


Addendum No. 3 Memorandum

DATE: November 16, 2018
 TO: District Contracts / Final Plans
 FROM: Vanita Saini, Project Manager 
 COPIES: File
 SUBJECT: **Addendum Number 3 - Letting (mo./yr.) 3/2019**
 Financial Project ID 433109-5-52-01 (Lead number only)
 Proposal/Contract ID E4T19
 Federal Funds: No Yes Federal Aid No. 0951-695-1
 County: Palm Beach State Road No. 9

Concurred by:  Date: 11/19/2018
 Signature of Alternate Contracting Coordinator (John Olson (primary) / Robert Boston (alternate)) or Designee.

Legal Approval Date: 
 (Dawn Raduano)

Central Office Approval Date: Le
 (State Construction Office – Larry Ritchie)

FHWA Concurrence Date: MC
 (FHWA Florida Division Office – Mark Clasgens)

CONTRACT TIME REVISED: No Yes (If yes, _____ Calendar Days)

<u>Page No(s).</u>	<u>Rev. Date</u>	<u>Description</u>
RFP, pgs. 3	11/16/18	Updated the Attachments listing as follows: H. Typical Section Package <ul style="list-style-type: none"> • 95 Express Mainline (including Clint Moore Road) <u>(Revised)</u> • Glades Road • Linton Boulevard I. Pavement Design Report <ul style="list-style-type: none"> • 95 Express Mainline (including Clint Moore Road) • Glades Road <u>(revised)</u> • Linton Boulevard J. Design Variations <ul style="list-style-type: none"> • 95 Express Mainline (including Clint Moore Road) • Glades Road <u>(revised)</u> • Linton Boulevard L. Design Build Functional Requirements for ITS Deployment Draft <u>(revised)</u>

RFP, pgs. 5-6 11/16/18 Updated the Reference Documents listing as follows:

1. Concept Design

CADD Files

- 95 Express Mainline (including Clint Moore Road)
- Glades Road *(revised)*
- Linton Boulevard
- 95 Express Phase 4 (Draft)

Bridge Reports

- Glades Road Bridge Widening Report
- Airport Road Ramp Bridge Development Report

7. Utilities

Preliminary Utility Conflict Identification Sheets *(revised)*
 Preliminary Utility Conflict Matrix *(revised)*
 Utility Permit Reviews *(revised)*

8. Toll Infrastructure

Toll Site Technical Memorandum template *(revised)*

RFP, pg. 17-18 11/16/18 Section I.C – Bid Alternatives has been revised as follows

~~Bid Alternative 4 includes all of the work described in Bid Alternative 1, Bid Alternative 2 and Bid Alternative 3, as defined in the RFP and RFP Attachments and the addition of the following improvements:~~

- ~~o Replacement of all existing lighting within the I-95 corridor from south of Glades Road to south of Linton Boulevard.~~

RFP, pg. 19-20 11/16/18 Section II – Schedule of Events has been revised as follows

November 28, 2018	One-on-One Alternative Technical Concept Discussion Meeting No. 4. 60-90 Minutes will be allotted for this Meeting. This ATC meeting is for continuing discussion on ATCs submitted prior to November 13, 2018 for which the Department requested additional information and were not approved or for new ATCs that are a direct response to an Addendum issued on or after November 26, 2018. No other new ATC submittals will be accepted after November 26, 2018 deadline.
January 2+22 , 2019	Technical Proposal Page Turn Meeting. Times will be assigned during the Pre-Proposal Meeting. 30 Minutes will be allotted for this Meeting.

RFP, pg. 71-75 11/16/18 Section VI.D – Utility Coordination has been revised as follows

Table A – Summary of Department Contemplated Adjustment, Protection, or Relocation***

<u>UA/O</u>	<u>Bid Alternative 1 Utility Relocation Type</u>	<u>Bid Alternative 2 Additional Utility Relocation Type*</u>	<u>Bid Alternative 3 Additional Utility Relocation Type**</u>	<u>Cost Estimate</u>
<u>Columbus Networks/GU Holdings</u>	<u>AdjustmentsProt ection</u>	<u>AdjustmentsNo Facilities</u>	<u>AdjustmentsNo Facilities</u>	<u>TBD</u>
<u>Florida Power and Light (FPL) Transmission</u>	<u>ProtectionNone Anticipated</u>	<u>None AnticipatedProtection /Adjustments</u>	<u>None AnticipatedProtection /Adjustments</u>	<u>TBD</u>
<u>Florida Public Utilities</u>	<u>Protection/Adjust ments</u>	<u>Protection</u>	<u>Protection</u>	<u>TBD</u>

The following additional utility impacts are anticipated for Bid Alternative 2 Linton Blvd. Improvements:

- AT&T Duct Bank Adjustments/Protection (oriented east-west along north side of Linton Blvd.)
- FPL Distribution Utility Poles (including all UA/O's facilities aerially mounted to poles)
- City of Delray Beach 16" Water Main (30" casing) west of I-95 near SB I-95 on-ramp (directly impacted by new ramp configuration)
- City of Delray Beach 12" Water Main on west side of Congress Ave.
- Century Link Buried Fiber Optic east and west of I-95 along south side of Linton Blvd.

The following additional utility impacts are anticipated for Bid Alternative 3 Linton Blvd. Improvements (not inclusive of bid alternative 2):

- AT&T Duct Bank Adjustments/Protection (oriented east-west along north side of Linton Blvd.)
- FPL Distribution Utility Poles (including all UA/O's facilities aerially mounted to poles)
- City of Delray Beach 16" Water Main (30" casing) east of I-95 near NB I-95 off-ramp (directly impacted by new ramp configuration)
- Century Link Buried Fiber Optic east and west of I-95 along south side of Linton Blvd.

RFP, pg. 71-75 11/16/18

Section VI.G – Geometric Design has been revised as follows

For Glades Road, the east bound right turn lane into 2300 Glades commercial property shall be partially modified to correct the existing ponding issue within the taper and storage area. Curb reconstruction, milling and resurfacing and overbuild may be necessary to alleviate this existing problem. Asphalt paving over the concrete gutter which reduces the curb height will not be permitted to correct the

ponding.

For Glades Road, the existing drainage system will be impacted and will require modifications due to widening along the west bound curb and gutter at the dedicated right turn lane into Glades Corporate Center. The existing ±250 LF french drain system shall be reconstructed behind the curb and gutter, outside the roadway.

Along Glades Road, the existing bridge over N. Military Trail will be widened and the existing sidewalk reconstructed. The eastbound two-lane entrance ramp to I-95 requires the sidewalk to be reconstructed with barrier wall, shoulder barrier inlets installed and adequate drop off protection. The westbound roadway along Glades Road requires widening and modifications to the embankment slope. The modified embankment slope for both the eastbound and westbound roadway shall be designed and constructed for all stormwater run off to be contained within the FDOT right of way. Retaining walls will be required to meet drainage requirements and allow for maintenance.

RFP, pg. 92-93 11/16/18

Section VI.I.3 – Structure Plans has been revised as follows

e. Glades Road Bridges 930245, 930246, 930247 and 930248 Strengthening

Current load ratings for Bridges 930247 (WB) and 930248 (EB) have identified interior beams 3, 4, 5 and 6 in spans 4 with FL 120 rating factors below 1.0.

Current load ratings for Bridge 930245 (WB) have identified multiple beams in spans 1 and 5 with FL120 rating factors below 1.0 and for Bridge 930246 (EB) identified multiple beams in spans 1, 2, 3 and 5 with FL 120 rating factors below 1.0.

The bridges (four listed above) shall be strengthened, if the bridge is widened or modified, to meet an allowable load ratings for FL 120 loading above 1.0. Strengthening for these four bridges shall consist of utilizing carbon fiber reinforced polymer (CFRP). Strengthening for these bridges shall be in accordance with the Fiber Reinforced Polymer Guidelines (FRPG) in the latest Structures Manual.

Extract shear rebar reinforcement samples from the existing AASHTO beams to confirm the yield strength. Bars shall be of sufficient length to properly test. Repair any damage to existing beams and replace reinforcement sections removed with properly designed replacement rebar. All samples may be taken from one beam. A

minimum of 5 samples shall be tested and shared with the Department.

f. Glades Road Bridge 930247 (WB)

At a minimum, the exterior beam for the span over northbound I-95 shall be replaced in order to maintain a minimum 16.0 feet of vertical clearance over I-95.

RFP, pg. 93 11/16/18 Section VI.I.4 – Structure Plans has been revised as follows

Noise Wall Table						
Noise Wall Number	From Station	To Station	Approximate Length	Side	Adjacent Community	Type of Noise Wall
1	3451+69	3456+19	450	Right	Hidden and Tropic Palms	8' Tall Shoulder Mounted (Connects to Existing Noise Wall)
2	3471+39	3482+19	1,069	Right	Bahia Delray and Tierra Verde	14' Tall Shoulder Mounted Replacement
	3482+19	3486+63	440	Right	Bahia Delray and Tierra Verde	14' Tall Shoulder Mounted
43	3485+34	3493+46	825	Right	Tierra Verde	22' Tall Ground Mounted
54*	452+00	463 462+00 80	1,100 1,080	Right	University Heights	18-16' Tall Ground Mounted

*Noise Wall Number ~~5-4~~ is along Yamato Road (all others along I-95)

RFP, pg. 101-102 11/16/18 Section VI.N.3 – Temporary Traffic Control Plan has been revised as follows

1. On the cross streets, lane closures are only allowed between the time periods listed below.

Daytime:

Cross Street	Lanes Closed	Monday - Friday	Saturday	Sunday
Glades Road	1 2	9:30 am – 4:00 pm None	6:00 am – 9:00 pm None	6:00 am – 9:00 pm None
Clint Moore Road	1	9-30 am – 4:00 pm <u>Duration of Bridge Construction*</u>	6:00 am – 9:00 pm <u>Duration of Bridge Construction*</u>	6:00 am – 9:00 pm <u>Duration of Bridge Construction*</u>
Linton Boulevard	1 2	9:30 am – 4:00 pm None	6:00 am – 9:00 pm None	6:00 am – 9:00 pm None

*For a maximum duration of one calendar year.

Nighttime:

Cross Street	Lanes Closed	Monday - Friday	Saturday	Sunday
Glades Road	1	9:00 pm – 6:00 am	9:00 pm – 6:00 am	9:00 pm – 6:00 am
	2	10:30 pm – 6:00 am	10:00 pm – 7:00 am	10:30 pm – 6:00 am
	Full	11:00 pm – 5:00 am	11:00 pm – 5:30 am	11:00 pm – 5:00 am
Clint Moore Road	1	9:00 pm – 6:00 am	9:00 pm – 6:00 am	9:00 pm – 6:00 am
	Full	10:00 pm – 6:00 am	10:00 pm – 6:00 am	10:00 pm – 6:00 am
Linton Boulevard	1	9:00 pm – 6:00 am	9:00 pm – 6:00 am	9:00 pm – 6:00 am
	2	10:30 pm – 6:00 am	10:00 pm – 7:00 am	10:30 pm – 6:00 am
	Full	11:00 pm – 5:00 am	11:00 pm – 5:30 am	11:00 pm – 5:00 am

RFP, pg. 118 11/16/18 Section VI.Q – Signalization Plans has been revised as follows

New signals, including new mast arms and all new signal equipment, shall be provided (reconstruction) for the signalized intersections at the I-95 northbound and southbound ramps, and at Airport Road/NW 15th Avenue. Signalization Concept Plans for these intersections are included in Reference Document 1. Due to the impacts of the proposed widening to the existing signal strain pole on the southwest corner of Glades Road and W. University Drive, ~~the all~~ signal supports in the intersection shall be upgraded to include mast arms as needed in accordance with PPM Volume 1 Chapter 25, Section 25.4.26 Ancillary Structures (Sign, Signal, Lighting and ITS).

RFP, pg. 144 11/16/18 Section VIII.A – Bid Price Proposal has been revised as follows

~~Bid Alternative 4 includes all of the work described in Bid Alternative 1, Bid Alternative 2 and Bid Alternative 3, as defined in the RFP and RFP Attachments and the addition of the following improvements:~~

- ~~o Replacement of all existing lighting within the I-95 corridor from south of Glades Road to south of Linton Boulevard.~~

~~Stacy Ann Brown~~ Maria Velarde
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 Florida Department of Transportation, District Four
 3400 West Commercial Boulevard
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Attachment H 11/16/18 Updated Typical Section Package

Attachment H 11/16/18 Updated Pavement Design Report

Attachment H 11/16/18 Updated Design Variations

Attachment H 11/16/18 Updated Design Build Functional Requirements for ITS Deployment Draft

Ref. Doc. 1	11/16/18	Updated Glades Road CADD Files, Provided 95 Express Phase 4 CADD Files (Draft), Provided Bridge Reports
Ref. Doc. 7	11/16/18	Updated Utility Permit Reviews
Ref. Doc. 8	11/16/18	Updated Toll Site Technical Memorandum