEER OF RECORD		TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	H. DEAN GRUMBACH, P.E. LICENSE NUMBER: 91903 KISINGER CAMPO & ASSOCIATES, CORP 201 N. FRANKLIN STREET, SUITE 900 TAMPA, FL 33602		ROAD NO.	COUNTY	THEA PROJECT ID	
						SR 618A	HILLSBOROUGH	O-00619D	
									3

GENERAL NOTES

- BENCHMARK DATA ARE SHOWN ON THE PROJECT LAYOUT SHEET WITH ELEVATIONS BASED OFF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- HORIZONTAL DATUM IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE (902), NORTH AMERICAN DATUM OF 1983/2011.
- THE PROPOSED IMPROVEMENTS ARE BASED ON THE LAKEWOOD DRIVE AS-BUILTS WITHOUT SURVEY CONTROL. CONTRACTOR TO SURVEY EXISTING PIPES AND GROUND WITHIN THE PROJECT AREA TO PROVIDE POSITIVE FLOW FOR THE DITCHES.
- REPLACE WOOD FENCE FOR RIPRAP FABRIC-FORMED CONCRETE INSTALLATION AS DIRECTED BY THE CEI.
- THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS SHOWN BELOW APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- UTILITY/AGENCY OWNERS: COMPANY CONTACT PHONE NUMBER
 TAMPA ELECTRIC JAIME LANDAVERDE 656-233-7613
 FRONTIER RANDY JAMES 813-892-9692

Date:		04/07/2025		Test Hole Data Report						Crew Members:		RP, IS				
ECHO Project #:		75 113		ECHO UES, Inc.		www.echos.com <td colspan="2">City, State: <td colspan="2">Bradley, FL</td> </td>		City, State: <td colspan="2">Bradley, FL</td>		Bradley, FL						
Financial Project #:		N/A		ECHO		www.echos.com		General Location:		THEA Lakewood Wall Repair						
Truck No.:		VI 4		UTILITY ENGINEERING & SURVEY		888.778.ECHO		Coordinate Unit of Measure:		US Survey Feet						
Utility Type		Utility Material		Identified By:		Abbreviations		Offset Measured From:								
BE - Buried Electrical	BCW - Reclaimed Water	AC - Transit	GALV - Galvanized Pipe	HUR - Survey Hub	N/A - Not Applicable	EP - Edge of Pavement										
GM - Gas Main	TS - Traffic Signal	CI - Cast Iron	HDPE - High Density Polyethylene Pipe	IRC - Iron Rod & Cap "C" IO TEST HOLE	NAD - North American	BC - Back of Curb										
BT - Buried Telephone	SL - Street Light	CP - Concrete Pipe	PE - Polyethylene Pipe	NL - Nail & Disk "C" IO TEST HOLE	Bottom	BL - Baseline of Survey										
HOE - Fiber Optic Cable	IRR - Irrigation Line	DRC - Direct Buried Cable	PVC - Polyvinyl Chloride	SI HV - Slove	NAVD - North American	EXORD - Survey Coordinates										
WM - Water Main	GS - Gas Service	CMIP - Corrugated Metal Pipe	SI - Steel	K - "X" in Concrete	Vertical Datum	CS - Centerline										
SN - Sanitary Sewer	WS - Water Service	CONC - Concrete	VCP - Vitified Clay Pipe	Surface Type		UNK - Unknown										
STM - Storm Sewer	UNK - Unknown Utility	CPP - Corrugated Plastic Pipe	PCCP - Prestressed Cylinder Concrete Pipe	ASPH - Asphalt		HW - Right of Way										
CAV - Cable Television	DCD - Buried Electrical Duct	IX - Dart		CONC - Concrete		ST - Swing Ties										
FM - Force Main	DTD - Buried Telephone Duct	DIP - Ductile Iron Pipe	BCP - Reinforced Concrete Pipe	NG - Natural Ground		X - "X" in Concrete										
Test Hole	Utility Type	Utility Material	Utility Size (Outside Diameter)	Utility Manual Depth (feet)	Cross Sectional View	Utility Direction	Identified By	Surface Type	Surface Thickness (inches)	Apparent Utility Depth	Datums	Horizontal: NAD 83/11	Vertical: NAVD88	Ground Elevation	Utility Elevation	
1-1	SI	PVC	2"	7.04'	○	↓	X	CONC	4"	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY	1308101.90'	Northings	Castings	555978.67'	47.54'	30.49'
1-2	EXPLORATORY - NO UTILITIES FOUND - CLEANED TO 10'							IRC	NG	N/A	N/A	1308101.86'		555981.07'	31.21'	N/A
1-3	EXPLORATORY - NO UTILITIES FOUND - CLEANED TO 10'							IRC	NG	N/A	N/A	1308103.57'		555988.12'	30.68'	N/A
1-4	EXPLORATORY - NO UTILITIES FOUND - CLEANED TO 10'							IRC	NG	N/A	N/A	1308103.90'		555991.88'	30.34'	N/A
1-5	SI	PVC	2"	7.44'	○	↑	X	CONC	4"	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY	1308202.13'		555967.07'	47.31'	29.15'	
1-6	EXPLORATORY - NO UTILITIES FOUND - CLEANED TO 10'							IRC	NG	N/A	N/A	1308199.59'		555973.29'	47.41'	N/A
1-7	EXPLORATORY - NO UTILITIES FOUND - CLEANED TO 10'							IRC	NG	N/A	N/A	1308199.53'		555976.34'	31.71'	N/A
1-8	EXPLORATORY - NO UTILITIES FOUND - CLEANED TO 10'							IRC	NG	N/A	N/A	1308199.71'		555979.38'	41.79'	N/A
Notes:												Prepared by: EU Date: 4/7/2025				
												Checked by: CM/MA Date: 4/8/2025				

PRIMARY SCOPE OF WORK

- SOIL STABILIZATION AND WALL LIFT USING SHALLOW SUBSURFACE POLYURETHANE INJECTION.
- CONCRETE SIDEWALK AND RAILING REPLACEMENT.
- FABRIC FORMED CONCRETE RIP RAP CONSTRUCTION.

DESIGN SPECIFICATIONS

- AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO), LRFD BRIDGE DESIGN SPECIFICATIONS (9TH EDITION, 2020).
- FDOT STRUCTURES DESIGN GUIDELINES (JANUARY 2025 EDITION).

DRAWING AND DIMENSIONS

- DO NOT SCALE DRAWINGS FOR DIMENSIONS NOT GIVEN.
- VERIFY ALL EXISTING FIELD CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING REPAIRS OR ORDERING ANY MATERIAL. NOTIFY ENGINEER OF ANY DISCREPANCIES FOUND.
- ALL DIMENSIONS ARE IN FEET AND INCHES.

PHASING OF WORK

- SOIL STABILIZATION AND LIFTING WORK SHALL BE COMPLETED AND APPROVED, PRIOR TO ANY OTHER WORK BEING STARTED.

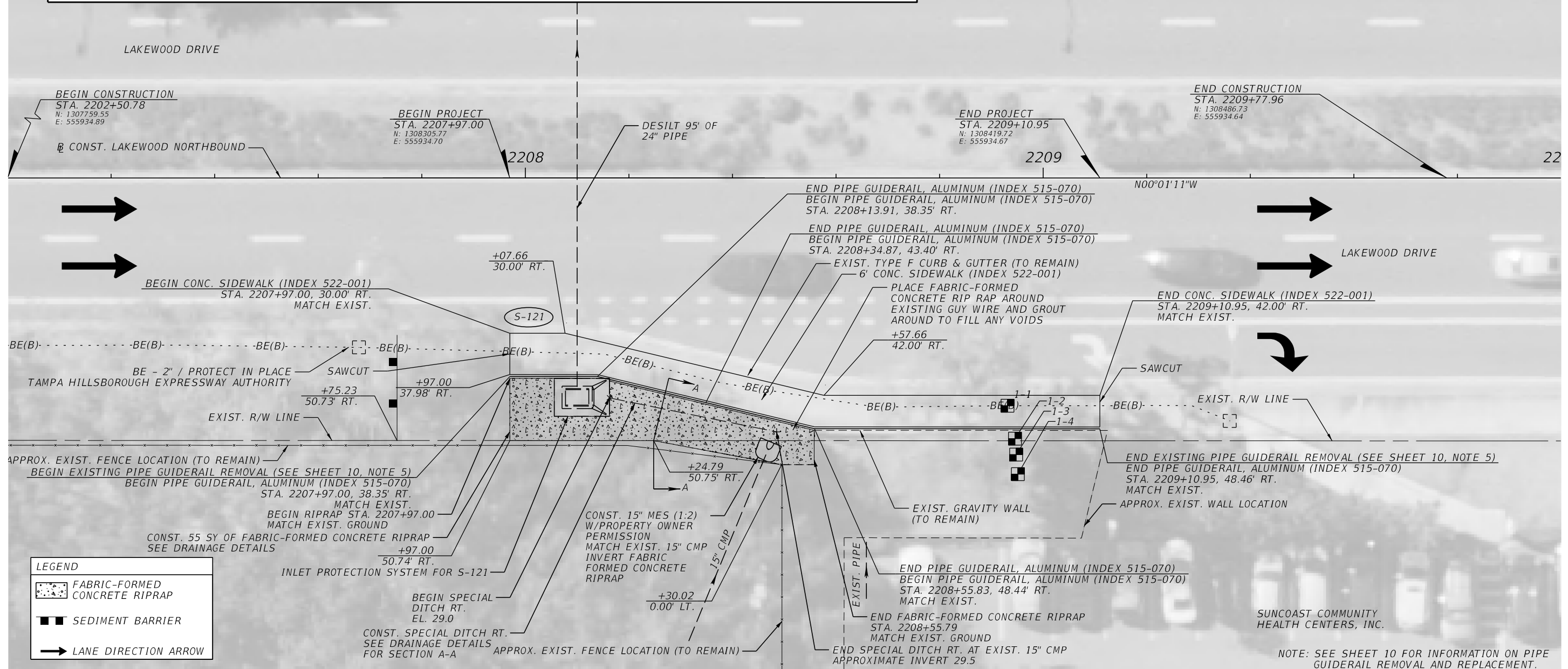
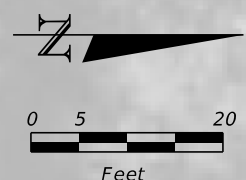
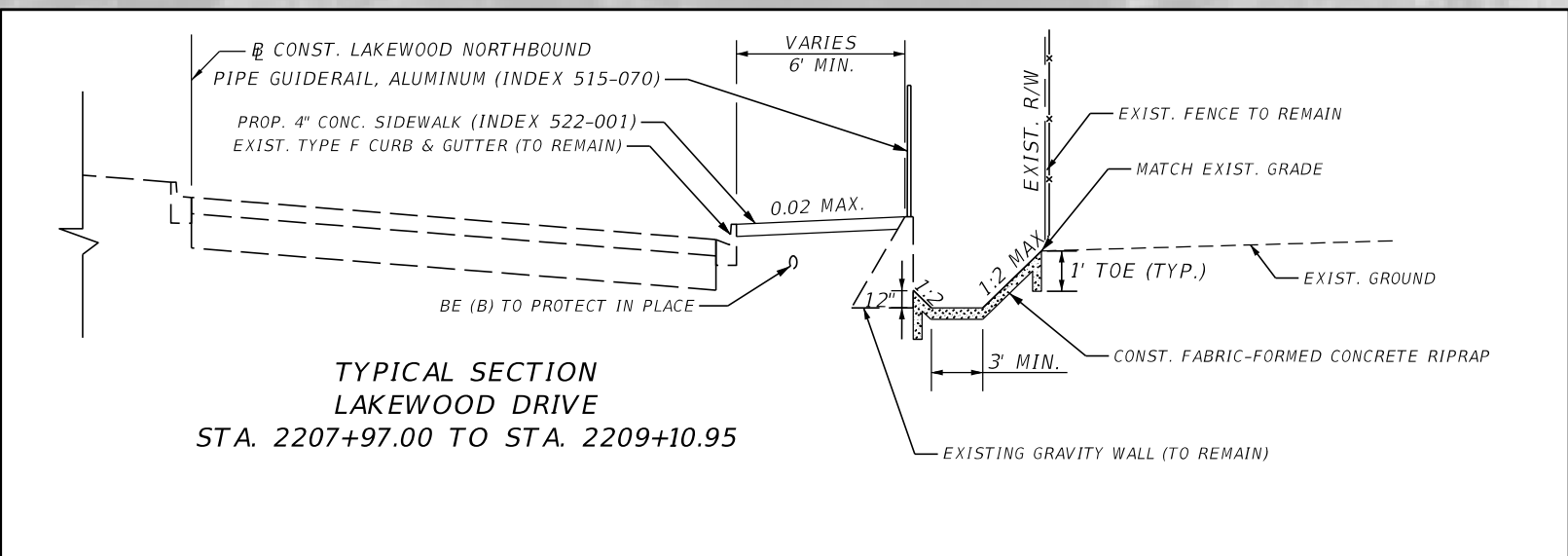
PAY ITEM NOTES

- PAYMENT FOR INCIDENTAL ITEMS NOT SPECIFICALLY COVERED IN THE INDIVIDUAL BID ITEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR BID ITEMS CONTAINED IN THIS CONTRACT.
- QUANTITY FOR PAY ITEM 906-173-200 MAY VARY BASED ON SITE CONDITIONS.

POLLUTION CONTROL

- SUBMIT A POLLUTION CONTROL PLAN TO THE ENGINEER, IN ACCORDANCE WITH THE FDOT SPECIFICATIONS, FOR APPROVAL PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES.
- DO NOT ALLOW, AT ANY TIME, ANY DISCHARGE OR MATERIALS TO FALL INTO THE WATERWAY.

REVISIONS				ENGINEER OF RECORD			TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	H. DEAN GRUMBACH, P.E. LICENSE NUMBER: 91903 KISINGER CAMPO & ASSOCIATES, CORP 201 N. FRANKLIN STREET, SUITE 900 TAMPA, FL 33602			ROAD NO.	COUNTY	THEA PROJECT ID	
				SR 618A	HILLSBOROUGH	O-00619D	GENERAL NOTES			
										4



LEGEND	
	FABRIC-FORMED CONCRETE RIPRAP
	SEDIMENT BARRIER
	LANE DIRECTION ARROW

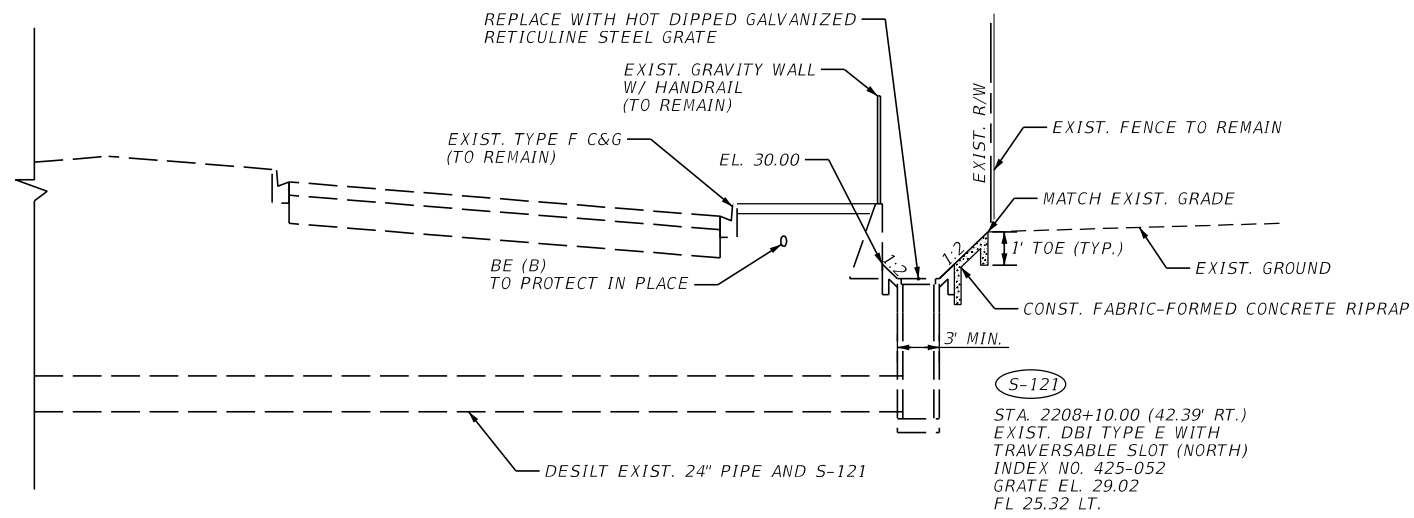
SUNCOAST COMMUNITY HEALTH CENTERS, INC.

NOTE: SEE SHEET 10 FOR INFORMATION ON PIPE GUIDERAIL REMOVAL AND REPLACEMENT.

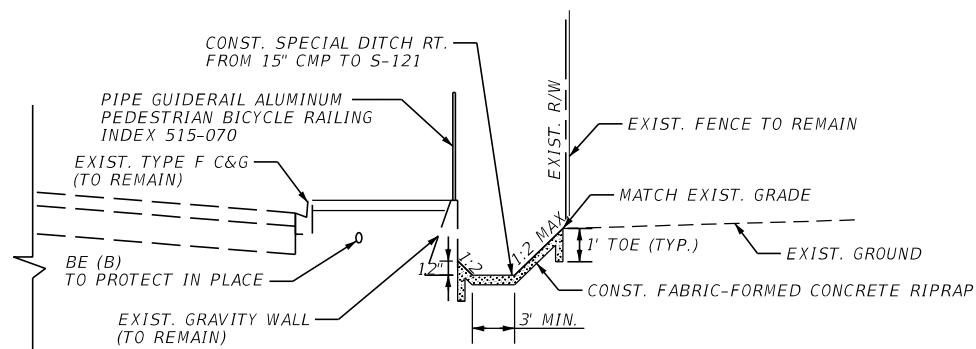
REVISIONS				ENGINEER OF RECORD		TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION	H. DEAN GRUMBACH, P.E. LICENSE NUMBER: 91903 KISINGER CAMPO & ASSOCIATES, CORP 201 N. FRANKLIN STREET, SUITE 900 TAMPA, FL 33602		ROAD NO.	COUNTY	THEA PROJECT ID	
						SR 618A	HILLSBOROUGH	O-00619D	

ROADWAY PLAN

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SECTION S-121
NTS

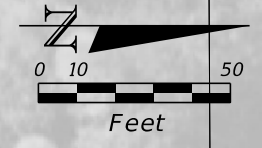


SECTION A-A
NTS

S-121
STA. 2208+10.00 (42.39' RT.)
EXIST. DBI TYPE E WITH
TRAVERSABLE SLOT (NORTH)
INDEX NO. 425-052
GRATE EL. 29.02
FL 25.32 LT.

REVISIONS				ENGINEER OF RECORD		TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION	TARA K. M. SPIELER, P.E. LICENSE NUMBER: 55333 KISINGER CAMPO & ASSOCIATES CORP. 201 N. FRANKLIN STREET, SUITE 900 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	THEA PROJECT ID	
						SR 618A	HILLSBOROUGH	O-00619D	

DRAINAGE DETAILS



NOTE: EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.

REVISIONS		ENGINEER OF RECORD		TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	THEA PROJECT ID		
				SR 618A	HILLSBOROUGH	O-00619D		

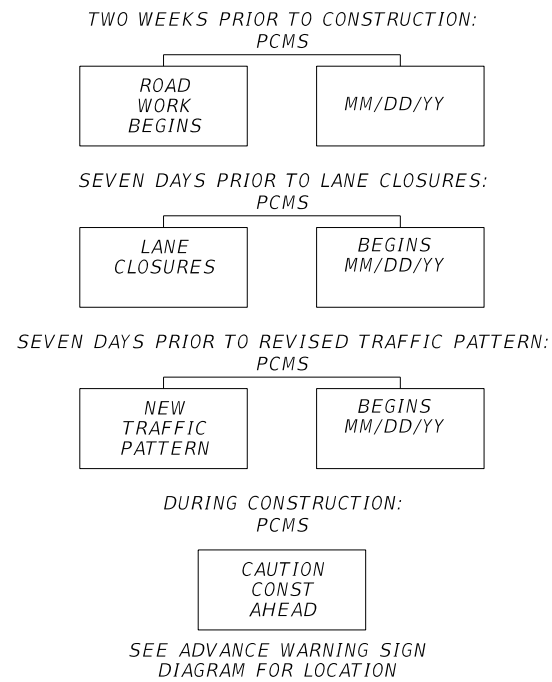
H. DEAN GRUMBACH, P.E.
 LICENSE NUMBER: 91903
 KISINGER CAMPO & ASSOCIATES, CORP
 201 N. FRANKLIN STREET, SUITE 900
 TAMPA, FL 33602

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

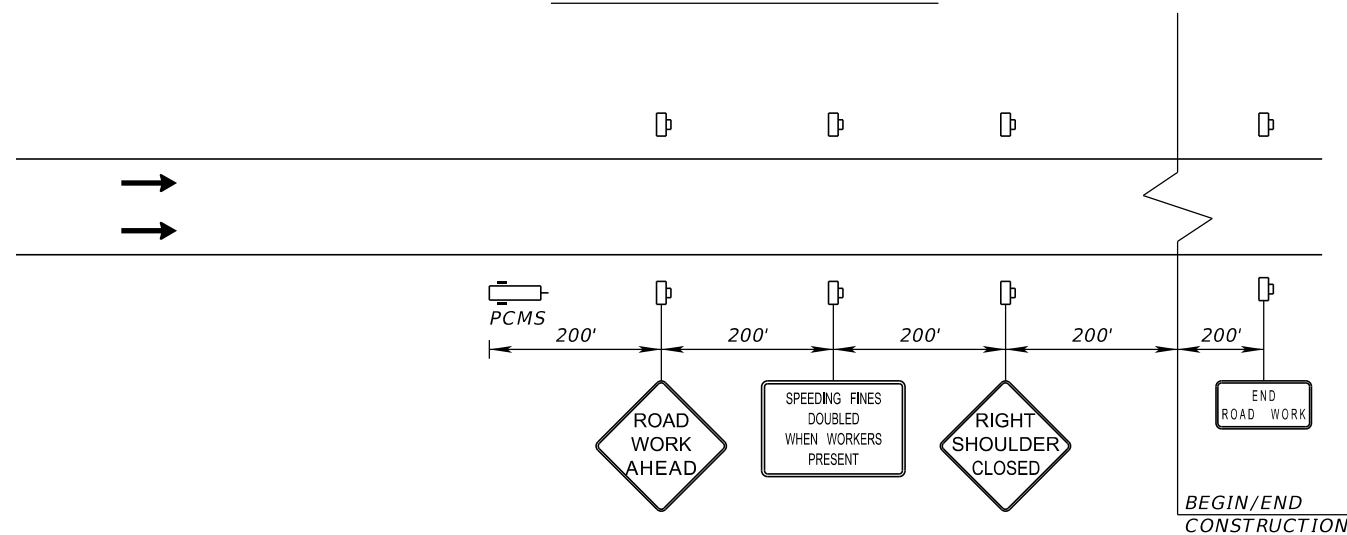
TEMPORARY TRAFFIC CONTROL PLAN (TTCP) GENERAL NOTES:

1. THE EXISTING POSTED SPEED OF 45 MPH IS TO BE MAINTAINED DURING CONSTRUCTION AT ALL TIMES.
2. LANE CLOSURES ARE ONLY ALLOWED FROM 9:00 AM TO 3:00 PM AND FROM 7:00 PM TO 5:00 AM.
3. LANE CLOSURES AND DETOURS MUST BE REPORTED TO THE AUTHORITY A MINIMUM OF FOURTEEN (14) CALENDAR DAYS PRIOR TO CLOSURE.
4. TEMPORARY TRAFFIC CONTROL ACTIVITIES SHALL ALLOW FOR ALL LANES TO BE REOPENED IN THE EVENT OF AN EMERGENCY.
5. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURES OR CHANNELIZING DEVICES SHOWN IN THE PLANS. NECESSARY ADJUSTMENTS SHALL BE MADE, AS DIRECTED BY THE ENGINEER, WITHOUT DELAY. RESPONSES TO ANY REQUESTS MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF ALL TEMPORARY TRAFFIC CONTROL PLAN DEVICES SHALL BE MADE WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION.
6. TEMPORARY TRAFFIC CONTROL SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED AS DEEMED NECESSARY BY THE ENGINEER TO AVOID CONFLICTS. MINIMUM SIGN DISTANCES WILL BE MAINTAINED DURING CONSTRUCTION. EXISTING SIGNING WHICH CONFLICTS WITH THIS TEMPORARY TRAFFIC CONTROL PLAN SHALL BE COVERED DURING CONSTRUCTION.
7. NOTIFY LOCAL LAW ENFORCEMENT, EMERGENCY/RESCUE AGENCIES LOCATED IN THE PROJECT VICINITY 24 HOURS IN ADVANCE OF PERFORMING ANY DETOURS, LANE CLOSURES, OR TRAFFIC PACING OPERATIONS.
8. MAINTAIN ALL STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS AT ALL TIMES.
9. ALL CONSTRUCTION COSTS ASSOCIATED WITH THIS TEMPORARY TRAFFIC CONTROL PLAN MUST BE INCLUDED IN PAY ITEM, 102-1, MAINTENANCE OF TRAFFIC, LUMP SUM.
10. EXISTING STRIPING IS TO BE REMOVED BY WATERBLASTING AND REPLACED WITH TEMPORARY REMOVABLE TAPE DURING CONSTRUCTION OPERATIONS TO SUPPORT THE TEMPORARY TRAFFIC CONTROL PLAN. ALL COSTS INCIDENTAL TO THESE OPERATIONS ARE INCLUDED WITHIN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC, LUMP SUM.
11. UTILIZE LANE CLOSURES FOLLOWING FDOT STANDARD PLANS INDEX 102-600, 102-602, AND 102-613 (WITH MOTORIST AWARENESS SYSTEM), FOR MILLING AND RESURFACING WITHIN THE TRAVEL LANES AND SHOULDER, WORK ZONE MOBILIZATION, AND CONSTRUCTION STAGING, AS APPROVED BY THEA AND THE ENGINEER.
12. PROVIDE AT LEAST ONE (1) OFF-DUTY LAW ENFORCEMENT OFFICER DURING ALL LANE CLOSURES.
13. COVER ALL TTC SIGNS WHEN NOT IN USE.
14. TEMPORARY PEDESTRIAN RAMPS ARE REQUIRED DURING CONSTRUCTION OPERATIONS. THE PEDESTRIAN RAMPS SHALL COMPLY WITH ALL AMERICANS WITH DISABILITIES ACT STANDARDS, INCLUDING, BUT NOT LIMITED TO, CLEAR WIDTH, CROSS SLOPE, AND DROP OFF CRITERIA. THE TEMPORARY PEDESTRIAN RAMPS MUST BE REMOVED OUTSIDE OF ACTIVE WORK PERIODS TO RESUME THE NORMAL ACCESSIBLE PEDESTRIAN ROUTE AND TRAFFIC OPERATIONS ALONG LAKEWOOD DRIVE. TEMPORARY RAMP GRADING DETAILS SHOWN IN THE TEMPORARY TRAFFIC CONTROL PLAN ARE INTENDED TO BE USED WITH TEMPORARY ASPHALT, MILLINGS, OR LUMBER. ALTERNATIVE TEMPORARY RAMPS ARE AVAILABLE WITHIN FDOT'S APPROVED PRODUCTS LIST (APL). THESE ALTERNATIVE OPTIONS MUST BE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO USE.

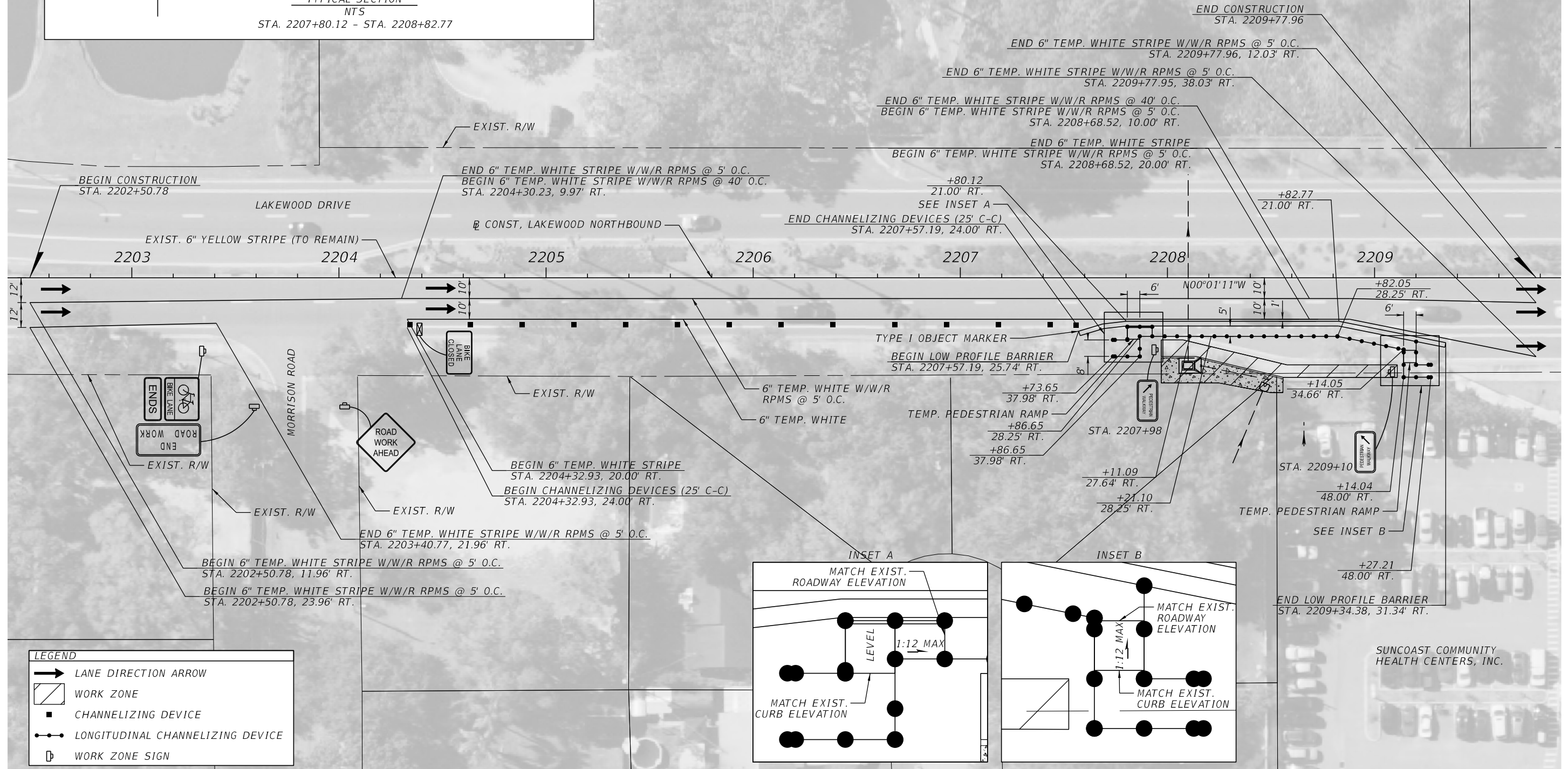
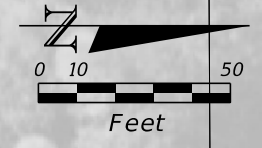
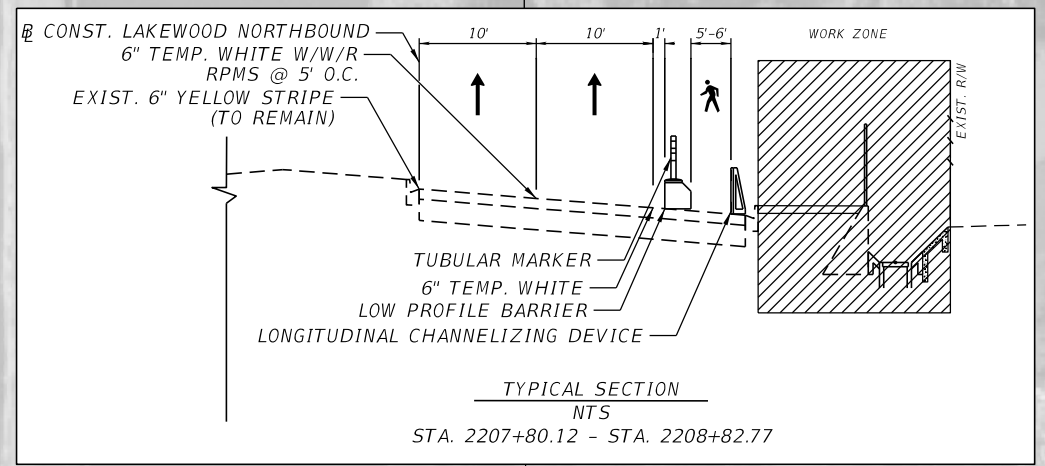
PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) DETAILS:



ADVANCED WARNING SIGN DIAGRAM

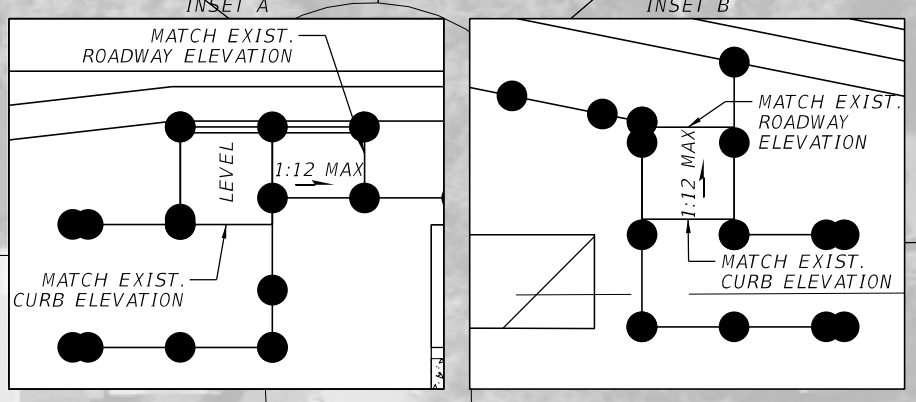


REVISIONS				ENGINEER OF RECORD		TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	H. DEAN GRUMBACH, P.E. LICENSE NUMBER: 91903 KISINGER CAMPO & ASSOCIATES, CORP 201 N. FRANKLIN STREET, SUITE 900 TAMPA, FL 33602		ROAD NO.	COUNTY	THEA PROJECT ID		
						SR 618A	HILLSBOROUGH	O-00619D		8



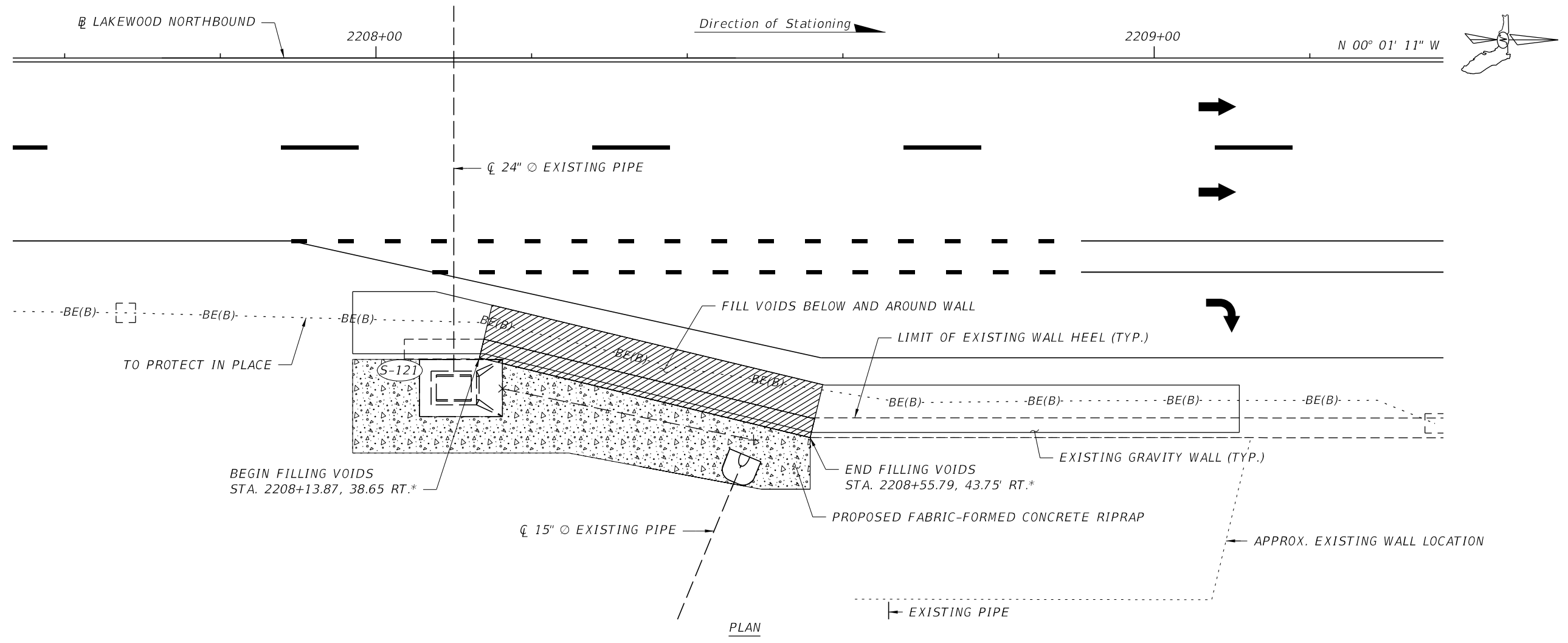
LEGEND

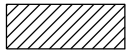
- LANE DIRECTION ARROW
- WORK ZONE
- CHANNELIZING DEVICE
- LONGITUDINAL CHANNELIZING DEVICE
- WORK ZONE SIGN



REVISIONS				ENGINEER OF RECORD	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	THEA PROJECT ID	
				H. DEAN GRUMBACH, P.E. LICENSE NUMBER: 91903 KISINGER CAMPO & ASSOCIATES, CORP 201 N. FRANKLIN STREET, SUITE 900 TAMPA, FL 33602	SR 618A	HILLSBOROUGH	O-00619D	TEMPORARY TRAFFIC CONTROL PLAN 9

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND:
 SETTLED AREA OF THE WALL
 * APPROXIMATE, MAY VARY

- NOTES:**
1. CONTRACTOR TO UTILIZE A LICENSED GROUTING CONTRACTOR EXPERIENCED IN THE UTILIZATION AND APPLICATION OF POLYURETHANE CHEMICAL GROUTING TO DEVELOP A PLAN TO STABILIZE THE SOIL AND LIFT THE WALL WHERE INDICATED. PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PERFORMING THE WORK.
 2. LIFT WALL TO BE FLUSH WITH TOP OF ADJACENT WALL. APPROXIMATELY 3".
 3. LOCATION OF INJECTION POINTS AND WALL LIFTING IS SCHEMATIC AND NOT REPRESENTATIVE OF A DESIGN. ACTUAL LOCATIONS OF INJECTION POINTS WILL BE AS NOTED ON THE SUBMITTED PLAN REFERENCED IN NOTE 1 ABOVE.
 4. DO NOT DAMAGE BURIED ELECTRIC OR OTHER UTILITIES.
 5. PRIOR TO PROPOSED RAILING INSTALLATION, REMOVE EXISTING RAILING, BASE PLATES AND ANCHOR BOLTS. CORE BOLTS TO 1" BELOW EXISTING WALL SURFACE AND SEAL WITH AN APPROVED EPOXY. SEE SHEET 5 FOR RAILING LIMITS.

REVISIONS				ENGINEER OF RECORD		TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SHEET NO. 10
DATE	DESCRIPTION	DATE	DESCRIPTION	SARAH WILSON, P.E. LICENSE NUMBER: 80342 KISINGER CAMPO & ASSOCIATES, CORP 201 N. FRANKLIN STREET, SUITE 900 TAMPA, FL 33602		ROAD NO.	COUNTY	THEA PROJECT ID	
								SR 618A	

SOIL STABILIZATION AND GRAVITY WALL LIFTING

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