



ADDENDUM NO. 4

Issue Date: September 22, 2023

Project Name: IRC-2115: Trans Florida Railway Trail from Fellsmere to West of I-95

Bid Number: 2024006

FDOT FM No.: 446073-1-58-01

Bid Opening Date: **October 4, 2023 at 2:00 p.m.**

This addendum is being released to provide modifications to the bid documents and answer bidder questions.

The information and documents contained in this addendum are hereby incorporated in the invitation to bid. **This addendum must be acknowledged where indicated on the bid form, or the bid may be declared non-responsive.**

Modifications to Bid Documents:

Questions must be received by 2:00 p.m. on September 25, 2023 to be considered.

- **Replace Itemized Bid Schedule (Section 00310-3), with the attached Itemized Bid Schedule – Addendum 4.**
- **Section 00520, Agreement, Article 4-Contract Times, Item 4.02, and Section 00550-Notice to Proceed Substantial Completion time for the contract has been increased from 90-days to 210-days. Final Completion time for the contract has been increased from 120-days to 240-days.**
- **Replace Plan Sheet C4, Summary of Quantities, Pay Items and Drainage Pipes with Plan Sheet C4, Summary of Quantities, Pay Items and Drainage Pipes – Addendum 4**
- **Replace Plan Sheet C9a, Listed Species Special Construction Notes with Plan Sheet C9a, Listed Species Special Construction Notes - Addendum 4**
- **Replace Plan Sheet C22, Plan and Profile with Plan Sheet C22, Plan and Profile - Addendum 4**
- **Replace Plan Sheet C30, Plan and Profile with Plan Sheet C30, Plan and Profile – Addendum 4**

Questions and Answers

1. Please verify the staging and decontamination areas for construction equipment.
Attached see Exhibit 1 and Exhibit 2 maps showing the staging area and decontamination site.
2. Please provide confirmation of the following number for FDOT form
 - a) Item/Segment number **446073-58-01**
 - b) FDOT L.A.P number **G2L32**
 - c) The FAP number (Federal Aid Project) **D422-0740-B**
 - d) FDOT Department number **FM 446073-1-58-01**
3. What is the estimate for the project?
The correct estimate for the project is \$833,018.40.
4. Is the contractor to assume no removal of unsuitable materials? Without a soils report there would be no option to quantify the quantity of unsuitable materials, if they exist.
A soils investigation was not performed for this project. It is assumed that no unsuitable materials will be encountered that require removal.
5. The heavy-duty typical section on Plan Sheet C22 calls for 2" of Type SP-12.5, but there is no bid item for this thickness. Will we get a revised bid form to reflect this thickness?
The quantity (tons) of Type SP-12.5 Asphalt required to construct the 2" heavy-duty section is included in Pay Item 334-1-13B and has been rounded up to 34 Tons in the Itemized Bid Schedule.
6. The semi heavy-duty typical section on Plan Sheet C22 calls for 1.5" of Type SP-12.5, but there is no bid item for this thickness. Will we get a revised bid form to reflect this thickness?
The quantity (tons) of Type SP-12.5 Asphalt required to construct the 1-1/2" semi heavy-duty section is included in Pay Item 334-1-13B and has been rounded up to 34 Tons in the Itemized Bid Schedule.
7. Bid item 285-711 (OBG 11 12" Cemented Coquina) appears to be off by 100 SY. Please clarify this quantity of 43 SY is correct?
The attached revised Plan Sheet C4, Pay Item 285-711 quantity has been revised to 143 SY.
8. The Pavement and Saw-cut and Butt Joint Detail on Plan Sheet C30 appears to be from another project.
The attached revised Plan Sheet C30 Pavement Saw-cut and Butt Joint Detail has been revised to show the proposed pavement connection to the existing trail.

Attachments:

Revised Itemized Bid Schedule

Revised Plan Sheet C4 – Summary of Quantities, Pay Items and Drainage Pipes

Revised Plan Sheet C9a – Listed Species Special Construction Notes

Revised Plan Sheet C22 – Plan and Profile - Heavy Duty Typical Trail Section

Revised Plan Sheet C30 – Plan and Profile – Pavement Saw-cut and Butt Joint Detail

Map Exhibit 1 - Trans-Florida Railway Trail Staging & Site Access

Map Exhibit 2 - Trans-Florida Railway Equipment/Vehicle Decontamination Site

ITEMIZED BID SCHEDULE*** ADDENDUM 4 9/21/2023** IRC-2115**PROJECT NAME: Trans-Florida Railway Trail****PROJECT NO. IRC-2115****BID NO. 2024006****FM NO. 446073-1-58-01****BIDDER'S Name:**

Item No.	Description	Unit	Quantity	Unit Price	Amount
101-1	MOBILIZATION	IS	1		
102-1	MAINTENANCE OF TRAFFIC	IS	1		
104-1	ARTIFICIAL COVERINGS/EROSION CONTROL ABATEMENT PRODUCTS	SY	8,150		
104-10-3	SEDIMENT BARRIER	LF	14,800		
104-15	SOIL TRACKING PREVENTION DEVICE	EA	2		
110-1-1	CLEARING & GRUBBING	AC	4.5		
120-1	REGULAR EXCAVATION	CY	2,725		
120-6	EMBANKMENT	CY	100		
160-4	TYPE B STABILIZATION 12" (LBR-40)	SY	13,100		
285-704	OPTIONAL BASE GROUP 4 (6" CEMENTED COQUINA) (LBR 100)	SY	10,500		
285-706	OPTIONAL BASE BROUP 6 (8" CEMENTED COQUINA) (LBR 100) (FPL EASEMENT AREA)	SY	202		
* 285-711	OPTIONAL BASE GROUP 11 (12" CEMENTED COQUINA) (LBR 100) (FPL EASEMENT AREA)	SY	143		
334-1-12	SUPERPAVE ASPHALT CONCRETE, TRAFFIC B (TYPE SP-9.5, 1.5")	TN	790		
* 334-1-13A	SUPERPAVE ASPHALT CONCRETE TRAFFIC C (TYPE SP-9.5) (FPL EASEMENT)	TN	24		
* 334-1-13B	SUPERPAVE ASPHALT CONCRETE TRAFFIC C (TYPE SP-12.5) (FPL EASEMENT)	TN	34		
430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND 15" S/CD (RCP)	LF	24		
430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND 24" S/CD (RCP)	LF	80		
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ROUND 19"X30" S/CD (ERCP)	LF	40		
570-1-2	PERFORMANCE TURF, SOD (MATCH EXISTING)	SY	6,450		
700-1-11	SCRUB JAY SIGNAGE (INSTALLATION ONLY)	AS	2		
700-1-11A	SINGLE POST SIGN, UP TO 12 SF	AS	1		
519-78	BOLLARDS (COLLAPSIBLE)	EA	4		
999-1	ASBUILT SURVEYING AND RECORD DRAWING PREPARATION (BY REGISTERED SURVEYOR)	IS	1		
				SUB-TOTAL =	
999-25A				FORCE ACCOUNT =	\$100,000.00
				TOTAL PROJECT BID AMOUNT (INCLUDING FORCE ACCOUNTS) =	

IS=Imp Sum AC=Acre EA=Each CY=Cubic Yard SY=Square Yard TN=Ton LF=Linear Foot AS=Assembly

NOTE: IF THERE IS A DISCREPANCY BETWEEN THE PLANS (SUMMARY OF PAY ITEMS) AND THE ITEMIZED BID SCHEDULE, THE BID SCHEDULE WILL BE UTILIZED FOR BIDDING PURPOSES.**TOTAL PROJECT BID AMOUNT IN WORDS**

SUMMARY OF PAY ITEMS:

- 110-1-1 THIS PROJECT WILL REQUIRE REMOVAL OF EXISTING ASPHALT MILLINGS AND SEMI-FLEXIBLE PAVEMENT FROM STA 127+04.10 TO STA 141+15.04. GRUBBING IS ESTIMATED TO LEAVE SURFACE 6" BELOW THE EXISTING GRADE, ON AVERAGE, AS REFERENCED ON THE SURVEY. REMOVAL AND DISPOSAL SHALL BE INCLUDED UNDER THIS PAY ITEM.

- 120-1 EXCAVATION SHALL INCLUDE REMOVAL AND DISPOSAL. QUANTITY CALCULATED IS IN SITU WITH NO FLUFFING FACTOR APPLIED. QUANTITY CALCULATED USING 100% NON-SITE SOILS FOR TYPE 'B' STABILIZATION SECTION. EXCAVATION MATERIAL UNDER THIS PAY ITEM SHALL BE RE-USED ON SITE AS EMBANKMENT UNDER 120-6.

- 120-6 EMBANKMENT CALCULATED IN SITU, NO COMPACTION FACTOR APPLIED. EXCAVATION FROM PAY ITEM 120-1 SHALL BE USED FOR THIS ITEM.

- 700-1-11 INDIAN RIVER COUNTY SHALL PRODUCE SCRUB JAY SIGN GRAPHIC AND SIGN POST ASSEMBLY. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AS DEPICTED ON APPROVED PLANS OR AS DIRECTED BY PARK PRESERVE STAFF.

- 519-78 CONTRACTOR SHALL INCLUDE MATERIAL COSTS AND INSTALLATION OF COLLAPSIBLE BOLLARDS. COLLAPSIBLE BOLLARD SHALL BE PER SPECIFICATION AS NOTED IN THE CONTRACT DOCUMENT, OR APPROVED EQUAL UPON REVIEW AND APPROVAL OF APPROVED EQUUAL BY IRC STAFF AND ENGINEER OF RECORD.

PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY
ROADWAY PAY ITEMS			
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-1	ARTIFICIAL COVERINGS / EROSION CONTROL ABATEMENT PRODUCTS	SY	8,150
104-10-3	SEDIMENT BARRIER	LF	14,800
104-15	SOIL TRACKING PREVENTION DEVICE	EA	2
110-1-1	CLEARING AND GRUBBING	AC	4.50
120-1	REGULAR EXCAVATION	CY	2,725
120-6	EMBANKMENT	CY	100
160-4	TYPE B STABILIZATION 12" (LBR-40)	SY	13,100
285-704	OPTIONAL BASE GROUP 4 (6" CEMENTED COQUINA) (LBR 100)	SY	10,500
285-706	OPTIONAL BASE GROUP 6 (8" CEMENTED COQUINA) (LBR 100) (FPL EASEMENT AREA)	SY	202
285-711	OPTIONAL BASE GROUP 11 (12" CEMENTED COQUINA) (LBR 100) (FPL EASEMENT AREA)	SY	143
334-1-12	SUPERPAVE ASPHALT CONCRETE, TRAFFIC B (TYPE SP-9.5, 1.5")	TN	790
334-1-13A	SUPERPAVE ASPHALT CONCRETE TRAFFIC C (TYPE SP-9.5) (FPL EASEMENT AREA)	TN	23.4
334-1-13B	SUPERPAVE ASPHALT CONCRETE TRAFFIC C (TYPE SP-12.5) (FPL EASEMENT AREA)	TN	33.2
430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15" S/CD (RCP)	LF	24
430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/CD (RCP)	LF	80
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 19"x30" S/CD (ERCP)	LF	40
570-1-2	PERFORMANCE TURF, SOD (MATCH EXISTING)	SY	6,450
700-1-11	SCRUB JAY TRAIL SIGNAGE (INSTALLATION ONLY)	AS	2
700-1-11	SINGLE POST SIGN, UP TO 12SF	AS	1
519-78	BOLLARDS (COLLAPSIBLE)	EA	4
999-1	ASBUILT SURVEYING AND RECORD DRAWING PREPARATION (BY REGISTERED SURVEYOR)	LS	1

4

5

SUMMARY OF DRAINAGE PIPES								
MARK	STATION	DESCRIPTION	SIZE	LENGTH	START PIPE	START INVERT	END PIPE	END INVERT
#1	68+23.93	RCP	15"	24 LF	10.11 RIGHT	25.00	13.89 RIGHT	25.00
#2	73+71.68	RCP	24"	40 LF	18.57 RIGHT	25.00	21.43 RIGHT	25.00
#3	83+09.52	RCP	24"	40 LF	19.90 RIGHT	26.40	20.10 LEFT	26.40
#4	141+00.0	ERCP	19"x30"	40 LF	17.11 RIGHT	22.50	22.89 LEFT	22.50

ADDENDUM 4

REVISIONS	DATE	JOB NO.	21-0311
△ REVISED PAY ITEM NUMBERS	09/21/2023	DESIGNED	TH
△ REVISED PER ADDENDUM #3 - REV. PAY ITEM QTY	09/20/2023	DRAWN	SS
△ PER FDOT LISTED SPECIES COMMENTS	05/02/2023	DATE	DEC. 2021
△ PER FPL COMMENTS	12/14/2022	CHECKED	AS
△ PER FDEP RAI #1 COMMENTS	09/09/2022	DATE ISSUED	12/20/2022
△ PER SJRWMD FIELD INSPECTION	08/23/2022		

MBV ENGINEERING, INC.
 MOIA BOWLES VILLAMIZAR & ASSOCIATES
 CONSULTING ENGINEERING CA #3728

1835 20TH STREET
 VERO BEACH, FL 32960
 PH. (772) 569-0035
 FX. (772) 778-3617

MELBOURNE, FL - PH (321) 253-1510
 FT. PIERCE, FL - PH (772) 468-9055

INDIAN RIVER COUNTY FLORIDA

HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION

SUMMARY OF QUANTITIES, PAY ITEMS AND DRAINAGE PIPES

SHEET **C4**

DATE: 21-0311

US FISH AND WILDLIFE SERVICE SPECIAL CONSTRUCTION NOTES:

1. ALL CONSTRUCTION AND PAVING ACTIVITIES WILL OCCUR OUTSIDE OF THE FLORIDA SCRUB JAY NESTING SEASON WHICH IS FROM JULY 15TH TO FEBRUARY 15TH.
2. STORAGE OF MATERIALS AND EQUIPMENT ASSOCIATED WITH THE PROJECT WILL NOT OCCUR IN NEAR SUITABLE HABITAT FOR THE FLORIDA SCRUB JAY AND WILL BE LIMITED TO DISTURBED AREAS TO HAVE THE GREATEST EXTENT PRACTICABLE.

FEBRUARY 15TH TO JUNE 15TH



LISTED SPECIES / WILDLIFE SPECIAL CONSTRUCTION NOTES:

1. ALL MEASURES WILL BE TAKEN DURING CONSTRUCTION TO AVOID CONTACT WITH ANY LISTED SPECIES. IN THE EVENT OF LOCATING A DEAD, INJURED, OR SICK THREATENED OR ENDANGERED SPECIES, INITIAL NOTIFICATION WILL BE MADE TO THE NEAREST USFWS LAW ENFORCEMENT OFFICE IN VERO BEACH AND SECONDARY NOTIFICATION WILL BE MADE TO FWC.
2. CARE WILL BE TAKEN IN HANDLING SICK OR INJURED SPECIMENS (OF ANY FEDERALLY LISTED SPECIES) TO ENSURE EFFECTIVE TREATMENT AND CARE OR IN THE HANDLING OF DEAD SPECIMENS TO PRESERVE BIOLOGICAL MATERIAL IN THE BEST POSSIBLE STATE FOR LATER ANALYSIS AS TO THE CAUSE OF DEATH. IN CONJUNCTION WITH THE CARE OF SICK OR INJURED INDIVIDUALS, OR PRESERVATION OF BIOLOGICAL MATERIALS FROM A DEAD ANIMAL, THE FINDER HAS THE RESPONSIBILITY TO CARRY OUT INSTRUCTIONS PROVIDED BY LAW ENFORCEMENT TO ENSURE THAT EVIDENCE INTRINSIC TO THE SPECIMEN IS NOT UNNECESSARILY DISTURBED.
3. STANDARD PROTECTION MEASURES FOR THE GOPHER TORTOISE WILL BE DEPLOYED DURING PROJECT CONSTRUCTION.
4. SETS OF WILDLIFE EDUCATION SIGNS FOR THE FLORIDA SCRUB JAY WILL BE PLACED ALONG THE TRAIL TO EDUCATE USERS OF THE SPECIES.
5. INDIAN RIVER COUNTY COMMITTED TO A NO CONSTRUCTION ORDER DURING NESTING SEASON OF THE FLORIDA SCRUB JAY, WHICH IS FROM JULY 15TH TO FEBRUARY 15TH.
6. THE CONTRACTOR WILL BE REQUIRED TO INSTALL SILT FENCE PRIOR TO INITIATION OF GROUND-DISTURBING ACTIVITIES. MAINTAIN FENCE THROUGHOUT CONSTRUCTION. AVOID DISTURBING OR CLEARING SCRUB JAY HABITAT FROM WITHIN DELINEATED AREAS. THEN REMOVE FENCE AFTER CONSTRUCTION IS COMPLETE

FEBRUARY 15TH TO JUNE 15TH



ADDENDUM 4

REVISIONS	DATE	JOB NO.	21-0311
---	---	DESIGNED	TH
---	---	DRAWN	SS
△ REVISED PER ADDENDUM #3 - REV. NESTING RANGE	09/20/2023	DATE	DEC. 2021
△ PER FDOT LISTED SPECIES COMMENTS	05/02/2023	CHECKED	AS
△ PER FPL COMMENTS	12/14/2022	DATE ISSUED	12/20/2022
△ PER FDEP RAI #1 COMMENTS	09/09/2022		
△ PER SJRWMD FIELD INSPECTION	08/23/2022		

MBV
ENGINEERING, INC.
 MOIA BOWLES VILLAMIZAR & ASSOCIATES
 CONSULTING ENGINEERING CA #3728

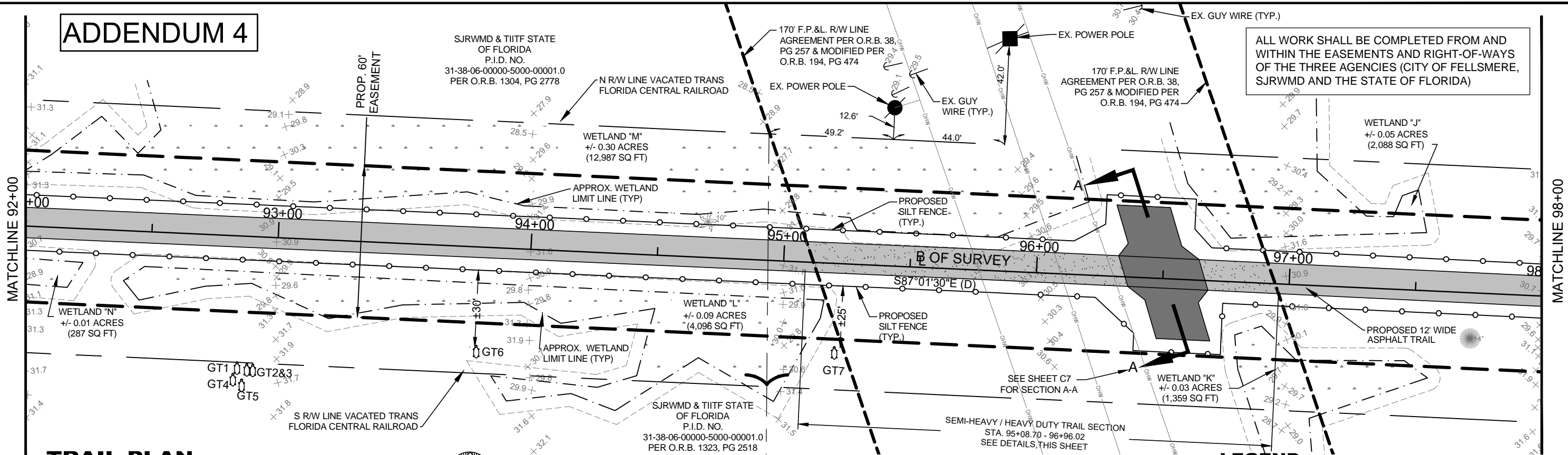
1835 20TH STREET
 VERO BEACH, FL 32960
 PH. (772) 569-0035
 FX. (772) 778-3617
 MELBOURNE, FL - PH (321) 253-1510
 FT. PIERCE, FL - PH (772) 468-9055

HISTORIC TRANS-FLORIDA RAIL
 TRAIL EXTENSION
 INDIAN RIVER COUNTY
 FLORIDA

LISTED SPECIES SPECIAL
 CONSTRUCTION NOTES

SHEET	C9a
DATE:	21-0311

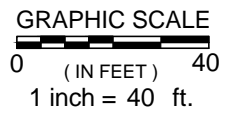
ADDENDUM 4



ALL WORK SHALL BE COMPLETED FROM AND WITHIN THE EASEMENTS AND RIGHT-OF-WAYS OF THE THREE AGENCIES (CITY OF FELLSMERE, SJRWMD AND THE STATE OF FLORIDA)

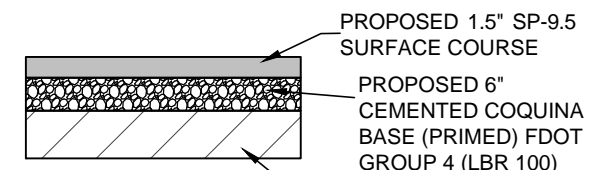
TRAIL PLAN

SCALE: 1" = 40'



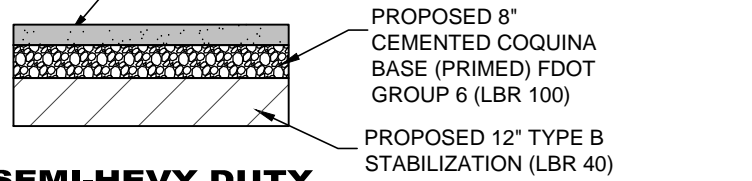
LEGEND

- PROPOSED PAVED TRAIL ASPHALT
- PROPOSED SEMI-HEAVY DUTY ASPHALT
- PROPOSED HEAVY DUTY ASPHALT
- EXISTING WETLAND
- EXISTING WETLAND BOUNDARY
- WETLAND BUFFER
- PROPOSED SILT FENCE
- EXISTING VACATED 100' R/W LINE
- PROPOSED 60' TRAIL EASEMENT
- Gopher Tortoise Location



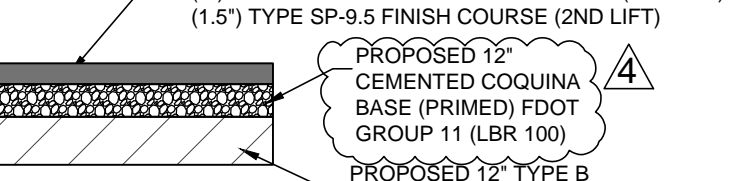
TYPICAL TRAIL STRUCTURAL SECTION

N.T.S.



SEMI-HEVY DUTY TYPICAL TRAIL STRUCTURAL SECTION
STA. 95+08.70 TO STA. 96+34.99
STA. 96+66.72 TO STA. 96+96.02

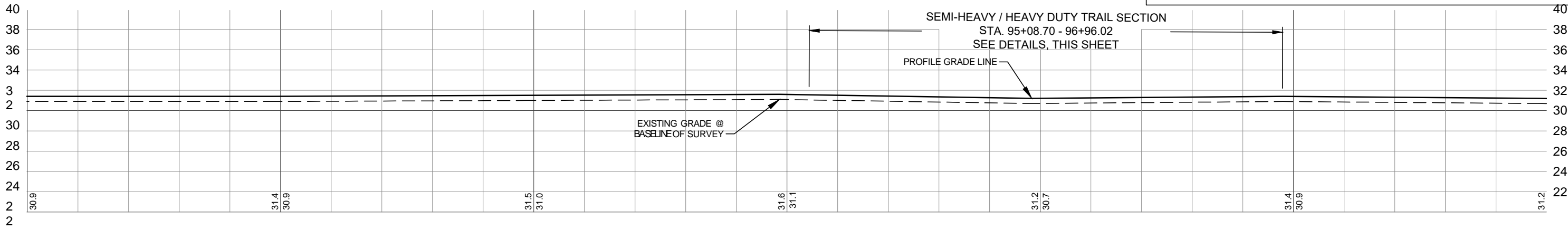
N.T.S.



HEAVY DUTY TYPICAL TRAIL STRUCTURAL SECTION
STA. 96+34.99 TO STA. 96+66.72

N.T.S.

NOTE: CONTRACTOR TO INSTALL SILT FENCE AROUND EXISTING TREES AS NEEDED TO AVOID CONFLICTS. TO AVOID WETLAND IMPACTS, CONTRACTOR TO LOCATE SILT FENCE ON TRAIL- SIDE OF TREE EXCEPT IN THOSE LOCATIONS WHERE SILT FENCE AND CAN BE LOCATED ON THE BACKSIDE OF TREE WITHOUT IMPACT TO THE WETLAND AREA OR TREE.



92+00	HORIZ. SCALE: 1" = 40'	93+00
	VERT. SCALE: 1" = 4'	
REVISIONS	DATE	JOB NO. 21-0311
PER FDOT LISTED SPECIES COMMENTS	05/02/2023	DESIGNED TH
REVISED PER ADDENDUM #3- REV. HD SECT. TO OBG 11	09/20/2023	DRAWN SS
PER FPL COMMENTS		RAI #1 COMMENTS

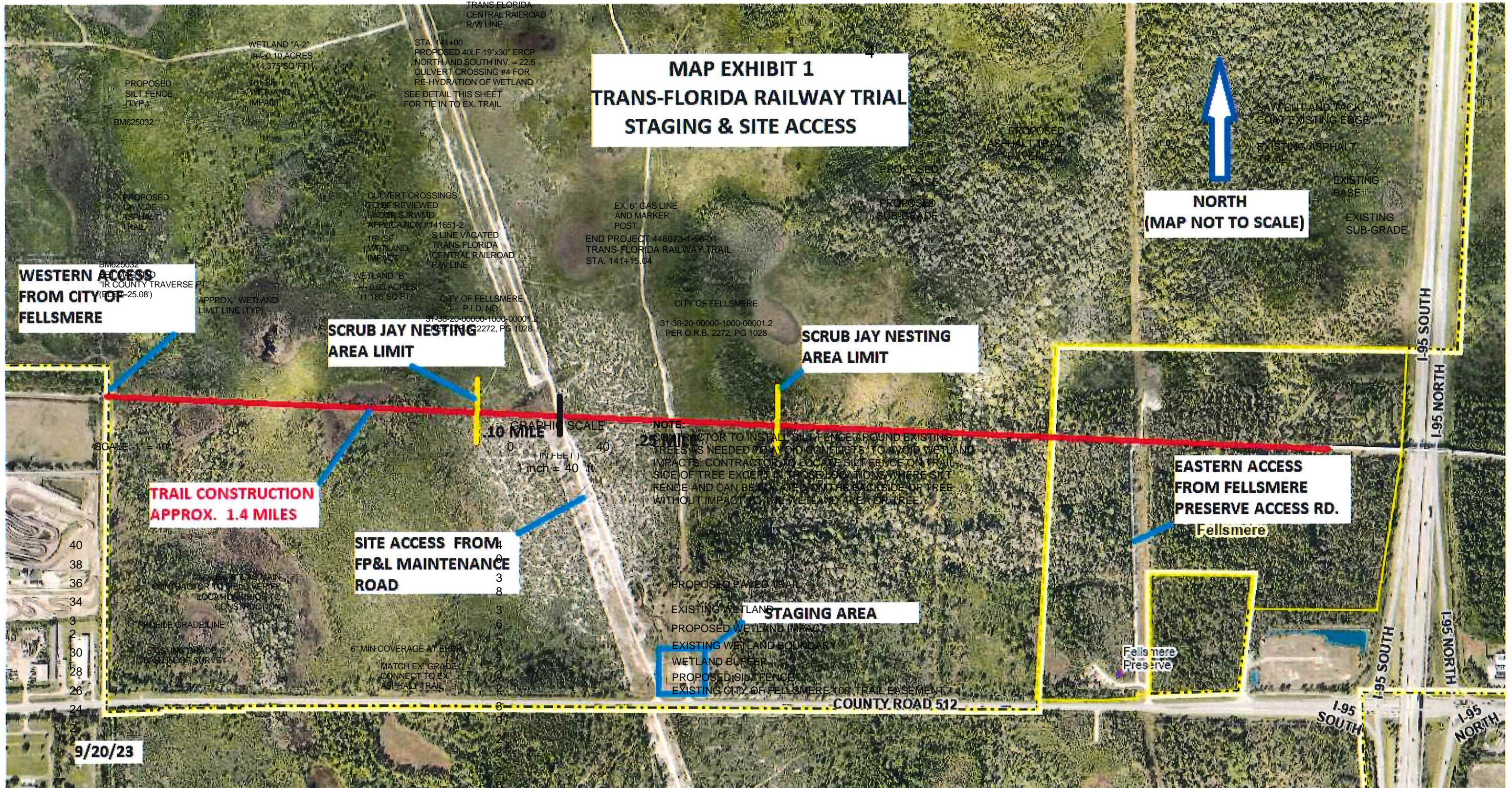
MBV ENGINEERING, INC.
 1844 11TH STREET
 VERO BEACH, FL 32960
 PH. (772) 569-0035
 FX. (772) 778-3617

95+00 96+00
 HISTORIC TRANS-FLORIDA RAIL

97+00 98+00
 PLAN AND PROFILE

CITY OF FELLSMERE
 P.I.D. NO.
 31-38-20-00000-1000-00001.2
 PER O.R.B. 2272, PG 1028

ALL WORK SHALL BE COMPLETED FROM AND
 WITHIN THE EASEMENTS AND RIGHT-OF-WAYS
 OF THE THREE AGENCIES (CITY OF FELLSMERE,
 SJRWMD AND THE STATE OF FLORIDA)



**MAP EXHIBIT 1
 TRANS-FLORIDA RAILWAY TRIAL
 STAGING & SITE ACCESS**

**NORTH
 (MAP NOT TO SCALE)**

**WESTERN ACCESS
 FROM CITY OF
 FELLSMERE**

**SCRUB JAY NESTING
 AREA LIMIT**

**SCRUB JAY NESTING
 AREA LIMIT**

**EASTERN ACCESS
 FROM FELLSMERE
 PRESERVE ACCESS RD.**

**TRAIL CONSTRUCTION
 APPROX. 1.4 MILES**

**SITE ACCESS FROM
 FP&L MAINTENANCE
 ROAD**

STAGING AREA

NOTE:
 CONTRACTOR TO INSTALL SILT FENCE AROUND EXISTING
 TREES AS NEEDED TO AVOID CONFLICTS; TO AVOID WETLAND
 IMPACTS, CONTRACTOR TO LOCATE SILT FENCE ON TRAIL
 SIDE OF TREE EXCEPT IN THOSE LOCATIONS WHERE SILT
 FENCE AND CAN BE LOCATED ON THE BACKSIDE OF TREE
 WITHOUT IMPACT TO THE WETLAND AREA OR TREE

GRAPHIC SCALE
 0 40
 (IN FEET)
 1 inch = 40 ft

9/20/23

2
 4
 2
 2
 2
 2
 0

MAP EXHIBIT 2
TRANS-FLORIDA RAILWAY TRAIL
EQUIPMENT/VEHICLE
DECONTAMINATION SITE

HORZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'

- 4 REVISED PER ADDENDUM #3 - REV. DETAIL
- 3 PER FPL COMMENTS
- 2 PER FDEP RAI #1 COMMENTS
- 1 PER SJRWMD FIELD INSPECTION

DESIGNED
09/21/2022

CHECKED
12/14/2022

DATE ISSUED
08/23/2022

CONSULTING ENGINEERING - CA #3728
FT. PIERCE, FL - PH (872) 468-9065

SHEET
C30
21-0311

DECONTAMINATION
SITE LOCATION

NORTH
(MAP NOT TO SCALE)

REFERENCE ADDRESS
NORTH COUNTY
AQUATICS CENTER
9450 CR-512
SEBASTIAN, FL 32958

TO I-95

9/20/23

COUNTY ROAD 512
HISTORIC TRANS-FLORIDA RAIL
TRAIL EXTENSION

PLAN AND PROFILE

REVISIONS

NO.	DATE	DESCRIPTION
3	9/20/23	PER FOOT LISTED SPECIFICATIONS

21-0311

MOA BOWLES WILLAMZAR & ASSOCIATES
MELBOURNE, FL 32901 (321) 253-1610

INDIAN RIVER COUNTY

FLORIDA

DATE:



