



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

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		

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HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION
 FLORIDA
 INDIAN RIVER COUNTY

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
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INDIAN RIVER COUNTY

HISTORIC TRANS-FLORIDA RAIL
TRAIL EXTENSION

FLORIDA

LISTED SPECIES SPECIAL
CONSTRUCTION NOTES

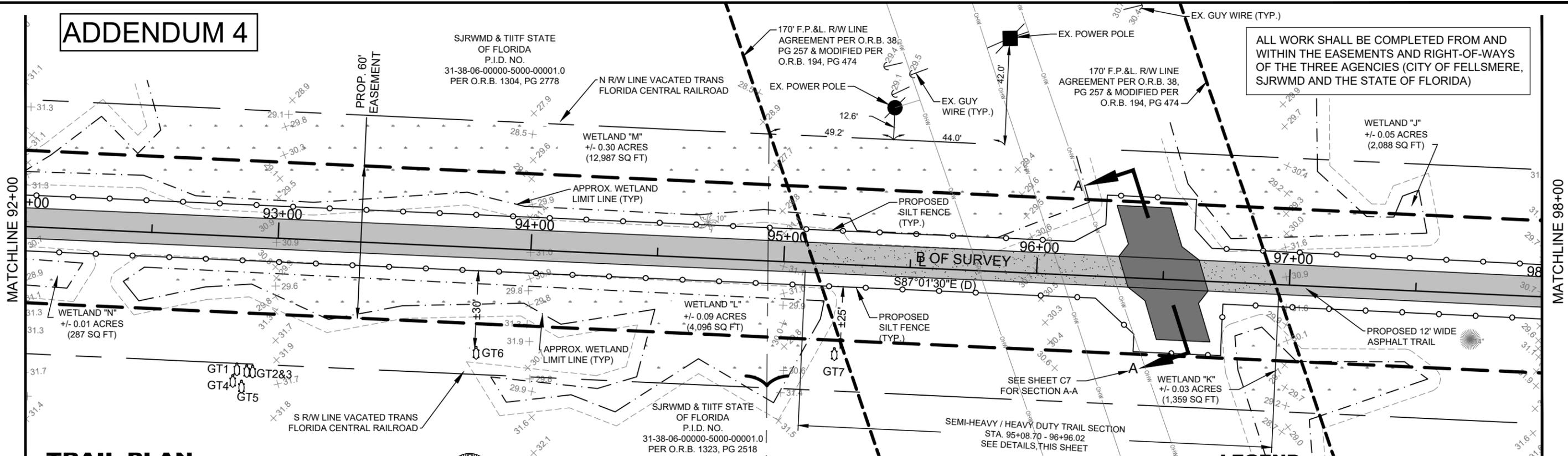
DATE:

SHEET

C9a

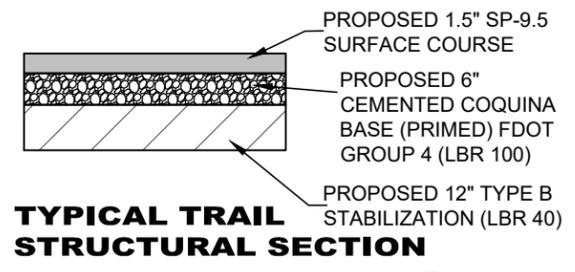
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ADDENDUM 4

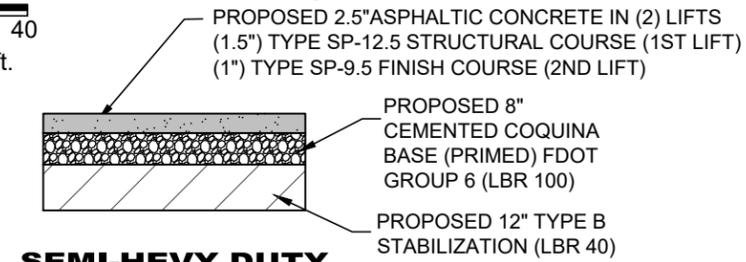


ALL WORK SHALL BE COMPLETED FROM AND WITHIN THE EASEMENTS AND RIGHT-OF-WAYS OF THE THREE AGENCIES (CITY OF FELLSMERE, SJRWMD AND THE STATE OF FLORIDA)

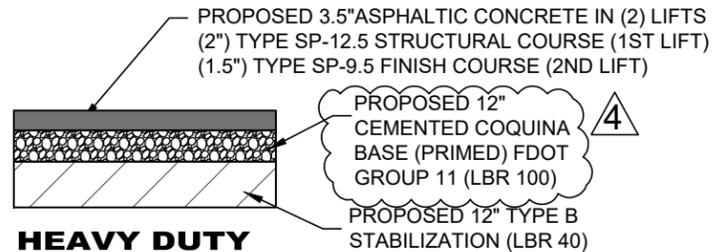
TRAIL PLAN



TYPICAL TRAIL STRUCTURAL SECTION



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

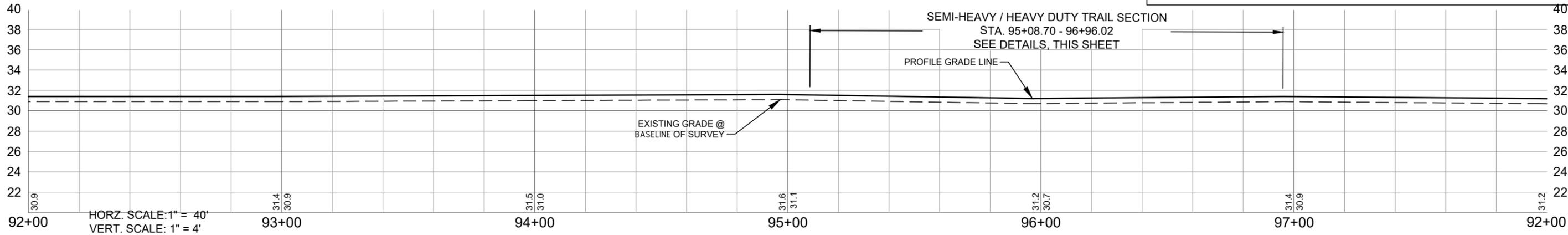


HEAVY DUTY TYPICAL TRAIL STRUCTURAL SECTION
STA. 96+34.99 TO STA. 96+66.72

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

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.



REVISIONS	DATE	JOB NO.
DESIGNED	TH	21-0311
DRAWN	SS	
DATE	DEC. 2021	
CHECKED	AS	
DATE ISSUED	12/20/2022	

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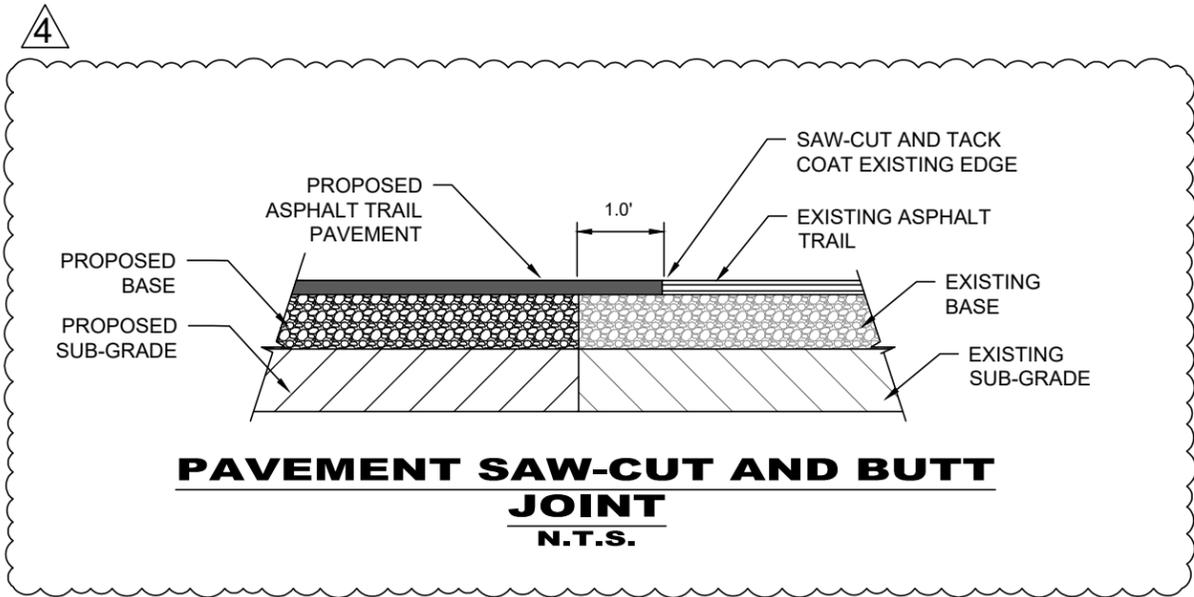
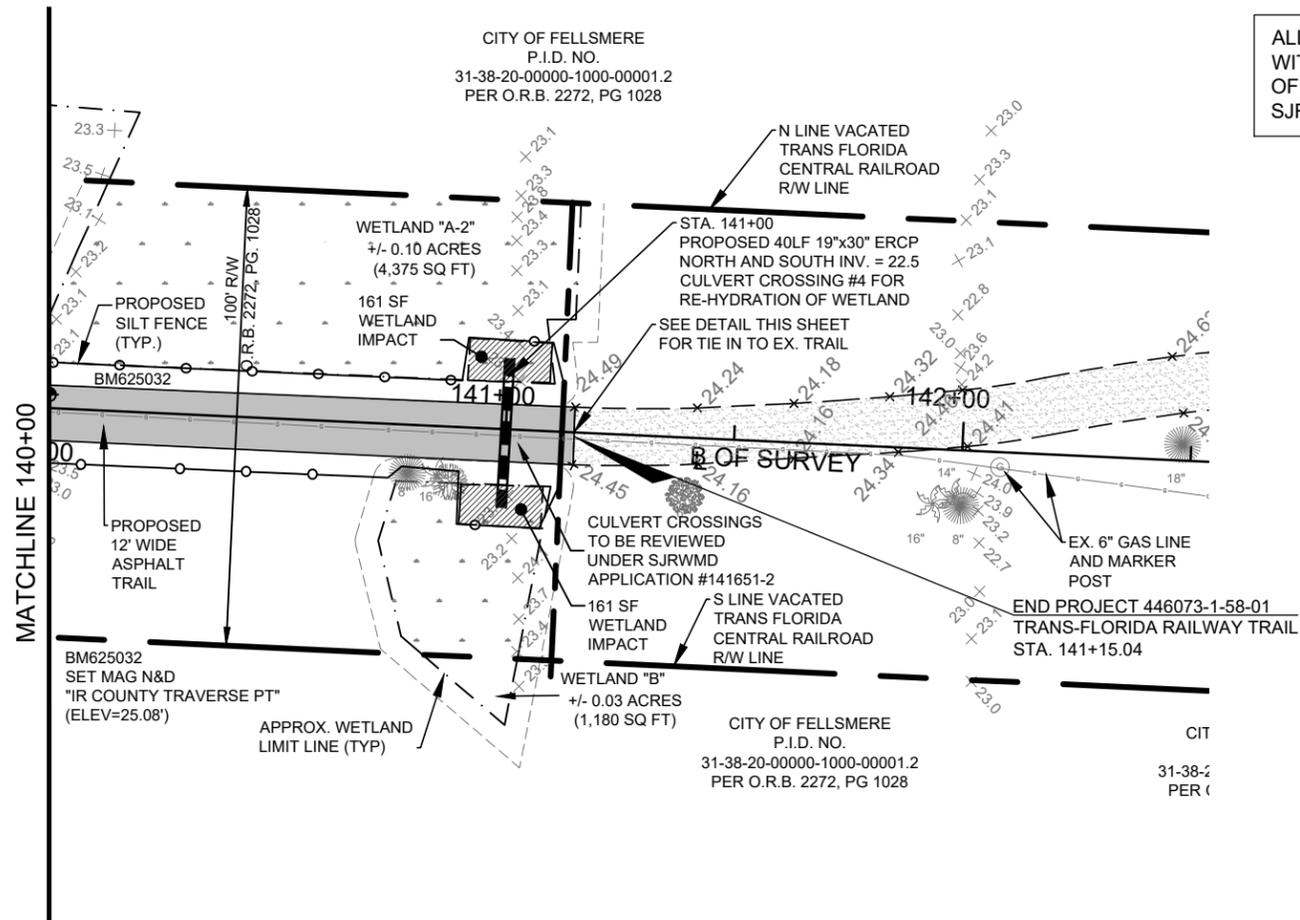
PLAN AND PROFILE

SHEET
C22

DATE: 21-0311

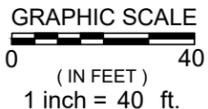
CITY OF FELLSMERE
P.I.D. NO.
31-38-20-00000-1000-00001.2
PER O.R.B. 2272, PG 1028

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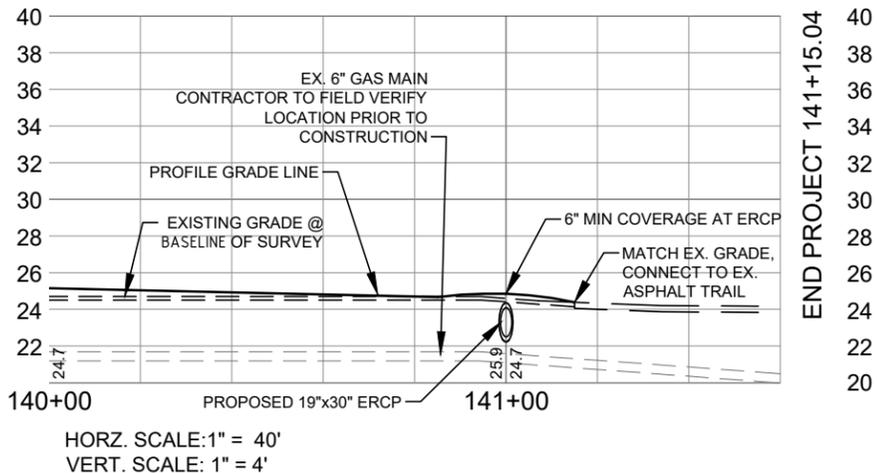


TRAIL PLAN

SCALE: 1" = 40'



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.



LEGEND

- PROPOSED PAVED TRAIL
- EXISTING WETLAND
- PROPOSED WETLAND IMPACT
- EXISTING WETLAND BOUNDARY
- WETLAND BUFFER
- PROPOSED SILT FENCE
- EXISTING CITY OF FELLSMERE 100' TRAIL EASEMENT

ADDENDUM 4

REVISIONS	DATE	JOB NO.
△ REVISED PER ADDENDUM #3 - REV. DETAIL	09/20/2023	21-0311
△ PER FDOT LISTED SPECIES COMMENTS	05/02/2023	
△ PER FPL COMMENTS	12/14/2022	
△ PER FDEP RAI #1 COMMENTS	09/09/2022	
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HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION

INDIAN RIVER COUNTY

FLORIDA

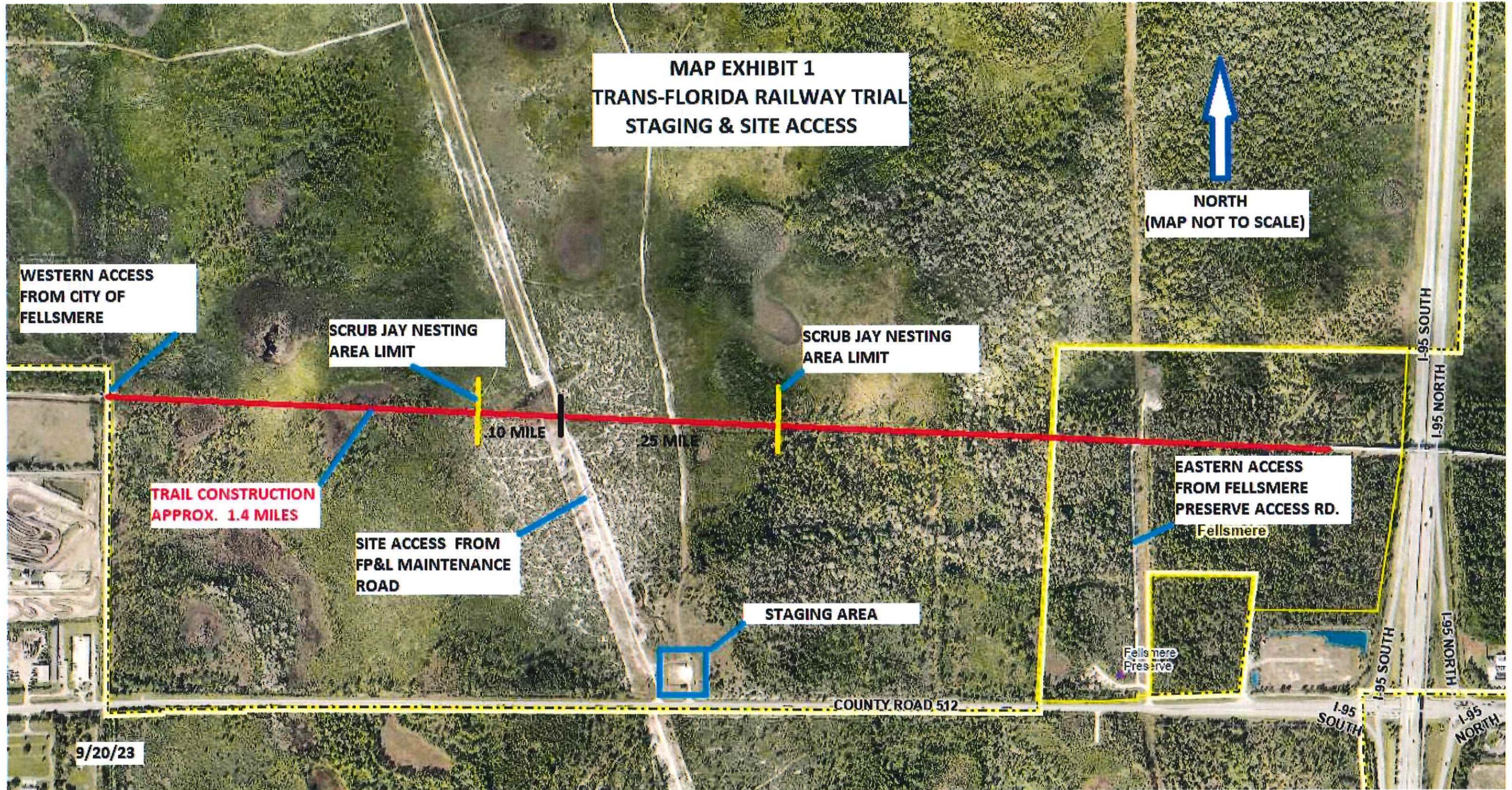
PLAN AND PROFILE

DATE:

SHEET

C30

21-0311



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

**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

DAY

COUNTY ROAD 512

COUNTY ROAD 512

