

Structure No.: 82W2-82W1
Section 19, Township 31S, Range 38E:
Easement No.: C14300370
Parcel ID:
(Maintained by County Appraiser)

**RIGHT-OF-WAY CONSENT AGREEMENT
(Governmental Entity)**

FLORIDA POWER & LIGHT COMPANY, a Florida corporation (“**Company**”), with a mailing address at P.O. Box 14000, Juno Beach, Florida 33408-0420, Attn: Corporate Real Estate Department, hereby consents to Indian River County, a Political Subdivision of the State of Florida, (“**Licensee**”), whose mailing address is 1801 27th Street, Vero Beach, Florida 32960 using that certain area within Company’s right-of-way granted by that certain agreement recorded in Official Record Book 38, at Page 257, Official Record Book 194, at Page 474, Public Records of Indian River County, Florida, as more particularly described on **Exhibit A** attached hereto (“**Lands**”). Licensee’s use of the Lands shall be solely for the purpose of construction of a paved walking trail with a constant 6-inch rise in grade as shown on the plans and specifications submitted by Licensee, and attached to this Right-of-Way Consent Agreement (Governmental Entity) (“**Agreement**”) as **Exhibit B**, and for no other purpose whatsoever.

In consideration for Company’s consent and for the other mutual covenants set forth below, and for Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the parties hereto agree as follows:

1. Licensee agrees to obtain all necessary rights from the owners of the Lands in the event Licensee does not own said Lands; to obtain any and all applicable federal, state, and local permits required in connection with Licensee’s use of the Lands; and at all times, to comply with all requirements of all federal, state, and local laws, ordinances, rules and regulations applicable or pertaining to the use of the Lands by Licensee pursuant to this Agreement.

2. Licensee understands and agrees that the use of the Lands pursuant to this Agreement is subordinate to the rights and interest of Company in and to the Lands and agrees to notify its employees, agents, and contractors accordingly. Company specifically reserves the right to maintain its facilities located on the Lands; to make improvements; add additional facilities; maintain, construct or alter roads; maintain any facilities, devices, or improvements on the Lands which aid in or are necessary to Company’s business or operations; and the right to enter upon the Lands at all times for such purposes. Licensee understands that in the exercise of such rights and interest, Company from time-to-time may require Licensee, to relocate, alter, or remove its facilities and equipment, including parking spaces and areas, and other improvements made by Licensee pursuant to this Agreement which interfere with or prevent Company, in its opinion, from properly and safely constructing, improving, and maintaining its facilities. Licensee agrees to relocate, alter, or remove said facilities, equipment, parking spaces and areas, and other improvements within thirty (30) days of receiving notice from Company to do so. Such relocation, alteration, or removal will be made at the sole cost and expense of Licensee and at no cost and expense to Company; provided however, should Licensee, for any reason, fail to make such relocation, alteration, or removal, Company retains the right to enter upon the Lands and make said relocation, alteration, or removal of Licensee’s facilities, equipment, parking spaces and areas, and other improvements and Licensee hereby agrees to immediately reimburse Company for all of its costs and expense incurred in connection therewith upon demand.

3. Licensee agrees that it will not use the Lands in any manner which, in the opinion of Company, may tend to interfere with Company’s use of the Lands or may tend to cause a hazardous condition to exist. Licensee agrees that no hazardous substance, as the term is defined in Section 101 (14) of the Comprehensive Environmental Response Compensation and Liability Act (“**CERCLA**”) (42 USC Section 9601 [14]),

petroleum products, liquids or flammables shall be placed on, under, transported across or stored on the Lands, which restricts, impairs, interferes with, or hinders the use of the Lands by Company or the exercise by Company of any of its rights thereto. Licensee agrees further that in the event it should create a hazardous condition, then upon notification by Company, Licensee shall, within seventy-two (72) hours, at its sole cost and expense, correct such condition or situation; provided however that the Company retains the right to enter upon the Lands and correct any such condition or situation at any time and, by its execution hereof, Licensee hereby agrees to indemnify and hold harmless Company from all loss, damage or injury resulting from Licensee's failure to comply with the provisions of this Agreement.

4. Licensee hereby agrees and covenants to prohibit its agents, employees, and contractors from using any tools, equipment, or machinery on the Lands capable of extending greater than fourteen (14) feet above existing grade and further agrees that no dynamite or other explosives shall be used within the Lands and that no alteration of the existing terrain, including the use of the Lands by Licensee as provided herein, shall be made which will result in preventing Company access to its facilities located within said Lands. Unless otherwise provided herein, Licensee agrees to maintain a one hundred and fifty (150) foot wide area, clear of any activities, with a lineal measurement of seventy five (75) feet on each side of the centerline of Company's existing and planned facilities.

5. Licensee understands and agrees that the planting of trees, shrubs, and other foliage capable of exceeding fourteen (14) feet in height at full maturity is not permitted within Company's Lands.

6. Outdoor lighting installed or to be installed upon the Lands by Licensee are not to exceed a height of fourteen (14) feet above existing grade and all poles or standards supporting light fixtures are to be of a non-metallic material.

7. Sprinkler systems installed or to be installed by Licensee upon the Lands are to be constructed of a non-metallic material and sprinkler heads are to be set so the spray height does not exceed fourteen (14) feet above existing grade and does not make contact with any Company's facilities. Aboveground systems shall not be installed within or across Company patrol or finger roads and underground systems crossing said patrol and finger roads are to be buried at a minimum depth of one (1) foot below existing road grade.

8. Licensee agrees to warn its employees, agents, contractors and invitees of the fact that the electrical facilities and appurtenances installed or to be installed by Company within the Lands are of high voltage electricity and agrees to use all safety and precautionary measures when working under or near Company's facilities. Licensee hereby acknowledges the receipt and required execution of Form 360, a copy of which is attached hereto as **Exhibit C**, prior to the commencement of any construction within the Lands.

9. Licensee agrees, at all times, to maintain and keep the Lands clean and free of debris. Except as provided herein, Licensee further understands and agrees that certain uses of the Lands are specifically prohibited; such uses include but are not limited to recreational purposes, hunting and camping, and Licensee agrees to notify its employees, agents, contractors, and invitees accordingly.

10. The use of the Lands by Licensee shall be at the sole risk and expense of Licensee, and Company is specifically relieved of any responsibility for damage or loss to Licensee or other persons resulting from Company's use of the Lands for its purposes.

11. Notwithstanding any provision contained herein to the contrary, Licensee agrees to reimburse Company for all cost and expense for any damage to Company's facilities resulting from Licensee's use of the Lands and agrees that if, in the opinion of Company, it becomes necessary as a result of Licensee's use of the Lands for Company to relocate, rearrange or change any of its facilities, to promptly reimburse Company for all cost and expense involved with such relocation, rearrangement or change.

12. Licensee agrees it will exercise its privileges hereunder at its own sole risk and agrees subject to the limitations contained in Section 768.28, Florida Statutes, if applicable, to indemnify and save harmless Company, its parent, subsidiaries, affiliates, and their respective officers, directors, agents and employees (collectively, the “**FPL Entities**”), from all liability, loss, cost, and expense, including attorneys’ and paralegals’ fees and court costs at all trial and appellate levels, which may be sustained by FPL Entities to any person, natural or artificial, by reason of the death of or injury to any person or damage to any property, arising out of or in connection with the herein described purposes by Licensee, its contractors, agents, or employees; and Licensee agrees subject to the limitations contained in Section 768.28, Florida Statutes, if applicable, to defend at its sole cost and expense and at no cost and expense to FPL Entities any and all suits or action instituted against FPL Entities, for the imposition of such liability, loss, cost and expense.

13. Licensee shall, and shall cause each of Licensee’s contractors and subcontractors performing work in connection with the project during the period of this Agreement, to procure and maintain at Licensee’s and such contractors’ and subcontractors’ sole expense, the following minimum insurance, with insurers with a rated “A-, VII” or higher by A.M. Best’s Key Rating Guide (i) General Liability insurance with limits of \$3,000,000 for bodily injury or death of person(s) and property damage per occurrence, which shall insure against obligations assumed by Licensee in indemnity provision set forth in Section 12 above, (ii) Workers’ Compensation Insurance for statutory obligations imposed by applicable laws, (iii) Employers’ Liability Insurance with limits of \$1,000,000 for bodily injury per accident, by disease per policy and disease per employee and, (iv) Automobile Liability Insurance which shall apply to all owned, non-owned, leased and hired automobiles with limits of \$1,000,000 combined single limit. Except for the Workers’ Compensation Insurance, License shall name Company as an additional insured and provide for a waiver or subrogation in favor of Company. Upon execution of this Agreement, License shall provide evidence of the required insurance coverage in the form of an ACORD certificate to Company evidencing that said policy of insurance is in force and will not be cancelled or non-renewed so as to affect the interests of Company until thirty (30) days written notice has been furnished to Company. Upon request, copies of policies will be furnished to Company by Licensee. Licensee understands and agrees that the use of the Lands for the purposes described herein is expressly contingent upon acceptance and compliance with the provisions contained herein.

Licensee shall be responsible for managing and administering all insurance policies required hereunder, including the payment of all deductibles and self-insured retention amounts, the filing of all claims and the taking of all necessary and proper steps to collect any proceeds on behalf of the relevant insured person or entity. Licensee shall at all times keep Company informed of the filing and progress of any claim. If Licensee shall fail to perform these responsibilities, Company may take such action as it determines appropriate under the circumstances. In the event Licensee collects proceeds on behalf of other persons or entities, it shall ensure that these are paid directly from the insurers to the relevant person or entity and, in the event that it receives any such proceeds, it shall, unless otherwise directed by Company, pay such proceed to such party forthwith and prior thereto, hold the same in trust for the recipient.

Nothing in this Section shall be deemed to limit Licensee’s liability under this Agreement regardless of the insurance coverages required hereunder. No limitation of liability provided to Licensee under this Agreement is intended nor shall run to the benefit of any insurance company or in any way prejudice, alter, diminish, abridge or reduce, in any respect, the amount of proceeds of insurance otherwise payable to Company under coverage required to be carried by Licensee under this Agreement, it being the intent of the parties that the full amount of insurance coverage bargained for be actually available notwithstanding any limitation of liability contained in this Agreement, if any. Company assumes no responsibility for the solvency of any insurer or the failure of any insurer to settle any claim. In the event that the Licensee self-insures, Licensee shall provide Company with a letter of self-insurance in form and substance satisfactory to Company’s Risk Management Department. Licensee’s contractors and sub-contractors may not self-insure. This Section shall survive the expiration or earlier termination of this Agreement

14. This Agreement will become effective upon execution by Company and Licensee and will remain in full force and effect until completion of Licensee's use of the Lands pursuant to this Agreement, unless earlier terminated upon ninety (90) days written notice by Company to Licensee, or at the option of Company, immediately upon Licensee failing to comply with or to abide by any or all of the provisions contained herein.

15. The use granted herein as shown on Exhibit B shall be under construction by Licensee within one (1) year of the effective date of this Agreement and the construction shall be diligently pursued to completion. Licensee shall give Company ten (10) days prior written notice of its commencement of construction. "Under construction" means the continuous physical activity of placing the foundation or continuation of construction above the foundation of any structure or improvement permitted hereunder. Under construction does not include application for or obtaining a building permit, a site plan approval or zoning approval from the appropriate local government agency having jurisdiction over the activity, purchasing construction materials, placing such construction materials on the site, clearing or grading the site (if permitted) in anticipation of construction, site surveying, landscaping work or reactivating construction after substantially all construction activity has remained stopped for a period of two (2) months or more. Licensee acknowledges that failure to have the use under construction within the one (1) year time period will result in immediate termination of this Agreement in accordance with Section 14 above for failing to comply with the provisions contained herein unless Licensor grants a written extension for a mutually agreed upon time. Any request for an extension of time shall be submitted in writing by Licensee no later than thirty (30) days prior to the expiration of the one (1) year period for the project to be under construction.

16. The term "Licensee" shall be construed as embracing such number and gender as the character of the party or parties require(s) and the obligations contained herein shall be absolute and primary and shall be complete and binding as to each, including its successors and assigns, upon this Agreement being executed by Licensee and subject to no conditions precedent or otherwise.

17. In the event any term or provision of this Agreement is determined by appropriate judicial authority to be illegal or otherwise invalid, such provision shall be given its nearest legal meaning or be construed as deleted as such authority determines, and the remainder of this Agreement shall be construed to be in full force and effect.

18. In the event of any litigation arising out of enforcement of this Agreement, the prevailing party in such litigation shall be entitled to recovery of all costs, charges and expenses of enforcement, including reasonable attorneys' and paralegals' fees and court costs at all trial and appellate levels.

19. This Agreement constitutes the entire Agreement between the parties relative to the transaction contemplated herein and neither this Agreement nor any term or provision hereof may be changed or waived except by an instrument in writing and executed by both Licensee and Company.

20. This Agreement shall be interpreted and enforced in accordance with the laws of the State of Florida.

21. This Agreement may be executed simultaneously or in counterparts, each of which together shall constitute one and the same agreement.

22. This Agreement shall not be construed more strictly against one party than against the other, merely by virtue of the fact that it may have been prepared by counsel for one of the parties, it being recognized that both Licensee and Company have contributed substantially and materially in the negotiation and preparation of this Agreement, and that the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement or any exhibits, schedules, addendums or amendments hereto.

23. Licensee may assign its rights and obligations under this Agreement to a solvent party upon prior written consent of Company.

24. Licensee agrees that any review or approval by Company of the plans and/or specifications submitted by Licensee attached hereto as **Exhibit B**, the approval of the identity of any contractors, subcontractors and materialmen, or the delivery by Company of any construction specifications to Licensee, is solely for the purpose of processing this Agreement, and without any representation or warranty whatsoever to Licensee with respect to the adequacy, correctness or efficiency thereof or otherwise and it is understood that such Company's approval does not absolve Licensee of any liability hereunder. Further, Licensee, in connection with the construction, maintenance and/or removal of improvements depicted on **Exhibit B** to this Agreement, agrees to observe and fully comply with all construction, operation and maintenance standards, as well as all applicable laws, rules and regulations of the United States, the State of Florida, and all agencies and political subdivisions thereof, including without limitation, the National Electrical Safety Code and the Occupational Safety & Health Administration regulations, standards, rules, registers, directives or interpretations.

25. This Agreement includes and is subject to the provisions described on the attached Addendum.

The parties have executed this Agreement this _____ day of _____, 20__.

Witnesses:

COMPANY:

FLORIDA POWER & LIGHT COMPANY,
a Florida corporation

Signature:
Print Name: _____

By: _____
Its: _____
Print Name: _____

Signature:
Print Name: _____

IN WITNESS WHEREOF, the Board has executed this Agreement at as of the date approved below.

BOARD OF COUNTY COMMISSIONERS
INDIAN RIVER COUNTY, FLORIDA

BY: _____
Joseph H. Earman, Chairman

BCC Approved: _____

Attest: Jeffrey R. Smith, Clerk of Court and
Comptroller

By: _____
Deputy Clerk

Approved as to form and legal sufficiency



William K. DeBraal
Deputy County Attorney

Approved:

By _____
Michael C. Zito
Interim County Administrator

LEGAL DESCRIPTION

A CENTERLINE DESCRIPTION FOR THE PURPOSE OF OBTAINING AN EASEMENT LYING WITHIN THE ABANDONED TRANS FLORIDA RAILROAD RIGHT OF WAY AS DESCRIBED AND GRAPHICALLY SHOWN IN OFFICIAL RECORDS BOOK 208, PAGE 547 OF THE PUBLIC RECORDS OF INDIAN RIVER COUNTY, FLORIDA; BEING A STRIP OF LAND 60.00 FEET IN WIDTH LYING IN SECTION 19, TOWNSHIP 31 SOUTH, RANGE 38 EAST, INDIAN RIVER COUNTY, FLORIDA; SAID STRIP LYING 30.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCE AT THE INTERSECTION OF THE CENTERLINE OF COUNTY ROAD 512, AS SHOWN ON THE STATE OF FLORIDA, STATE ROAD DEPARTMENT RIGHT OF WAY MAP FOR STATE ROAD 512 (NOW COUNTY ROAD 512), AS RECORDED IN PLAT BOOK 10, PAGE 39, OF THE PUBLIC RECORDS OF INDIAN RIVER COUNTY, FLORIDA AND THE EAST LINE OF THE PLAT OF "FELLSMERE FARMS COMPANY'S SUBDIVISION OF ALL UNSURVEYED PART OF TOWNSHIP 31 SOUTH, RANGE 37 EAST IN ST. LUCIE COUNTY, STATE OF FLORIDA" AS RECORDED IN PLAT BOOK 2, PAGE 84 OF THE THE PUBLIC RECORDS OF St. LUCIE COUNTY, FLORIDA (SAID LANDS NOW LYING AND BEING IN INDIAN RIVER COUNTY, FLORIDA); THENCE RUN N00°29'32"E, ALONG THE SAID EAST LINE, A DISTANCE OF 1,902.05 FEET TO A POINT ON THE CENTERLINE OF THE AFORESAID ABANDONED TRANS FLORIDA RAILROAD RIGHT OF WAY FOR A POINT OF BEGINNING; THENCE DEPARTING SAID EAST LINE, RUN S87°21'23"E, ALONG SAID CENTERLINE, A DISTANCE OF 5,877.47 FEET TO A POINT ON THE WEST PROPERTY LINE OF THE THE CITY OF FELLSMERE PARCEL DESCRIBED IN OFFICIAL RECORDS BOOK 2272, PAGE 1028, OF THE PUBLIC RECORDS OF INDIAN RIVER COUNTY, FLORIDA; FOR THE POINT OF TERMINATION OF THE CENTERLINE OF SAID 60.00 FOOT WIDE STRIP.

SAID STRIP BEING BOUNDED ON THE WEST BY THE EAST LINE OF THE AFORESAID FELLSMERE FARMS COMPANY'S SUBDIVISION AND BOUNDED ON THE EAST BY THE AFORESAID CITY OF FELLSMERE PARCEL.

CONTAINING: 8.10 ACRES (352,648 SQUARE FEET) MORE OR LESS.

NOTES

1. THIS SKETCH OF DESCRIPTION IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THE FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER NAMED HEREON.
2. THIS SKETCH AND DESCRIPTION MEETS OR EXCEEDS ALL APPLICABLE REQUIREMENTS OF THE STANDARDS OF PRACTICE AS ESTABLISHED IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE.
3. THIS SKETCH AND DESCRIPTION AND THE ADJOINING PARCELS MAY BE SUBJECT TO EASEMENTS, RESTRICTIONS, AND/OR RESERVATIONS NOT SHOWN, BUT MAY BE FOUND IN THE PUBLIC RECORDS OF INDIAN RIVER COUNTY FLORIDA.
4. THIS SKETCH AND DESCRIPTION DOES NOT REPRESENT A FIELD SURVEY. EXISTING PROPERTY CONDITIONS OR FEATURES ARE NOT SHOWN HEREON.
5. THE BEARINGS SHOWN HEREON ARE BASED UPON THE 1983 NORTH AMERICAN DATUM, 2011 ADJUSTMENT AND PROJECTED IN THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE; DERIVING A GRID BEARING OF S87°21'23"E, ALONG THE CENTERLINE OF THE ABANDONED TRANS FLORIDA RAILROAD RIGHT OF WAY AS SHOWN HEREON.

LEGEND & ABBREVIATIONS

C.R. = COUNTY ROAD
 C/L = CENTER LINE
 E = EAST
 ESMT = EASEMENT
 F.P.&L. = FLORIDA POWER AND LIGHT
 N = NORTH
 No = NUMBER
 O.R.B. = OFFICIAL RECORDS BOOK

P.B. = PLAT BOOK
 P.B.S. = ST. LUCIE COUNTY PLAT BOOK
 PG = PAGE
 P.I.D. = PARCEL IDENTIFICATION PER PROPERTY APPRAISER
 P.O.B. = POINT OF BEGINNING
 P.O.C. = POINT OF COMMENCEMENT
 P.O.T. = POINT OF TERMINATION
 P.S.M. = PROFESSIONAL SURVEYOR AND MAPPER

S.J.R.W.M.D. = ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
 T.I.I.T.F. = BOARD OF THE TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND FOR THE STATE OF FLORIDA

W = WEST

+/- = APPROXIMATE

↔ = INDICATES JOINT OWNERSHIP

CERTIFICATION

SURVEYOR AND MAPPER IN RESPONSIBLE CHARGE

SKETCH TO ACCOMPANY LEGAL DESCRIPTION
 PREPARED FOR INDIAN RIVER COUNTY ENGINEERING DEPARTMENT

DAVID M. SILON P.S.M. _____ DATE _____
 FLORIDA REGISTRATION No. 6139
 INDIAN RIVER ASSISTANT COUNTY SURVEYOR

THIS IS NOT A BOUNDARY SURVEY
NOT COMPLETE WITHOUT SHEETS 1-3 AS CREATED

INDIAN RIVER COUNTY ADMINISTRATION BUILDING
 1801 27th STREET
 VERO BEACH, FL 32960
 (772) 567-8000



INDIAN RIVER COUNTY
Department of Public Works
Engineering Division

DRAWN BY:
D.SILON
 APPROVED BY:
D.SCHRYVER

SECTION **19**
 TOWNSHIP **31S.**
 RANGE **38E.**

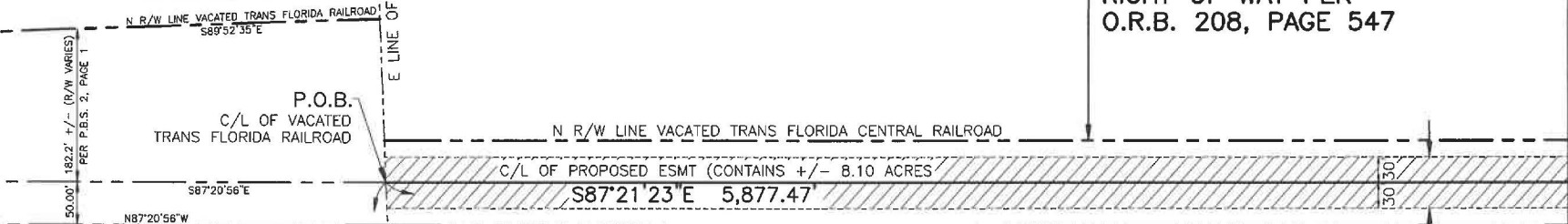
SKETCH AND DESCRIPTION
 for PROPOSED EASEMENT

SHEET
1
 OF **3**

FELLSMERE FARMS COMPANY SUBDIVISION,
UNSURVEYED PART OF
TOWNSHIP 31 SOUTH, RANGE 37 EAST
IN ST. LUCIE COUNTY, FLORIDA
PER P.B.S. 2, PG 84
TRACT 1446
FELLSMERE JOINT VENTURE
P.I.D. No
31-37-00-00001-0233-00001.0
PER O.R.B. 2205, PG 1312

S.J.R.W.M.D. & T.I.I.T.F.
P.I.D. No
31-38-06-00000-5000-00001.0
PER O.R.B. 1304, PG 2778

ABANDONED 100' WIDE TRANS
FLORIDA RAILROAD
RIGHT OF WAY PER
O.R.B. 208, PAGE 547

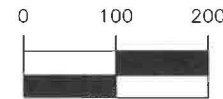


FELLSMERE JOINT VENTURE
P.I.D. No
31-37-00-00001-1447-00001.0
PER O.R.B. 1660, PG 1530

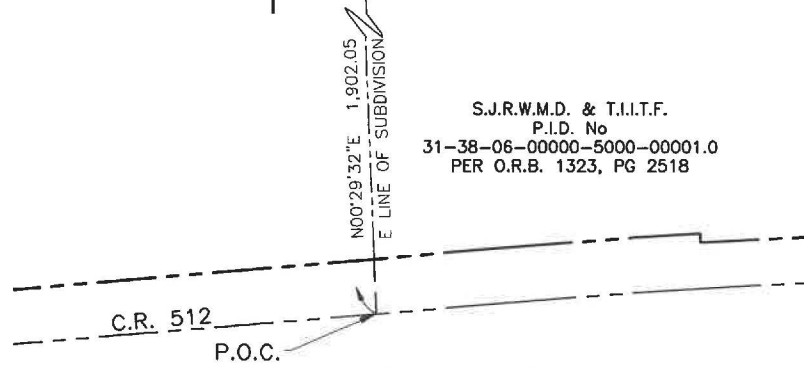
S.J.R.W.M.D. & T.I.I.T.F.
P.I.D. No
31-38-06-00000-5000-00001.0
PER O.R.B. 1323, PG 2518

TRACT 1447
FELLSMERE FARMS COMPANY SUBDIVISION,
UNSURVEYED PART OF
TOWNSHIP 31 SOUTH, RANGE 37 EAST
IN ST. LUCIE COUNTY, FLORIDA
PER P.B.S. 2, PG 84

FELLSMERE FARMS
WATER CONTROL DISTRICT
EAST BOUNDARY CANAL



GRAPHIC SCALE
(IN FEET)



P.O.C.
INTERSECTION OF THE C/L OF C.R. 512 PER THE STATE OF
FLORIDA STATE ROAD DEPARTMENT R/W MAP, PER P.B. 10, PG 39
& THE E LINE OF THE "FELLSMERE FARMS COMPANY'S SUBDIVISION
OF ALL UNSURVEYED PART OF TOWNSHIP 31 S, RANGE 37 E IN
ST. LUCIE COUNTY, FLORIDA" PER ST. LUCIE COUNTY PLAT BOOK 2,
PG 84 (NOW LYING IN INDIAN RIVER COUNTY, FLORIDA)

THIS IS NOT A BOUNDARY SURVEY
NOT COMPLETE WITHOUT SHEETS 1-3 AS CREATED

INDIAN RIVER COUNTY ADMINISTRATION BUILDING
1801 27th STREET
VERO BEACH, FL 32960
(772) 567-8000



INDIAN RIVER COUNTY
Department of Public Works
Engineering Division

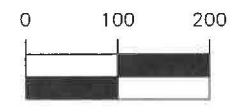
DRAWN BY:
D.SILON
APPROVED BY:
D.SCHRYVER

SECTION 19
TOWNSHIP 31S.
RANGE 38E.

SKETCH AND DESCRIPTION
for PROPOSED EASEMENT

SHEET 2 OF 3

MATCHLINE 'A'



GRAPHIC SCALE
(IN FEET)



MATCHLINE 'A'

MATCHLINE 'B'

ABANDONED 100' WIDE TRANS
FLORIDA RAILROAD
RIGHT OF WAY PER
O.R.B. 208, PAGE 547

S.J.R.W.M.D. & T.I.I.T.F.
P.I.D. No
31-38-06-00000-5000-00001.0
PER O.R.B. 1304, PG 2778

N R/W LINE VACATED TRANS FLORIDA CENTRAL RAILROAD

C/L OF PROPOSED ESMT (CONTAINS +/- 8.10 ACRES)

S87°21'23"E 5,877.47'

S R/W LINE VACATED TRANS FLORIDA CENTRAL RAILROAD

S.J.R.W.M.D. & T.I.I.T.F.
P.I.D. No
31-38-06-00000-5000-00001.0
PER O.R.B. 1323, PG 2518

PROPOSED
60' ESMT

170' F.P.&L. R/W
AGREEMENT PER
O.R.B. 38, PG 257 &
MODIFIED PER
O.R.B. 194, PG 474

MATCHLINE 'B'

ABANDONED 100' WIDE TRANS
FLORIDA RAILROAD
RIGHT OF WAY PER
O.R.B. 208, PAGE 547

S.J.R.W.M.D. & T.I.I.T.F.
P.I.D. No
31-38-06-00000-5000-00001.0
PER O.R.B. 1304, PG 2778

N R/W LINE VACATED TRANS FLORIDA CENTRAL RAILROAD

C/L OF PROPOSED ESMT (CONTAINS +/- 8.10 ACRES)

S87°21'23"E 5,877.47'

S R/W LINE VACATED TRANS FLORIDA CENTRAL RAILROAD

PROPOSED
60' ESMT

S.J.R.W.M.D. & T.I.I.T.F.
P.I.D. No
31-38-06-00000-5000-00001.0
PER O.R.B. 1323, PG 2518

P.O.T.
BEGIN EXISTING
WALKING PATH

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

W PROPERTY LINE NO 2241 08' E
100.00'

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

THIS IS NOT A BOUNDARY SURVEY
NOT COMPLETE WITHOUT SHEETS 1-3 AS CREATED

INDIAN RIVER COUNTY ADMINISTRATION BUILDING
1801 27th STREET
VERO BEACH, FL 32960
(772) 567-8000



INDIAN RIVER COUNTY
Department of Public Works
Engineering Division

DRAWN BY:
D.SILON
APPROVED BY:
D.SCHRYVER

SECTION 19
TOWNSHIP 31S.
RANGE 38E.

SKETCH AND DESCRIPTION
for PROPOSED EASEMENT

SHEET
3
OF 3

INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS

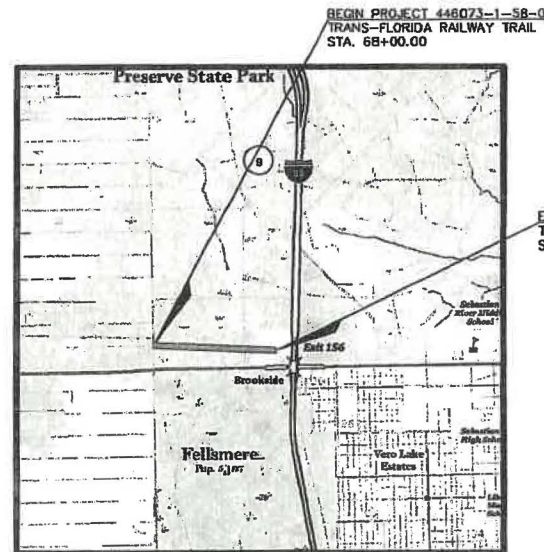
CONTRACT PLANS

RAILS TO TRAILS 1.4 MILE EXTENSION OF
THE HISTORIC TRANS-FLORIDA RAIL TRAIL

FDOT FM# 446073-1-58-01

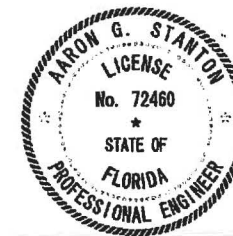
INDEX OF ROADWAY PLANS

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I.R.C. PROJECT MANAGERS:
METROPOLITAN PLANNING ORGANIZATION:
INFRASTRUCTURE PROJECT MANAGER:
JIM MANN - 772-226-1891
1801 27th STREET
VERO BEACH, FL 32960-3388
Civil Engineer

AARON STANTON, P.E.
P.E. NO.: 72460
MBV ENGINEERING, INC.
1835 20TH STREET
VERO BEACH, FLORIDA 32960
CONTRACT NO.: N/A
VENDOR NO.:
CERTIFICATE OF AUTHORIZATION NO.: 3728



COUNTY COMMISSIONERS:
SUSAN ADAMS, COMMISSIONER, DISTRICT 1
JOSEPH E. FLESCHER, COMMISSIONER, DISTRICT 2
JOE EARMAN, VICE-CHAIRMAN, DISTRICT 3
PETER D. O'BRYAN, CHAIRMAN, DISTRICT 4
LAURA MOSS, COMMISSIONER, DISTRICT 5

ELEVATIONS SHOWN HEREIN REFER TO THE NORTH AMERICAN VERTICAL DATUM 1988.
EXISTING CONTOURS SHOWN AT 1.0 FOOT INTERVAL
PROPOSED CONTOURS SHOWN AT 0.5 FOOT INTERVAL


Florida Department of Transportation, FY2021-22 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website:
<http://www.fdot.gov/roadway/DesignStandards/Standards.shtm>
APPLICABLE DSRs:

Florida Department of Transportation, JAN, 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
-	22	C1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61B15-33.001, F.A.C.

1. REVISIONS TO SHEETS C24 AND C25 TO REMOVE PREVIOUSLY DEPICTED WETLAND IMPACTS AND SHIFT TRAIL NORTH IN THIS AREA.
2. REVISIONS TO SHEETS C9 TO ADD FDEP TEMPORARY FILL DIRECTIVE TO THE CONTRACTOR IF APPLICABLE.
3. REVISION TO SHEET C7 TO ADD SECTION A-A DETAIL PER FPL COMMENTS, REVISIONS TO SHEET C22 TO ADD SEMI-HEAVY DUTY AND HEAVY DUTY PAVEMENT AREAS AND DETAILS WITHIN THE FPL EASEMENT AREA PER FPL COMMENTS.

<table border="1" style="width: 100%;"> <tr> <th>REVISIONS</th> <th>DATE</th> <th>JOB NO.</th> <th>21-0311</th> </tr> <tr> <td>---</td> <td>---</td> <td>DESIGNED</td> <td>TH</td> </tr> <tr> <td>---</td> <td>---</td> <td>DRAWN</td> <td>SS</td> </tr> <tr> <td>---</td> <td>---</td> <td>DATE</td> <td>DEC. 2021</td> </tr> <tr> <td>PER FPL COMMENTS</td> <td>12/14/2022</td> <td>CHECKED</td> <td>AMB</td> </tr> <tr> <td>PER FDEP FOR FPL COMMENTS</td> <td>09/09/2022</td> <td>DATE ISSUED</td> <td>12/09/2022</td> </tr> <tr> <td>PER FPMWD FIELD INSPECTION</td> <td>08/11/2022</td> <td></td> <td></td> </tr> </table>	REVISIONS	DATE	JOB NO.	21-0311	---	---	DESIGNED	TH	---	---	DRAWN	SS	---	---	DATE	DEC. 2021	PER FPL COMMENTS	12/14/2022	CHECKED	AMB	PER FDEP FOR FPL COMMENTS	09/09/2022	DATE ISSUED	12/09/2022	PER FPMWD FIELD INSPECTION	08/11/2022			 <p>FMBV ENGINEERING, INC.</p>	<p>1935 20TH STREET VERO BEACH, FL 32909 PH. (772) 569-0035 FX. (772) 778-3817</p> <p>NOVA BOYLES WILLAMZAR & ASSOCIATES CONSULTING ENGINEERS CA #1725 MELBOURNE, FL - PH (821) 253-1510 FT. PIERCE, FL - PH (772) 468-9055</p>	<p>HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION</p> <p>INDIAN RIVER COUNTY</p> <p>FLORIDA</p>	<p>REVISIONS TABLE</p>	<p>SHEET C2</p>
REVISIONS	DATE	JOB NO.	21-0311																														
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MBV ENGINEERING, INC.
 1835 20TH STREET
 VERO BEACH, FL 32960
 CERTIFICATE OF AUTHORIZATION 3728

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

- SHEETS C1 - C30 (CIVIL PORTION)



INDIAN RIVER COUNTY
 PUBLIC WORKS DEPARTMENT
 SURVEY SECTION
 1801 27th STREET
 VERO BEACH, FL 32960
 FLORIDA CERTIFICATE No. 6139

THE ABOVE NAMED PROFESSIONAL SURVEYOR AND MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS: Existing Conditions Survey and Easement Documents.

REVISIONS	DATE	JOB NO.
---	---	21-0311
---	---	DESIGNED TH
---	---	DRAWN SS
---	---	DATE DEC. 2021
▲ PER PPL COMMENTS	12/14/2022	CHECKED AS
▲ PER DEEP TIE-IN COMMENTS	08/09/2022	DATE ISSUED
▲ PER SRRMWD FIELD INSPECTION	10/23/2022	12/20/2022

MBV
ENGINEERING, INC.
 NORA ROWLESS WILLIAMS & ASSOCIATES
 CONSULTING ENGINEERING CA 93728

1835 20TH STREET
 VERO BEACH, FL 32960
 PH. (772) 568-0035
 FX. (772) 778-3817
 MELBOURNE, FL - PH (801) 253-1510
 FT. PIERCE, FL - PH (772) 468-6056

HISTORIC TRANS-FLORIDA RAIL
 TRAIL EXTENSION
 INDIAN RIVER COUNTY FLORIDA

SIGNATURE SHEET
 DATE

SHEET
C3
 21-0311

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 EQUAL 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-10)	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	43
334-1-12	SUPERPAVE ASPHALT CONCRETE TRAFFIC B (TYPE SP-9.5, 1.5")	TN	790
334-1-13	SUPERPAVE ASPHALT CONCRETE TRAFFIC C (TYPE SP-9.5) (FPL EASEMENT AREA)	TN	23.4
334-1-13	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

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

REVISIONS	DATE	JOB NO.
DESIGNED	21-02-11	TH
DRAWN	SS	
CHECKED	DEC. 2021	AS
PER FPL COMMENTS	12/14/2022	AS
PER FDEP FOR B1 COMMENTS	09/09/2022	AS
PER SURVINO FIELD INSPECTION	08/23/2022	DATE ISSUED 12/20/2022



1835 20TH STREET
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**HISTORIC TRANS-FLORIDA RAIL
 TRAIL EXTENSION**

INDIAN RIVER COUNTY FLORIDA

**SUMMARY OF QUANTITIES,
 PAY ITEMS AND DRAINAGE PIPES**

SHEET
C4
 DATE: 21-02-11

SOUTH R/W LINE

NORTH R/W LINE

100'
FORMER TRANS FLORIDA CENTRAL
RAILROAD R/W

BASELINE OF SURVEY

VARIES
MIN. 42.9', MAX. 60.42'

VARIES
MIN. 27.5', MAX. 44.5'

22'
LIMITS OF CLEARING

PROP. 12'
TRAIL

SILT FENCE

SILT FENCE

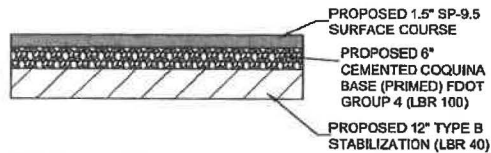
MATCH EXISTING

MATCH EXISTING

SLOPE VARIES-
NOT TO EXCEED 4:1
SOD ALL DISTURBED AREAS
WITH NON-EVASIVE SOD
(TYP)

TYPICAL TRAIL SECTION

N.T.S.



TYPICAL TRAIL STRUCTURAL SECTION

N.T.S.

REVISIONS	DATE	JOB NO.
DESIGNED		21-4311
DRAWN		
CHECKED		
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PER PERP RAI #1 COMMENTS	09/29/2022	
PER SURVING FIELD INSPECTION	06/23/2022	

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HISTORIC TRANS-FLORIDA RAIL
TRAIL EXTENSION

TYPICAL SECTION

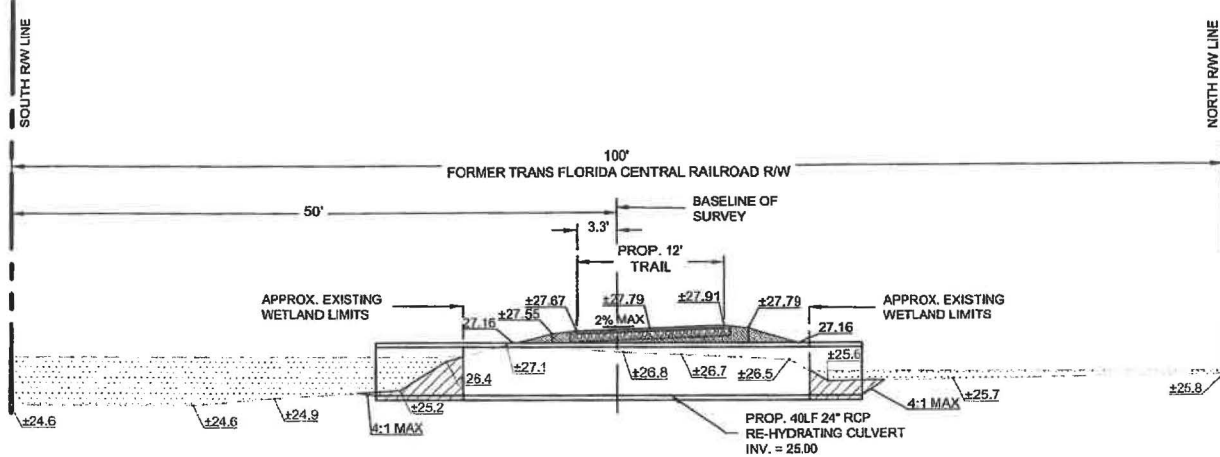
SHEET

C5

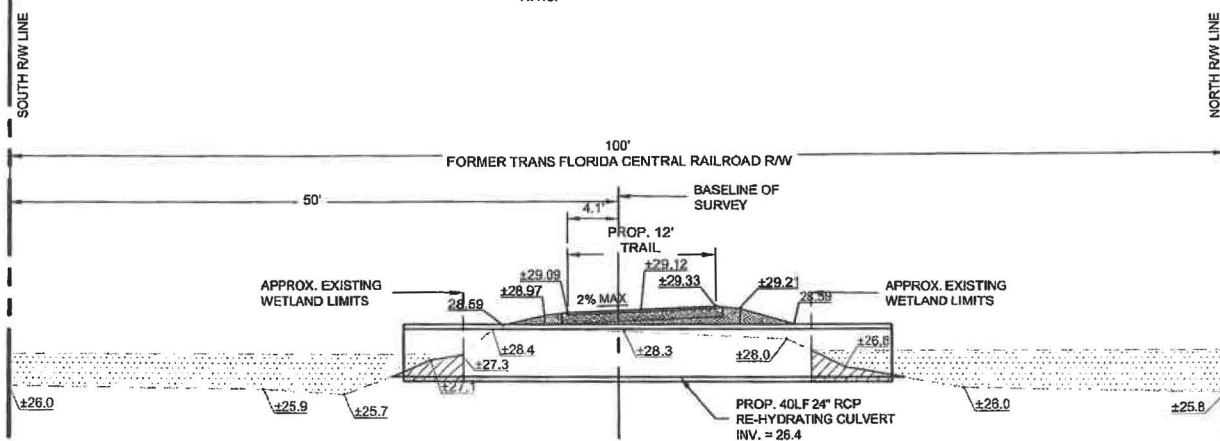
INDIAN RIVER COUNTY

FLORIDA

DATE 21-011



CULVERT CROSSING #1
STATION 73+71.68
 N.T.S.



CULVERT CROSSING #2
STATION 83+09.52
 N.T.S.

REVISIONS	DATE	JOB NO.
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PER FPL COMMENTS	12/14/2022	
PER EDEP RAI #1 COMMENTS	08/09/2022	
PER BAYMMD FIELD INSPECTION	08/23/2022	

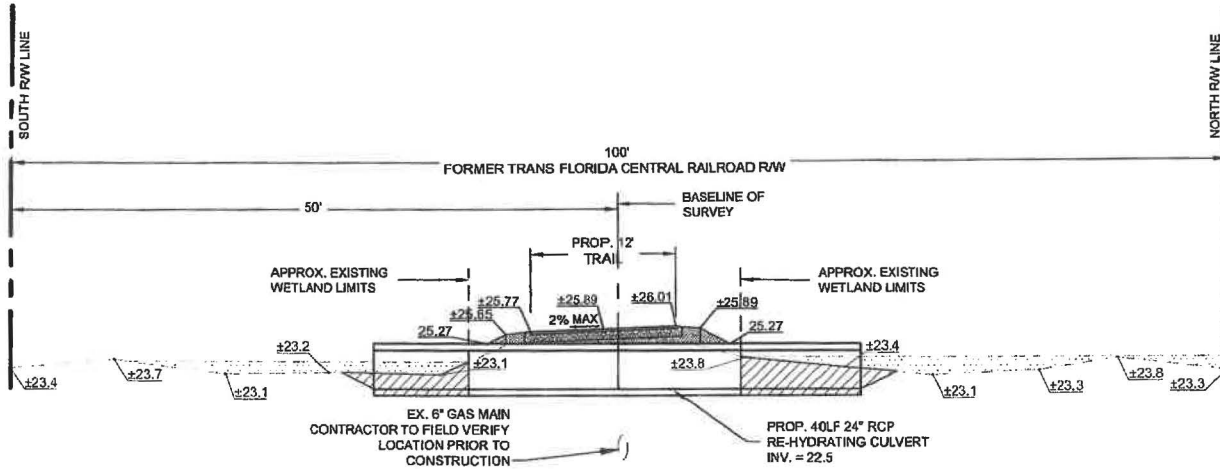
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HISTORIC TRANS-FLORIDA RAIL
 TRAIL EXTENSION




INDIAN RIVER COUNTY FLORIDA

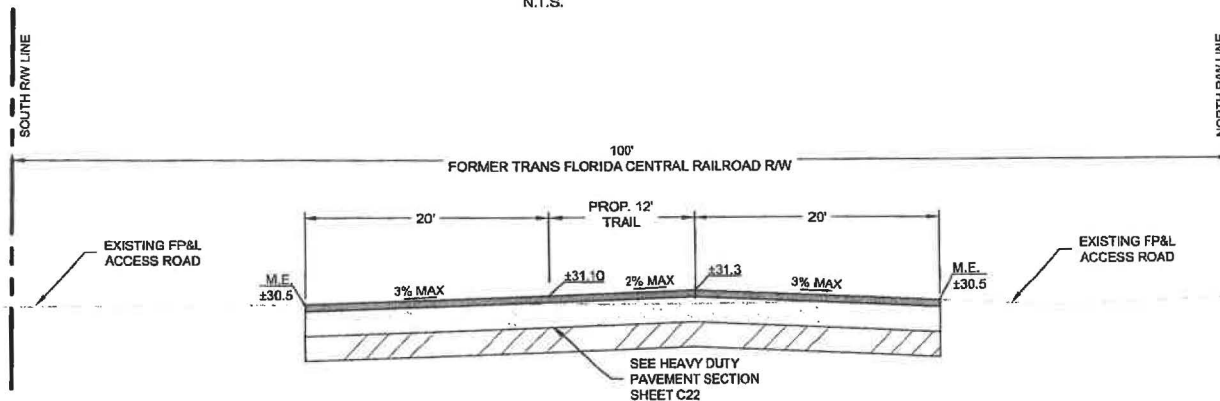
WETLAND RE-HYDRATION CULVERT
 SECTIONS



CULVERT CROSSING #3
STATION 141+00
 N.T.S.

LEGEND

-  EXISTING WETLANDS
-  PROPOSED FILL
-  PROPOSED EXCAVATION



SECTION A-A
STATION 96+34.99 TO 96+66.72
 N.T.S.

REVISIONS	DATE	JOB NO.	21-0311
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DATE ISSUED	12/20/2022		

EMBV
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 NINA BOWLES VILLAMIZAR & ASSOCIATES
 CONSULTING ENGINEERING - CA 9728

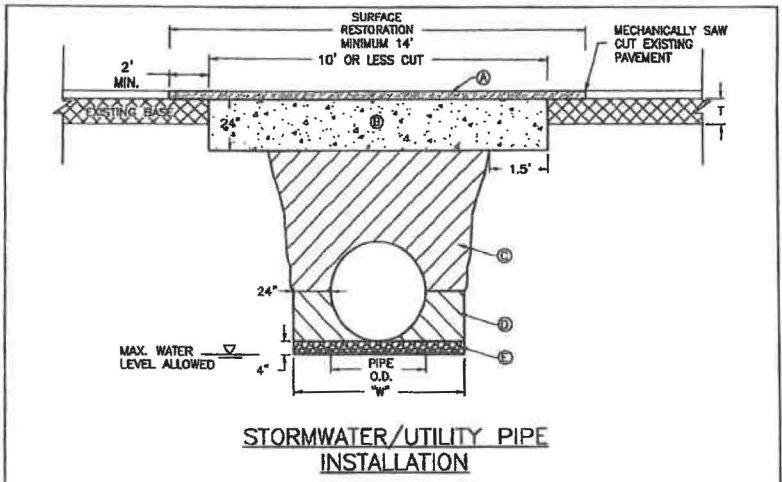
**HISTORIC TRANS-FLORIDA RAIL
 TRAIL EXTENSION**

INDIAN RIVER COUNTY FLORIDA

**WETLAND RE-HYDRATION CULVERT
 SECTION AND SECTION A-A**

DATE	21-0311

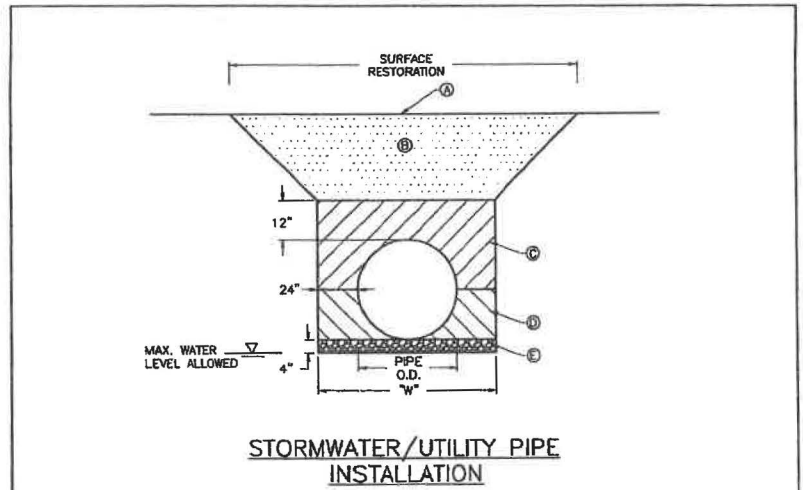
SHEET
C7



- NOTES:
- UTILITY CONSTRUCTION WITHIN THE RIGHT-OF-WAY SHALL COMPLY WITH COUNTY CODE CHAPTER 312.
 - ALL INSTALLATIONS LESS THAN 12" DIAMETER AND NON GRAVITY UTILITIES SHALL BE BY DIRECTIONAL BORE.
 - PARTIAL LANE CUTS REQUIRE A MINIMUM OF SINGLE LANE RESTORATION.
 - WHERE SOIL CONDITIONS CANNOT BE MAINTAINED AS SHOWN ABOVE, PROVIDE APPROVED METHOD OF CONSTRUCTION FOR APPROVAL BY THE COUNTY ENGINEER OR DESIGNEE PRIOR TO INSTALLATION.
 - SHORING MAY BE REQUIRED IN ACCORDANCE WITH ALL INDUSTRY STANDARDS.
 - NEW SURFACING MATERIALS SHALL BE CONSISTENT OR BETTER THAN EXISTING CONDITIONS AND SHALL HAVE BUTT JOINTS (2.5 INCH MINIMUM THICKNESS).
 - ALL ROADWAY RESTORATION SHALL COMPLY WITH INDIAN RIVER COUNTY PUBLIC WORKS AND FOOT STANDARDS (LATEST EDITION).
 - MINIMUM TRENCH WIDTH "W" = PIPE O.D. PLUS 2'-0" ON EACH SIDE.
 - MINIMUM EXISTING PAVEMENT DEPTH OR PER COUNTY ROADWAY DESIGN CRITERIA DETAIL, WHICHEVER IS GREATER.
 - FLOWABLE FILL AS DEFINED AS NON-EXCAVATABLE IN ACCORDANCE WITH FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 121, WITH STRENGTH OF 125-300 PSI.
 - A.A.S.H.T.O. TYPE A-3 MATERIAL IN MAXIMUM 6" LIFTS COMPACTED AT 98% A.A.S.H.T.O. T-180.
 - A.A.S.H.T.O. TYPE A-3 MATERIAL IN MAXIMUM 4" LIFTS COMPACTED AT 98% A.A.S.H.T.O. T-180. EXCAVATABLE FLOWABLE FILL IS ALLOWED WITH PRIOR APPROVAL OF PROPOSED MATERIAL STRENGTH BY THE COUNTY ENGINEER OR DESIGNEE.
 - 3/4" DIAMETER, WASHED BEDDING ROCK OR PEA ROCK WHERE UNSUITABLE BEDDING MATERIAL EXISTS OR IF DEWATERING IS REQUIRED. SUITABLE MATERIAL IS DEFINED AS STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION, OTHER FOREIGN FORMATIONS AND CONSTRUCTED TO UNIFORM GRADE AND LINE.

LAND DEVELOPMENT	
DESIGN STANDARDS AND SPECIFICATIONS	
DATE:	11/1/2016
INDEX:	1B
<i>James William Ennis, P.E.</i> Florida Reg. No. 71938 Public Works - County Engineer	

**TRENCH
(PAVED AREAS)
10' OR LESS CUT**



- NOTES:
- UTILITY CONSTRUCTION WITHIN THE RIGHT-OF-WAY SHALL COMPLY WITH COUNTY CODE CHAPTER 312.
 - WHERE SOIL CONDITIONS CANNOT BE MAINTAINED AS SHOWN ABOVE, PROVIDE METHOD OF CONSTRUCTION FOR APPROVAL BY COUNTY ENGINEER OR DESIGNEE PRIOR TO INSTALLATION.
 - SHORING MAY BE REQUIRED IN ACCORDANCE WITH ALL INDUSTRY STANDARDS.
 - MINIMUM TRENCH WIDTH "W" = PIPE O.D. PLUS 2'-0" ON EACH SIDE.
 - MATCH EXISTING GROUND WITH SMOOTH, LEVEL TRANSITION.
 - UNPAVED ROADS IN ROW SHALL CONSIST OF 8" LIMESTONE BASE OR COQUINA SHELL IN A MINIMUM OF (2) 4" LIFTS WITH A MINIMUM LBR OF 100 COMPACTED TO 98% MAXIMUM DENSITY PER A.A.S.H.T.O. T-180. WHEN INSTALLATION IS NOT LOCATED IN A TRAVEL LANE, RESTORATION SHALL BE ACCORDING TO C BELOW WITH SOD LAID WITHIN THREE DAYS OF FINAL GRADING.
 - A.A.S.H.T.O. TYPE A-3 MATERIAL IN MAXIMUM 6" LIFTS COMPACTED AT 98% A.A.S.H.T.O. T-180.
 - A.A.S.H.T.O. TYPE A-3 MATERIAL IN MAXIMUM 4" LIFTS COMPACTED AT 98% A.A.S.H.T.O. T-180. EXCAVATABLE FLOWABLE FILL IS ALLOWED WITH PRIOR APPROVAL OF PROPOSED MATERIAL STRENGTH BY COUNTY ENGINEER OR DESIGNEE.
 - 3/4" DIAMETER, WASHED BEDDING ROCK OR PEA ROCK WHERE UNSUITABLE BEDDING MATERIAL EXISTS OR DEWATERING IS REQUIRED. SUITABLE MATERIAL IS DEFINED AS STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION, OTHER FOREIGN FORMATIONS AND CONSTRUCTED TO UNIFORM GRADE AND LINE.

LAND DEVELOPMENT	
DESIGN STANDARDS AND SPECIFICATIONS	
DATE:	11/1/2016
INDEX:	2
<i>James William Ennis, P.E.</i> Florida Reg. No. 71938 Public Works - County Engineer	

**TRENCH
(UNPAVED AREAS)**

REVISIONS	DATE	JOB NO.
		21-0311
		TH
		SI
		DATE DEC. 2021
		CHECKED AS
		DATE ISSUED 12/02/2022

EMBV ENGINEERING, INC.
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 FT. PIERCE, FL - PH (772) 488-9055

GENERAL NOTES:

- GOVERNING SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" DATED JANUARY 2012 AND INDIAN RIVER COUNTY STANDARD SPECIFICATIONS.
- CONSTRUCTION DETAILS SHALL BE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FY 2021-22.
- ALL STATIONS AND OFFSETS ARE REFERENCED TO BASELINE OF SURVEY.
- ALL DISTURBED RAW SHALL BE SODDED WITHIN SEVEN DAYS OF FINAL GRADING. ALL SOD PLACED ON A SLOPE STEEPER THAN 4:1 SHALL BE PEGGED. COST OF PEGGING SOD SHALL BE INCLUDED IN PERFORMANCE TURF UNIT COST. ALL SOD TO BE NON-INVASIVE.
- THE CONTRACTOR WILL RESTORE ALL AREAS DISTURBED BY THIS CONSTRUCTION TO A CONDITION EQUAL TO, OR BETTER THAN THAT NOW EXISTING.
- ITEMS IN CONFLICT WITH CONSTRUCTION SUCH AS EXISTING SIDEWALKS, DRAINAGE STRUCTURES, PAVEMENT AND BASE AND EXCESS EXCAVATIONS ARE TO BE REMOVED BY CONTRACTOR AND DISPOSED OF IN A LEGAL AND PROPER MANNER AWAY FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE, UNLESS THE ITEMS ARE SPECIFIED TO BE REUSED ON THE PROJECT.
- EXISTING TREES WITHIN THE PROJECT LIMITS ARE INTENDED TO REMAIN, UNLESS THEY ARE IN DIRECT CONFLICT WITH THE PROPOSED IMPROVEMENTS OR INDICATED TO BE REMOVED. CONTRACTOR SHALL TAKE DUE CARE AS TO PROTECT EXISTING TREES WITHIN THE PROJECT LIMITS THAT ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS. THE CONTRACTOR SHALL REMOVE ALL EXOTIC VEGETATION LOCATED WITH THE PROJECT LIMITS WITHIN PUBLIC RIGHT OF WAY. COST OF TREE PRESERVATION SHALL BE INCLUDED WITHIN PAY ITEM 104-2 AND EXOTIC VEGETATION REMOVAL SHALL BE INCLUDED WITHIN PAY ITEM 110-1-1.
- STAGING AND MATERIAL STORAGE SHALL NOT BE CONDUCTED ON ANY ABUTTING PRIVATE PROPERTY WITHOUT WRITTEN AGREEMENT APPROVAL FROM THE OWNER. UPON PROJECT COMPLETION, SHOULD CONTRACTOR HAVE STAGED AND/OR STORED MATERIAL ON PRIVATE PROPERTY THE CONTRACTOR SHALL OBTAIN A WRITTEN RELEASE FROM THE PROPERTY OWNER. A COPY OF THE WRITTEN RELEASE SHALL BE PROVIDED TO THE COUNTY.
- NO EXISTING BASE MATERIAL REMOVED IN EXCAVATION SHALL BE REUSED AS PROPOSED BASE MATERIAL.
- CLEARING AND GRUBBING - WITHIN THE LIMITS OF CONSTRUCTION, ALL VEGETATION AND ROOT MATERIAL SHALL BE REMOVED.
- ALL VEGETATION, DEBRIS, A.C., CONCRETE OR OTHER UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR IN LEGAL MANNER AT THE CONTRACTOR'S EXPENSE.
- SOD PLACEMENT SHALL BE AS PER F.D.O.T. INDEX #106. SOD TYPE SHALL MATCH EXISTING GRASS AND NOT BE OF ANY TYPE OF INVASIVE SPECIES.
- ANY EXISTING ROADWAY AND/OR UTILITY THAT IS DAMAGED BY THE CONTRACTOR SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- SURFACE COURSE - TYPE F.C. 9.5 AND STRUCTURAL COURSE TYPE S.P. 12.5 SHALL CONFORM TO THE REQUIREMENTS OF THE F.D.O.T. SPECIFICATIONS, 2022 EDITION, SECTION 334. THE MINIMUM COMPACTED THICKNESS TO BE AS NOTED.
- EMBANKMENT, SUBGRADE, BASE AND ASPHALT ARE "IN PLACE" MEASUREMENTS.
- THERE SHALL BE NO EXCAVATIONS LEFT OPEN AFTER END OF SHIFT, UNLESS POSITIVELY SHIELDED.
- ALL CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED IN AN AREA DESIGNATED BY THE PARKS MANAGEMENT STAFF TO AVOID IMPACTS TO THE ENVIRONMENTALLY SENSITIVE AREAS.
- THE CONTRACTOR SHALL NOTIFY IRC MPO AT (772) 226-1034 & FDP PARKS MANAGEMENT STAFF, 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- GUARANTEE - ALL MATERIAL AND EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR UNDER THIS CONTRACT SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE THEREOF, AGAINST DEFECTIVE MATERIALS, DESIGN AND WORKMANSHIP. UPON RECEIPT OF NOTICE FROM THE OWNER OF FAILURE OF ANY PART OF THE GUARANTEED EQUIPMENT OR MATERIALS DURING THE GUARANTY PERIOD, THE AFFECTED PART, PARTS OR MATERIALS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER. IN THE EVENT THE CONTRACTOR FAILS TO MAKE THE NECESSARY REPLACEMENT OR REPAIRS WITHIN SEVEN DAYS AFTER NOTIFICATION BY THE OWNER, THE OWNER MAY ACCOMPLISH THE WORK AT THE EXPENSE OF THE CONTRACTOR. (FINAL ACCEPTANCE IS CONSIDERED TO BE FINAL APPROVAL BY THE I.R.C. BOARD OF COUNTY COMMISSIONERS.)
- ALL CHANGES SHALL BE APPROVED IN WRITING BY INDIAN RIVER COUNTY AND THE ENGINEER OF RECORD.

- ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN CHANGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.
- CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES SUCH AS TURBIDITY BARRIERS, SYNTHETIC BALES AND FLOATING SILT BARRIERS WHERE NECESSARY TO COMPLY WITH ALL LOCAL, STATE AND FEDERAL WATER QUALITY STANDARDS.
- CONTRACTOR TO INCLUDE ALL CONSTRUCTION SURVEY STAKE-OUT, AS-BUILTS AND SOILS / COMPACTION TESTING IN BID.

FDEP SPECIAL CONDITIONS:

- CONTRACTOR SHALL DECONTAMINATE ALL EQUIPMENT BEFORE ENTERING OR LEAVING THE PROJECT AREA, TO ENSURE THAT NO PROPAGATES OR REPRODUCTIVE MATERIAL IS TRANSPORTED BETWEEN TREATMENT SITES OR MANAGED AREAS.
- IT SHALL BE THE RESPONSIBILITY OF THE ST. SEBASTIAN RIVER PRESERVE STATE PARK STAFF TO INSPECT ALL EQUIPMENT PRIOR TO WORK COMMENCING ON THE FIRST DAY AT THE PROJECT SITE, ON ANY OCCASION THAT THE EQUIPMENT LEAVES THE PROJECT SITE, AND ANY TIME DURING THE COURSE OF THE OPERATION. ARRANGEMENTS FOR INSPECTIONS MUST BE MADE IN ADVANCE BY THE CONTRACTOR WITH PARK STAFF.

UNIDENTIFIED AREAS OF CONTAMINATION

- WHEN ENCOUNTERING OR EXPOSING ANY ABNORMAL CONDITION INDICATING THE PRESENCE OF A HAZARDOUS OR TOXIC WASTE, OR CONTAMINANTS, CEASE OPERATIONS IMMEDIATELY IN THE VICINITY AND NOTIFY THE INDIAN RIVER COUNTY LAP ENGINEER. THE PRESENCE OF TANKS OR BARRELS, DISCOLORED EARTH, METAL, WOOD, GROUND WATER, ETC.; VISIBLE FUMES; ABNORMAL ODORS; EXCESSIVELY HOT EARTH; SMOKE; OR OTHER CONDITIONS THAT APPEAR ABNORMAL MAY INDICATE HAZARDOUS OR TOXIC WASTES OR CONTAMINANTS AND MUST BE TREATED WITH EXTREME CAUTION.
- MAKE EVERY EFFORT TO MINIMIZE THE SPREAD OF CONTAMINATION INTO UNCONTAMINATED AREAS. IMMEDIATELY PROVIDE FOR THE HEALTH AND SAFETY OF ALL WORKERS AT THE JOB SITE AND MAKE PROVISIONS NECESSARY FOR THE HEALTH AND SAFETY OF THE PUBLIC THAT MAY BE EXPOSED TO ANY POTENTIALLY HAZARDOUS CONDITIONS. PROVISIONS SHALL MEET ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS OR CODES COVERING HAZARDOUS CONDITIONS AND WILL BE IN A MANNER COMMENSURATE WITH THE GRAVITY OF THE CONDITIONS.
- THE INDIAN RIVER COUNTY LAP ENGINEER WILL COORDINATE AND MOBILIZE A QUALIFIED CONTAMINATION ASSESSMENT/REMEDIATION (C.A.R.) CONTRACTOR. QUALIFICATIONS OF SUCH C.A.R. CONTRACTOR SHALL INCLUDE, BUT NOT BE LIMITED TO: EXPERIENCE AND PERSONNEL TO PREPARE CONTAMINATION ASSESSMENT PLANS, CONDUCT CONTAMINATION ASSESSMENTS, PREPARE SITE ASSESSMENT REPORTS, REMEDIATION PLANS, IMPLEMENT REMEDIAL ACTION PLANS, RISK BASED CORRECTIVE ACTIONS, STORAGE TANKS SYSTEM REMOVAL, HIGHWAY SPILL RESPONSE AS WELL AS EXPERIENCE WITH INFRASTRUCTURE/CONSTRUCTION ACTIVITIES WITHIN (POTENTIALLY) CONTAMINATED AREAS SPECIFIC TO TRANSPORTATION SYSTEMS.
- ALL THE WORK PERFORMED BY THE C.A.R. CONTRACTOR SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS GOVERNING WORKER SAFETY AND ENVIRONMENTAL REGULATIONS. THIS IS TO INCLUDE OCCUPATIONAL EXPOSURE TO CONTAMINATED SOILS, GROUNDWATER, WASTES AND ATMOSPHERE DURING THE CONSTRUCTION OF ALL FEATURES INCLUDED IN THE CONSTRUCTION PLANS. IN ADDITION, THE C.A.R. CONTRACTOR MUST BE STAFFED WITH FLORIDA LICENSED TECHNICAL PROFESSIONALS (GEOLOGISTS AND ENGINEERS) WHO WILL BE INVOLVED WITH THE PROJECT AND KNOWLEDGEABLE OF THE WORK ACTIVITIES CONDUCTED WITHIN THE IDENTIFIED CONTAMINATED AREAS AND WHO WOULD SIGN AND SEAL PROJECT REPORTS AS REQUIRED FOR SUBMITTAL TO THE APPROPRIATE ENVIRONMENTAL REGULATORY AGENCIES.
- THE INDIAN RIVER COUNTY LAP ENGINEER WILL IMMEDIATELY NOTIFY THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DISTRICT IV CONTAMINATION IMPACT COORDINATOR (CIC) AT (954) 777-4288 AFTER ENCOUNTERING THE UNIDENTIFIED AREAS OF CONTAMINATION. PRELIMINARY INVESTIGATION BY THE C.A.R. CONTRACTOR WILL DETERMINE THE COURSE OF ACTION NECESSARY FOR SITE SECURITY AND THE STEPS NECESSARY UNDER APPLICABLE LAWS, RULES, AND REGULATIONS FOR ADDITIONAL ASSESSMENT AND/OR REMEDIATION WORK TO RESOLVE THE CONTAMINATION ISSUE.
- FOLLOWING COMPLETION OF THE PROJECT, THE C.A.R. CONTRACTOR SHALL BE REQUIRED TO PROVIDE COPIES OF ALL REPORTS SUBMITTED TO REGULATORY AGENCIES, WASTE MATERIAL PROFILES, MANIFESTS AND/OR DISPOSAL RECEIPTS FOR THE HANDLING OF ALL CONTAMINATED MEDIA INCLUDING BUT NOT LIMITED TO GROUND WATER, WASTE WATER, SOILS, SOLID WASTES, SLUDGE, HAZARDOUS WASTES, AIR MONITORING RECORDS AND SAMPLE RESULTS FOR ALL MATERIALS TESTED AND ANALYZED TO THE INDIAN RIVER COUNTY LAP ENGINEER AND THE FDOT CIC.

- THIS PROJECT DOES NOT ANTICIPATE THE USE OF ANY TEMPORARY FILLS. SHOULD THE CONTRACTOR NEED TO UTILIZE TEMPORARY FILL DURING THE CONSTRUCTION PHASE, THESE FILLS SHALL BE REMOVED UPON COMPLETION AND THE AREA RESTORED TO PRE-CONSTRUCTION CONDITIONS PURSUANT TO F.A.C. 62-33.217.

INVASIVE SPECIES MANAGEMENT; DECONTAMINATION GUIDELINES FOR EQUIPMENT AND PPE

PRELIMINARY STATEMENT EXAMPLES:


- THE CONTRACTOR SHALL REQUIRE ALL PERSONNEL TO PRACTICE PROPER SANITATION PROCEDURES FOR ALL EQUIPMENT (INCLUDING PERSONAL PROTECTIVE GEAR) TO AVOID UNNECESSARY SPREADING OF INVASIVE AND EXOTIC PEST PLAN SPECIES WITHIN AND FROM THE TREATMENT SITE.
- CONTRACTORS WORKING ON INVASIVE EXOTIC REMOVAL PROJECTS MUST ADHERE TO THE FOLLOWING PROTOCOL:
 - MANDATORY DECONTAMINATION PROTOCOLS MUST BE FOLLOWED FOR VEHICLES AND EQUIPMENT PRIOR TO ENTERING INDIAN RIVER COUNTY FROM OUTSIDE OF THE COUNTY
 - WHEN MOVING EQUIPMENT FROM SITE TO SITE WITHIN INDIAN RIVER COUNTY, DECONTAMINATION REQUIREMENTS WILL BE AT THE DISCRETION OF THE PROJECT MANAGER AND WILL BE DEPENDANT UPON THE EXOTIC SPECIES THAT WERE TREATED AT THE PREVIOUS SITE, AND ON THE NATURE OF THE TREATMENT SITES.
 - IF DECONTAMINATION IS REQUIRED BY THE PROJECT MANAGER THEN THE CONTRACTOR MUST UTILIZE A DESIGNATED DECONTAMINATION SITE WITHIN INDIAN RIVER COUNTY. THE PROJECT MANAGER SHALL SUPPLY THE CONTRACTOR WITH A LIST OF DESIGNATED DECONTAMINATION SITES (THESE MAY INCLUDE COUNTY TRANSFER STATIONS AND DOT STORAGE SITES).
- PRIOR TO THE COMMENCEMENT OF AN INVASIVE PLAN REMOVAL PROJECT, THE SITE MANAGER SHALL ADDRESS THE NECESSITY FOR A DECONTAMINATION PLAN. IF THE PROJECT MANAGER REQUIRES A PLAN, THEN THE CONTRACTOR SHALL SUBMIT A BRIEF DECONTAMINATION PLAN IN WRITING, TO THE PROJECT MANAGER FOR APPROVAL. THE DECONTAMINATION PLAN SHALL IDENTIFY SPECIFIC DECONTAMINATION PROCEDURES AND DECONTAMINATION LOCATIONS. DECONTAMINATION PROTOCOLS MAY VARY DEPENDING UPON THE NATURE OF THE TREATMENT SITE, TYPE OF TREATMENT CONDUCTED AT THE SITE, AND EXOTIC SPECIES THAT ARE SCHEDULED FOR TREATMENT.
 - IT WILL BE THE RESPONSIBILITY OF THE SITE MANAGER TO INSPECT ALL EQUIPMENT PRIOR TO WORK COMMENCING ON THE FIRST DAY AT THE PROJECT SITE, ON ANY OCCASION THAT THE EQUIPMENT LEAVES THE PROJECT SITE, AND ANY TIME DURING THE COURSE OF THE CONTROL OPERATION.
 - FAILURE TO COMPLY WITH THE DECONTAMINATION PROTOCOLS CONSTITUTES A REASON FOR CONTRACT CANCELLATION AND DISMISSAL OF THE CONTRACTOR.

PROTOCOL EXAMPLES:

- ALL EQUIPMENT INCLUDING BUT NOT LIMITED TO VEHICLES, TRAILER, ATV'S, AND CHIPPERS MUST BE CLEANED WITH A PRESSURE WASHER (AT A FACILITY APPROVED BY THE MANAGING AGENCY'S PROJECT MANAGER). DECONTAMINATION PROTOCOLS INCLUDE SPRAYING DOWN ALL EQUIPMENT SURFACES INCLUDING THE UNDERCARRIAGE AND TIRES TO INSURE MUD, VEGETATIVE DEBRIS AND OTHER DEBRIS IS NOT TRANSPORTED FROM THE PREVIOUS TREATMENT SITE. SPECIAL ATTENTION WILL BE PAID TO EQUIPMENT THAT HAS WORKED AT SITE WHERE *LYGODIUM*, *COGAN GRASS* AND OTHER EXOTICS SPECIFIC TO THE MAINLAND WERE TREATED TO PREVENT THE SPREAD OF THESE INTO MONROE COUNTY.
 - EQUIPMENT SUCH AS CHAIN SAWS, LOPPERS, ETC. USED FOR CUT STUMP TREATMENT MUST BE WIPED DOWN AND CLEANED SO THAT THEY ARE FREE OF DEBRIS.
- ALL EQUIPMENT INCLUDING BUT NOT LIMITED TO VEHICLES, TRAILER, ATV'S, AND CHIPPERS MUST BE CLEANED WITH A PRESSURE WASHER TO REDUCE THE SPREAD OF EXOTIC VEGETATION PRIOR TO INITIATING WORK ACTIVITIES ON PUBLIC LANDS. DECONTAMINATION PROTOCOLS INCLUDE SPRAYING DOWN ALL EQUIPMENT SURFACES INCLUDING THE UNDERCARRIAGE AND TIRES TO INSURE MUD, VEGETATIVE DEBRIS AND OTHER DEBRIS IS NOT TRANSPORTED FROM THE PREVIOUS TREATMENT SITE. ALL HAND-HELD EQUIPMENT SUCH AS CHAIN SAWS, LOPPERS, ETC. TO BE USED FOR TREATMENT ACTIVITIES MUST BE WIPED DOWN AND CLEANED SO THAT THEY ARE FREE OF DEBRIS.
 - IN AREAS OF KNOWN *LYGODIUM* POPULATIONS, CONCERTED EFFORT WILL BE MADE TO REMOVE SPORES FROM CLOTHING AND BOOTS BY USE OF COMPRESSED AIR ON GARMENTS AND CLEANING BOOT LUGS PRIOR TO LEAVING THE TREATMENT SITE.
- QUARANTINE EQUIPMENT AT A "STAGING AREA" AND SPRAY EQUIPMENT THOROUGHLY, INCLUDING THE UNDERCARRIAGE AND TIRES.

US FISH AND WILDLIFE SERVICE SPECIAL CONSTRUCTION NOTES:

- ALL CONSTRUCTION AND PAVING ACTIVITIES WILL OCCUR OUTSIDE OF THE FLORIDA SCRUB-JAY NESTING SEASON FROM JULY 15TH TO FEBRUARY 15TH.
- 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.

<table border="1"> <thead> <tr> <th>REVISION#</th> <th>DATE</th> <th>JOB NO.</th> <th>21-0311</th> </tr> </thead> <tbody> <tr> <td>---</td> <td>---</td> <td>DESIGNED</td> <td>TH</td> </tr> <tr> <td>---</td> <td>---</td> <td>DRAWN</td> <td>SS</td> </tr> <tr> <td>---</td> <td>---</td> <td>DATE</td> <td>DEC. 2021</td> </tr> <tr> <td>PER PPL COMMENTS</td> <td>12/14/2022</td> <td>CHECKED</td> <td>AS</td> </tr> <tr> <td>PER FRBP PPL COMMENTS</td> <td>05/09/2022</td> <td>DATE ISSUED</td> <td>12/20/2022</td> </tr> <tr> <td>PER SURVIVED FIELD INSPECTION</td> <td>08/23/2022</td> <td></td> <td></td> </tr> </tbody> </table>	REVISION#	DATE	JOB NO.	21-0311	---	---	DESIGNED	TH	---	---	DRAWN	SS	---	---	DATE	DEC. 2021	PER PPL COMMENTS	12/14/2022	CHECKED	AS	PER FRBP PPL COMMENTS	05/09/2022	DATE ISSUED	12/20/2022	PER SURVIVED FIELD INSPECTION	08/23/2022			 <p>1835 20TH STREET VERO BEACH, FL 32960 PH: (772) 569-0036 FX: (772) 778-3817</p> <p>MOA BOWLEE VILLANAZAR & ASSOCIATES CONSULTING ENGINEERING CA 93731 MELBOURNE, FL - PH (321) 283-1519 FT. PIERCE, FL - PH (772) 489-6855</p>	<p>HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION</p>	<p>INDIAN RIVER COUNTY</p>	<p>FLORIDA</p>	<p>SHEET</p> <p>C9</p>	<p>DATE</p> <p>21-0311</p>
REVISION#	DATE	JOB NO.	21-0311																															
---	---	DESIGNED	TH																															
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PER FRBP PPL COMMENTS	05/09/2022	DATE ISSUED	12/20/2022																															
PER SURVIVED FIELD INSPECTION	08/23/2022																																	

Please keep me
wild & free

If you love me, you won't feed me

● Feeding scrub-jays disrupts their natural feeding, breeding & sentinel behavior which can harm them

What's the Harm?

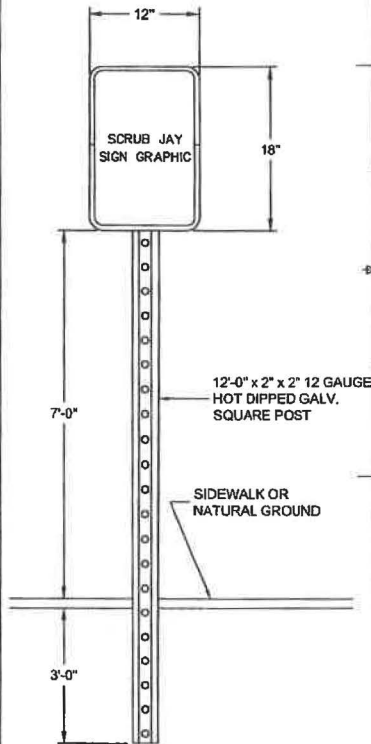
- Feeding scrub-jays can cause earlier breeding which can harm the young & future generations
- Feeding scrub-jays makes them more vulnerable to humans and predators
- Feeding scrub-jays provides them with unnatural foods that are unhealthy



Florida scrub-jay



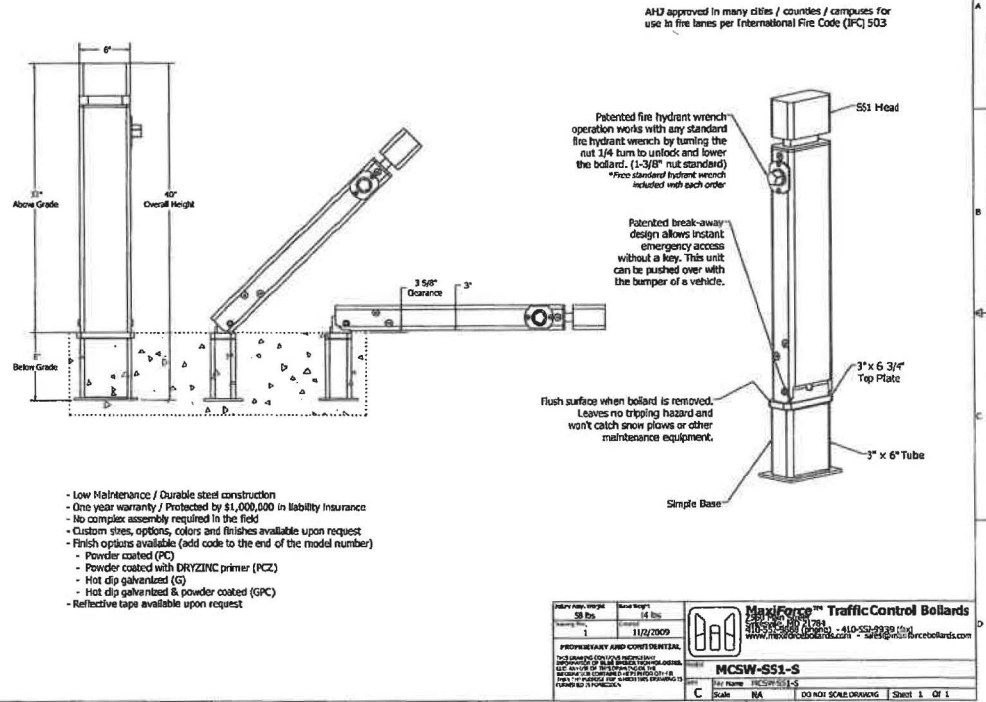
SCRUB JAY SIGN GRAPHIC
N.T.S.



- GENERAL NOTES**
1. SIGN GRAPHIC AND PANEL TO BE DEVELOPED BY IRC AND INSTALLED BY CONTRACTOR.
 2. THE SIGN SHALL BE PLACED A MINIMUM OF 3' FROM THE EDGE OF THE TRAIL SURFACE OR WHERE DESIGNATED BY PARK STAFF.

SCRUB JAY SIGN DETAIL
N.T.S.

MaxiForce™ Collapsible Bollard
Standard Body, Wrench Operated, Standard Style 1 Head, Simple Base



COLLAPSIBLE BOLLARD DETAIL

N.T.S.

REVISIONS	DATE	JOB NO.	21-0311
DESIGNED	TH		
DRAWN	SS		
CHECKED	AS		
PER FPL COMMENTS	12/14/2022		
PER PDRP RAI #1 COMMENTS	08/09/2022		
PER SURVIVO FIELD INSPECTION	08/23/2022		

MBV ENGINEERING, INC.
MOA BOWLES VILLANAR & ASSOCIATES
CONSULTING ENGINEERS CA 0729

1835 20TH STREET
VERO BEACH, FL 32906
PH. (772) 569-0035
FX. (772) 778-3617

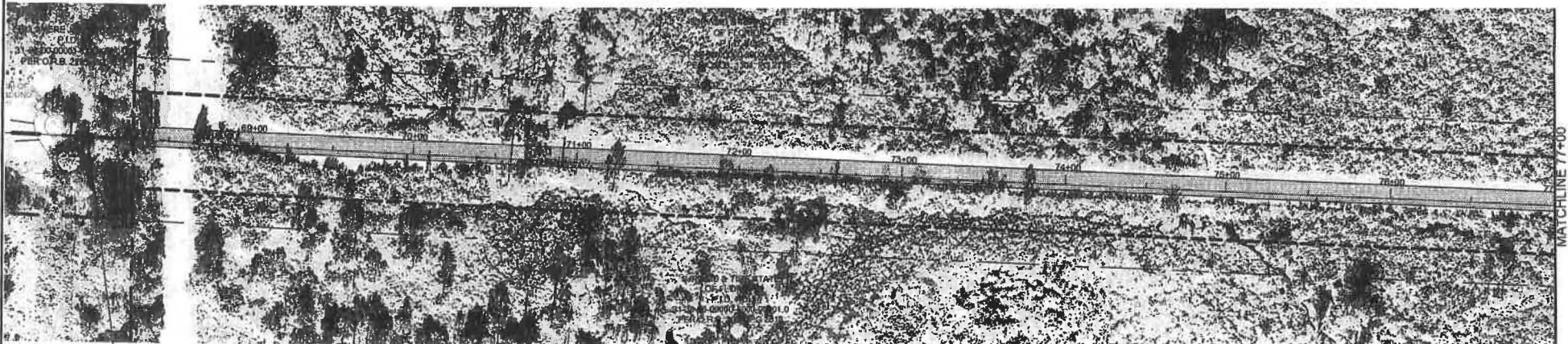
MELBOURNE, FL - PH (321) 253-1510
FT. PIERCE, FL - PH (772) 498-9055

HISTORIC TRANS-FLORIDA RAIL
TRAIL EXTENSION

INDIAN RIVER COUNTY

FLORIDA

SITE SIGNAGE AND DETAILS	DATE	21-0311
		SHEET
		C10



BEGIN PROJECT 446073-1-58-01
 TRANS-FLORIDA RAILWAY TRAIL
 STA. 68+00.00




TRAIL PLAN

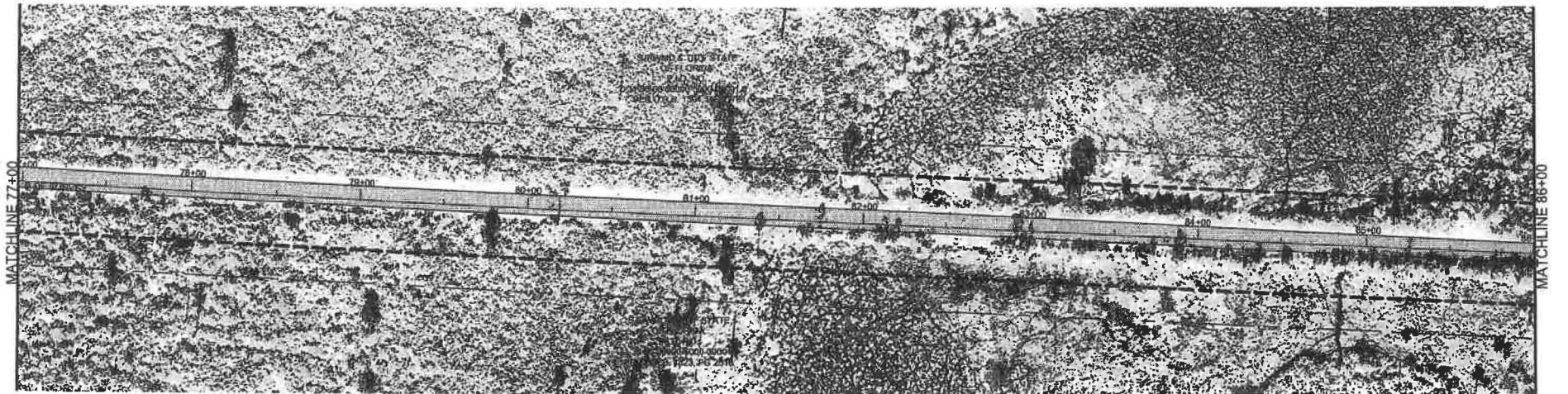
SCALE: 1" = 60'



GRAPHIC SCALE
 0 (IN FEET) 60
 1 inch = 60 ft.

LEGEND

-  PROPOSED PAVED TRAIL
-  EXISTING VACATED 100' R/W LINE
-  PROPOSED 60' TRAIL EASEMENT



REVISIONS	DATE	JOB NO.
DESIGNED		21-0311
DRAWN		
DATE	DEC. 2021	
CHECKED	AS	
PER PPL COMMENTS	12/14/2022	
PER PREP R/W PL COMMENTS	09/09/2022	
PER SURVIVOR FIELD INSPECTION	08/29/2022	
DATE ISSUED	12/02/2022	

MBV ENGINEERING, INC.
 1935 20TH STREET
 VERO BEACH, FL 32980
 PH. (772) 568-0035
 FX. (772) 778-3617
 MELBOURNE, FL - PH (321) 253-0510
 FT. PIERCE, FL - PH (772) 468-9955
 CONSTRUCTION ENGINEERING CA 33738

HISTORIC TRANS-FLORIDA RAIL
 TRAIL EXTENSION
 INDIAN RIVER COUNTY
 FLORIDA

SITE PLAN WITH AERIAL OVERLAY

SHEET
C11
 DATE 21-0311



TRAIL PLAN

SCALE: 1" = 60'



GRAPHIC SCALE
0 60
(IN FEET)
1 inch = 60 ft.

LEGEND

- PROPOSED PAVED TRAIL
- EXISTING VACATED 100' R/W LINE
- PROPOSED 60' TRAIL EASEMENT



REVISIONS	DATE	JOB NO.
		21-0211
		DESIGNED
		DRAWN
		DATE
		CHECKED
		DATE ISSUED

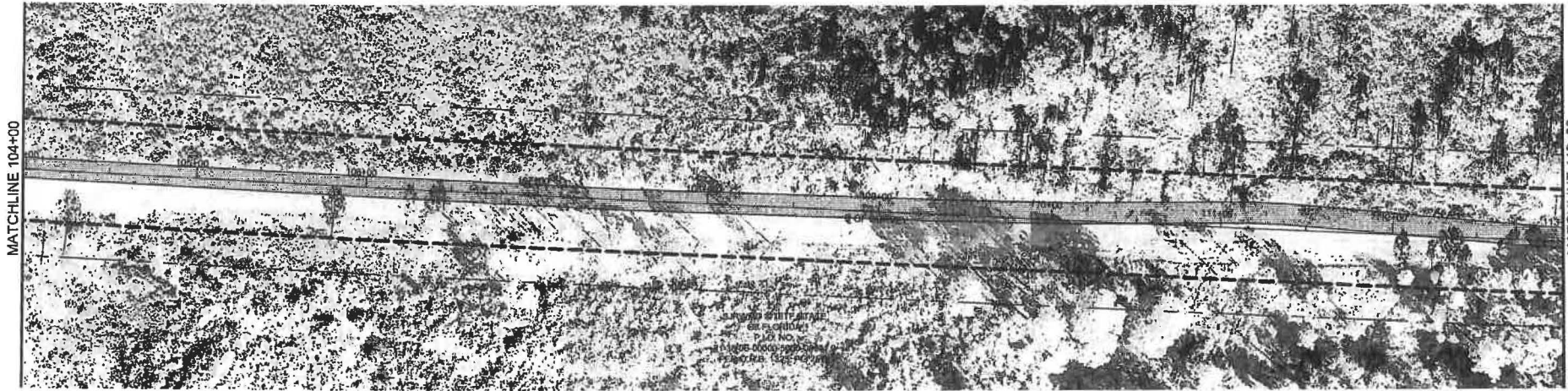
MBV
ENGINEERING, INC.
NORA BOWLES VILLANAR & ASSOCIATES
CONSULTING ENGINEERING CA #3728

1835 20TH STREET
VERO BEACH, FL 32980
PH. (772) 569-0035
FX. (772) 778-3617
MELBOURNE, FL - PH (321) 253-1510
FT. PIERCE, FL - PH (772) 488-9055

HISTORIC TRANS-FLORIDA RAIL
TRAIL EXTENSION
INDIAN RIVER COUNTY
FLORIDA

SITE PLAN WITH AERIAL OVERLAY
DATE
21-0211

SHEET
C12



MATCHLINE 104+00

MATCHLINE 113+00

TRAIL PLAN

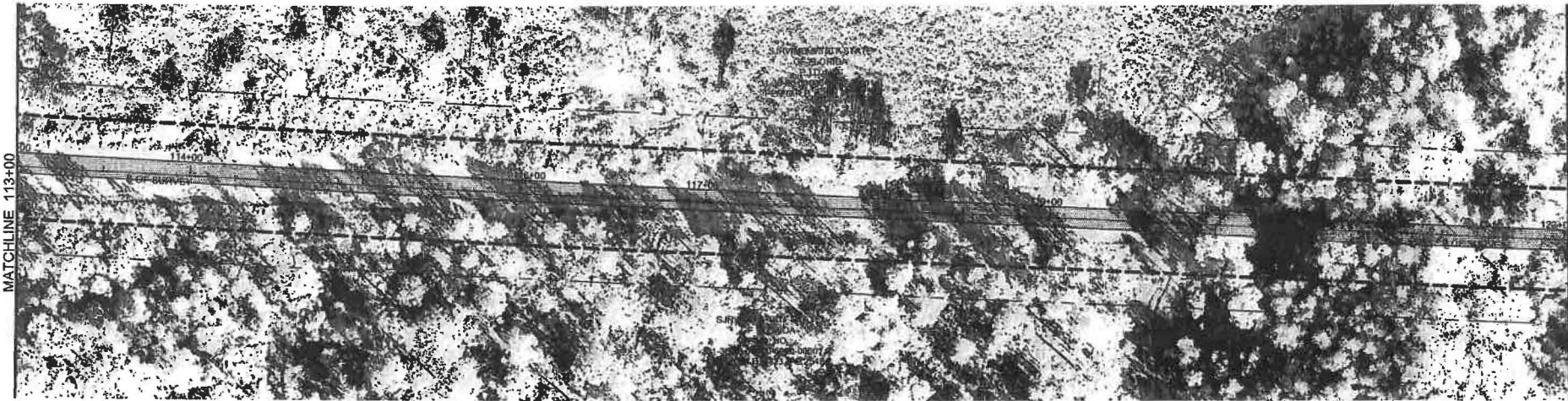
SCALE: 1" = 60'



GRAPHIC SCALE
0 60
(IN FEET)
1 inch = 60 ft.

LEGEND

- PROPOSED PAVED TRAIL
- EXISTING VACATED 100' RW LINE
- PROPOSED 60' TRAIL EASEMENT



MATCHLINE 113+00

MATCHLINE 122+00

REVISIONS	DATE	JOB NO.
		21-0311
		DESIGNED
		DRAWN
		DATE
		CHECKED
		DATE ISSUED

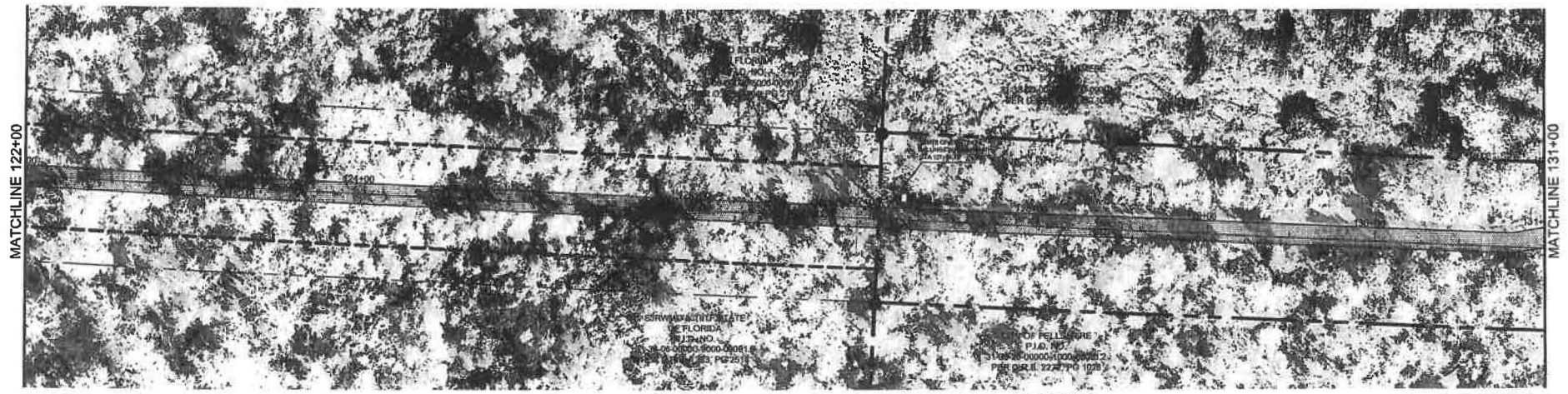
MBV
ENGINEERING, INC.
MONA BOYLES WILLANIZAR & ASSOCIATES
CONSULTING ENGINEERING CA#2728

1835 20TH STREET
VERO BEACH, FL 32980
PH. (772) 560-0335
FX. (772) 778-3817
MELBOURNE, FL - PH (321) 253-1510
FT. PIERCE, FL - PH (772) 458-9555

HISTORIC TRANS-FLORIDA RAIL
TRAIL EXTENSION
INDIAN RIVER COUNTY
FLORIDA

SITE PLAN WITH AERIAL OVERLAY
DATE

SHEET
C13
21-0311



MATCHLINE 122+00

MATCHLINE 131+00

TRAIL PLAN

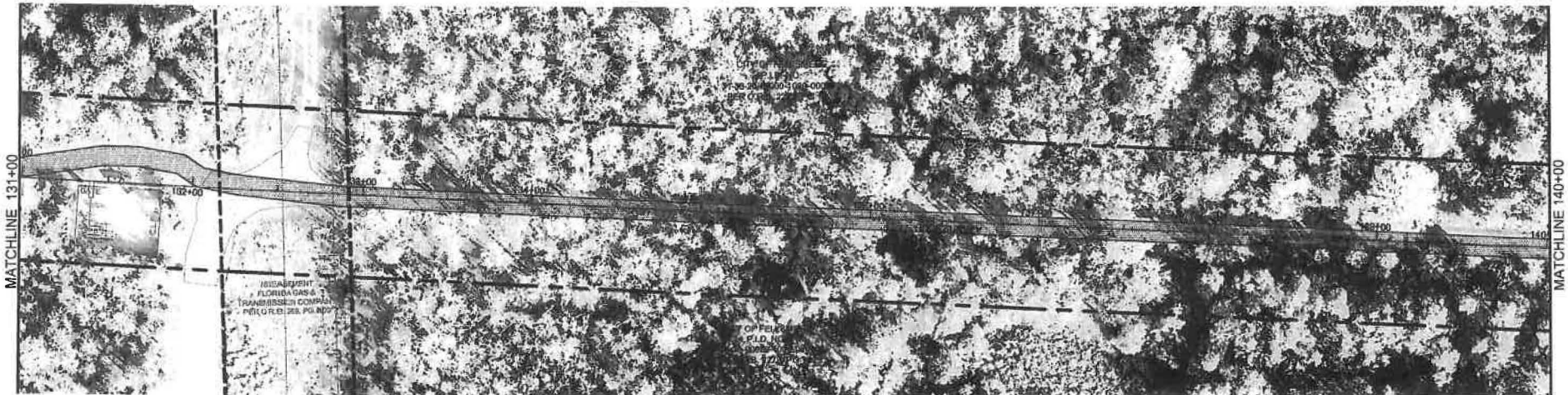
SCALE: 1" = 60'



GRAPHIC SCALE
0 60
(IN FEET)
1 inch = 60 ft.

LEGEND

- PROPOSED PAVED TRAIL
- EXISTING VACATED 100' R/W LINE
- EXISTING CITY OF FELLSMERE 100' TRAIL EASEMENT
- PROPOSED 60' TRAIL EASEMENT



MATCHLINE 131+00

MATCHLINE 140+00

REVISIONS	DATE	JOB NO.
		21-0311
		DESIGNED TH
		DRAWN SD
		DATE DEC. 2021
		CHECKED HJS
		DATE ISSUED 12/29/2022

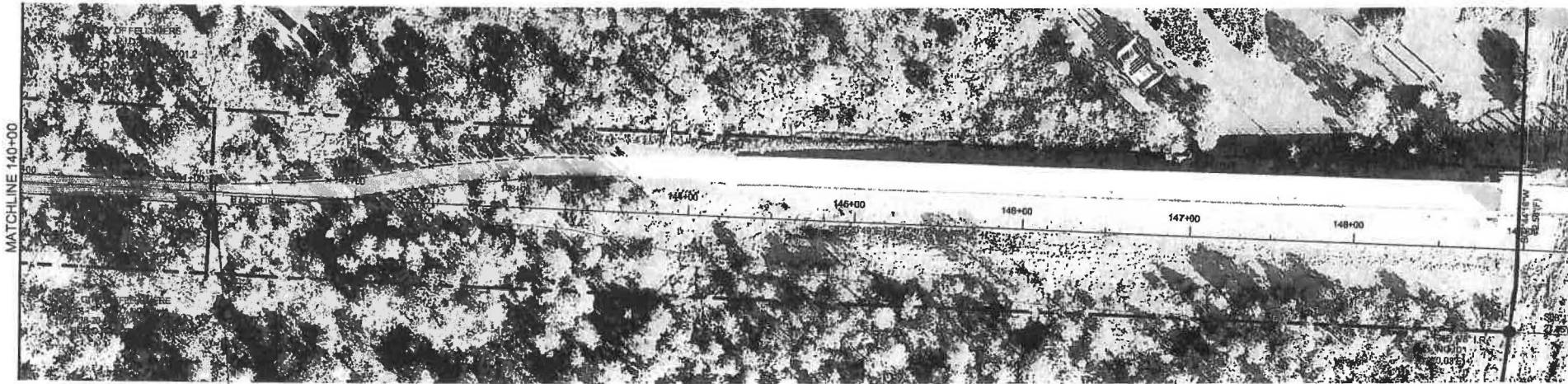
MBV
ENGINEERING, INC.
MOVA BOWLES VILLAMIZAR & ASSOCIATES
CONSULTING ENGINEERS CA #9738

1835 20TH STREET
VERO BEACH, FL 32960
PH. (772) 599-0035
FX. (772) 778-3617
MELBOURNE, FL - PH (321) 253-1510
FT. PIERCE, FL - PH (772) 488-9655

HISTORIC TRANS-FLORIDA
TRAIL EXTENSION
INDIAN RIVER COUNTY
FLORIDA

SITE PLAN WITH AERIAL OVERLAY
DATE

SHEET
C14
21-0311



MATCHLINE 140+00

END PROJECT 446073-1-58-01
 TRANS-FLORIDA RAILWAY TRAIL
 STA. 141+15.04

TRAIL PLAN

SCALE: 1" = 60'



GRAPHIC SCALE
 0 60
 (IN FEET)
 1 inch = 60 ft.

LEGEND

- PROPOSED PAVED TRAIL
- EXISTING CITY OF FELLSMERE 100' TRAIL EASEMENT

REVISIONS	DATE	JOB NO.
---	---	21-0311
---	---	DESIGNED TH
---	---	DRAWN SB
---	---	DATE DEC. 2001
Δ PER PPL COMMENTS	12/14/2022	CHECKED AS
Δ PER PREP SA/PI COMMENTS	06/09/2022	DATE ISSUED 12/20/2022
Δ PER SURVAD FIELD INSPECTION	08/23/2022	



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

MORA BOWLES VILLANZAN & ASSOCIATES
 CONSULTING ENGINEERING - CA #2728
 MELBOURNE, FL - PH (321) 253-1510
 FT. PIERCE, FL - PH (772) 469-9055

HISTORIC TRANS-FLORIDA RAIL
 TRAIL EXTENSION
 INDIAN RIVER COUNTY
 FLORIDA

SITE PLAN WITH AERIAL OVERLAY
 DATE

SHEET
C15
 21-0311

- NOTES:
1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
 2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" MAXIMUM RECOMMENDED STORAGE HEIGHT.
 3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

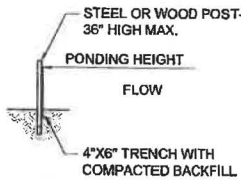
EXTRA STRENGTH FILTER FABRIC NEEDED WITHOUT WIRE MESH SUPPORT

STEEL OR WOOD POST

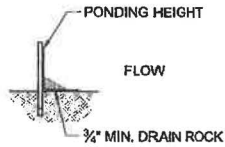
ATTACH FILTER FABRIC SECURELY TO UPSTREAM SIDE OF POST

FLOW

10' MAXIMUM SPACING WITH WIRE SUPPORT FENCE, 6' MAXIMUM SPACING WITHOUT WIRE SUPPORT FENCE



TRENCH DETAIL



INSTALLATION WITHOUT TRENCHING

TYPE IV SILT FENCE
N.T.S.

EROSION AND SEDIMENTATION CONTROL NOTES

CONSTRUCTION ACTIVITIES CAN RESULT IN THE GENERATION OF SIGNIFICANT AMOUNTS OF POLLUTANTS WHICH MAY REACH SURFACE OR GROUND WATERS. ONE OF THE PRIMARY POLLUTANTS OF SURFACE WATERS IS SEDIMENT DUE TO EROSION. EXCESSIVE QUANTITIES OF SEDIMENT WHICH REACH WATER BODIES OF FLOOD PLAINS HAVE BEEN SHOWN TO ADVERSELY AFFECT THEIR PHYSICAL, BIOLOGICAL AND CHEMICAL PROPERTIES. TRANSPORTED SEDIMENT CAN OBSTRUCT STREAM CHANNELS, REDUCE HYDRAULIC CAPACITY OF WATER BODIES OF FLOOD PLAINS, REDUCE THE DESIGN CAPACITY OF CULVERTS AND OTHER WORKS, AND ELIMINATE BENTHIC INVERTEBRATES AND FISH SPAWNING SUBSTRATES BY SILTATION. EXCESSIVE SUSPENDED SEDIMENTS REDUCE LIGHT PENETRATION AND THEREFORE, REDUCE PRIMARY PRODUCTIVITY.

MINIMUM STANDARDS

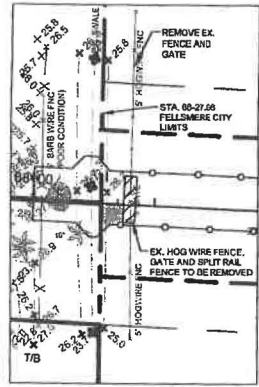
1. SEDIMENT BASIN AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND-DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UNSLOPE LAND DISTURBANCE TAKES PLACE.
2. ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.
3. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.
4. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
5. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT, IN THE OPINION OF THE REVIEWER, IS UNIFORM, MATURE ENOUGH TO SURVIVE AND WILL INHIBIT EROSION.
6. STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.
7. SURFACE RUNOFF FROM DISTURBED AREAS THAT IS COMPRISED OF FLOW FROM DRAINAGE AREAS GREATER THAN OR EQUAL TO THREE ACRES SHALL BE CONTROLLED BY A SEDIMENT BASIN. THE SEDIMENT BASIN SHALL BE DESIGNED AND CONSTRUCTED TO ACCOMMODATE THE ANTICIPATED SEDIMENT LOADING FROM THE LAND-DISTURBING ACTIVITY. THE OUTFALL DEVICE OR SYSTEM DESIGN SHALL TAKE INTO ACCOUNT THE TOTAL DRAINAGE AREA FLOWING THROUGH THE DISTURBED AREA TO BE SERVED BY THE BASIN.
8. AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE CORRECTED IMMEDIATELY.
9. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME OR SLOPE DRAIN STRUCTURE.
10. WHENEVER WATER SEEPS FROM A SLOPE FACE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHALL BE PROVIDED.
11. SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM DRAIN SYSTEM, DITCH OR CHANNEL. ALL STORM SEWER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
12. BEFORE TEMPORARY OR NEWLY CONSTRUCTED STORMWATER CONVEYANCE CHANNELS ARE MADE OPERATIONAL, ADEQUATE OUTLET PROTECTION AND ANY REQUIRED TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND RECEIVING CHANNEL.
13. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION. NONERODIBLE MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF CAUSEWAYS AND COFFERDAMS. EARTHEN FILL MAY BE USED FOR THESE STRUCTURES IF ARMORED BY NONERODIBLE COVER MATERIALS.
14. WHEN A LIVE WATERCOURSE MUST BE CROSSED BY CONSTRUCTION VEHICLES, A TEMPORARY STREAM CROSSING CONSTRUCTED OF NONERODIBLE MATERIAL SHALL BE PROVIDED.
15. THE BED AND BANKS OF A WATERCOURSE SHALL BE STABILIZED IMMEDIATELY AFTER WORK IN THE WATERCOURSE IS COMPLETED.
16. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT LEAVING THE PROPERTY. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.
17. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE, WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND GUTTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND-DISTURBING ACTIVITIES.
18. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. IN THE OPINION OF THE REVIEWER, DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
19. PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITE SHALL BE PROTECTED FROM SEDIMENT DISPOSITION AND EROSION.
20. EROSION CONTROL DESIGN AND CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS IN INDEX NOS. 104 AND 105 OF FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
21. THE REVIEWER MAY APPROVE MODIFICATIONS OR ALTER PLANS TO THESE EROSION CONTROL CRITERIA DUE TO SITE SPECIFIC CONDITIONS.

REVISIONS	DATE	JOB NO.	24-0311
---	---	DESIGNED	TH
---	---	DRAWN	SB
---	---	DATE	DEC. 202
PER PPL COMMENTS	12/24/2022	CHECKED	AB
PER ESDR FOR COMMENTS	06/09/2022	DATE ISSUED	12/20/2022
PER S.ROWING FIELD INSPECTION	06/03/2022		

EMBY
ENGINEERING, INC.
NINA ROWLES WILMHEIMER & ASSOCIATES
CONSULTING ENGINEERING - CA #2738

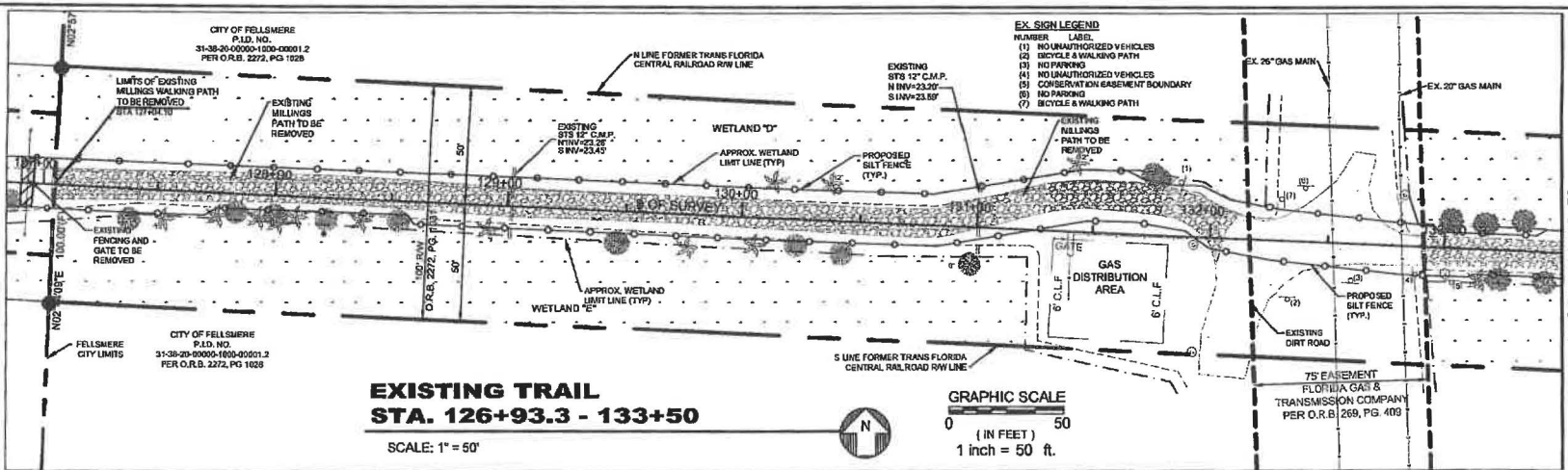
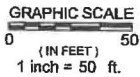
1635 20TH STREET
VERO BEACH, FL 32906
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MELBOURNE, FL - PH (321) 263-1510
FT. PIERCE, FL - PH (772) 466-9056

HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION	FLORIDA	EROSION CONTROL DETAILS	DATE	21-4311
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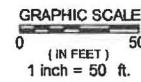
**EXISTING TRAIL
STA. 68+40.42**

SCALE: 1" = 50'



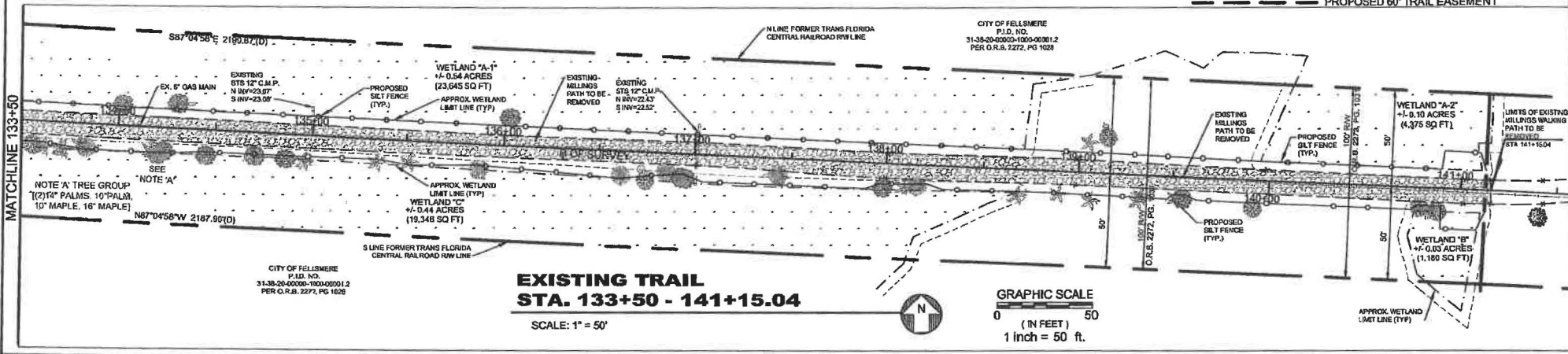
**EXISTING TRAIL
STA. 126+93.3 - 133+50**

SCALE: 1" = 50'



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**
- EXISTING MILLINGS TRAIL TO BE REMOVED
 - EXISTING WETLAND
 - EXISTING WETLAND BOUNDARY
 - WETLAND BUFFER
 - PROPOSED SILT FENCE
 - EXISTING VACATED 100' R/W LINE
 - EXISTING FELLSMERE 100' TRAIL EASEMENT
 - PROPOSED 60' TRAIL EASEMENT



**EXISTING TRAIL
STA. 133+50 - 141+15.04**

SCALE: 1" = 50'

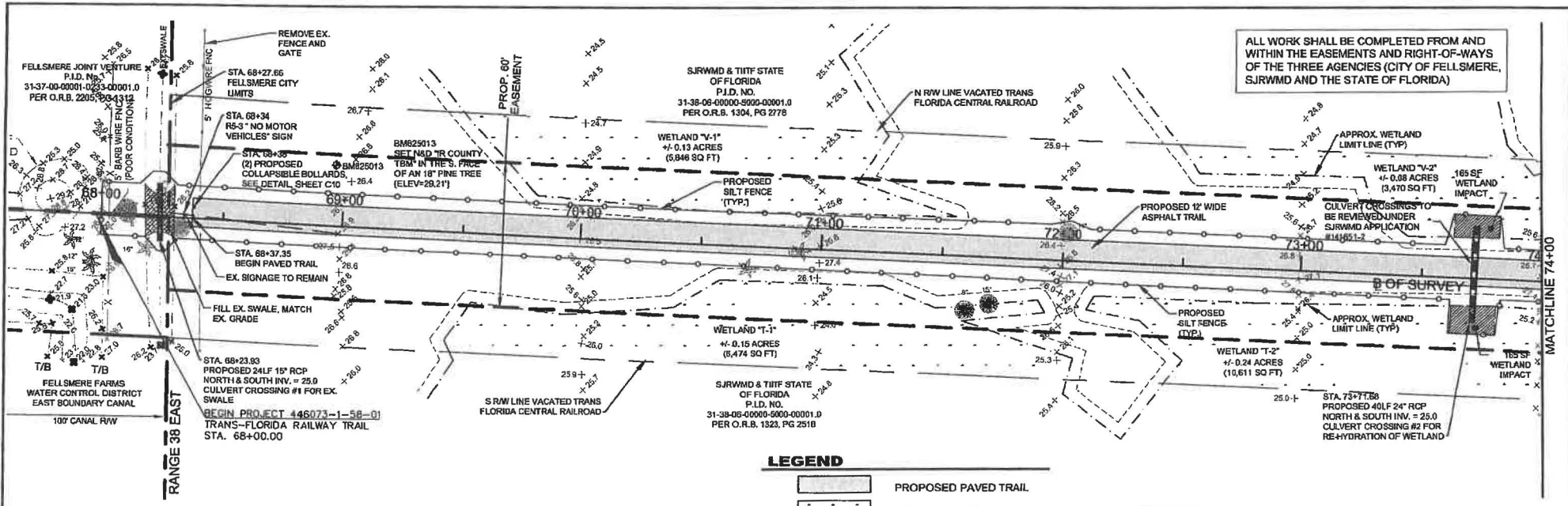


REVISIONS	DATE	JOB NO.	21-0311
DESIGNED	TH		
DRAWN	ES		
DATE	DEC. 2021		
CHECKED	AS		
DATE ISSUED	12/29/2022		

EMBV ENGINEERING, INC.
 1835 20TH STREET
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 FT. PIERCE, FL - PH (772) 488-9066

HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION
 INDIAN RIVER COUNTY
 FLORIDA

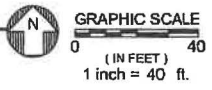
DEMOLITION PLAN		SHEET
		C17
DATE	21-0311	



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

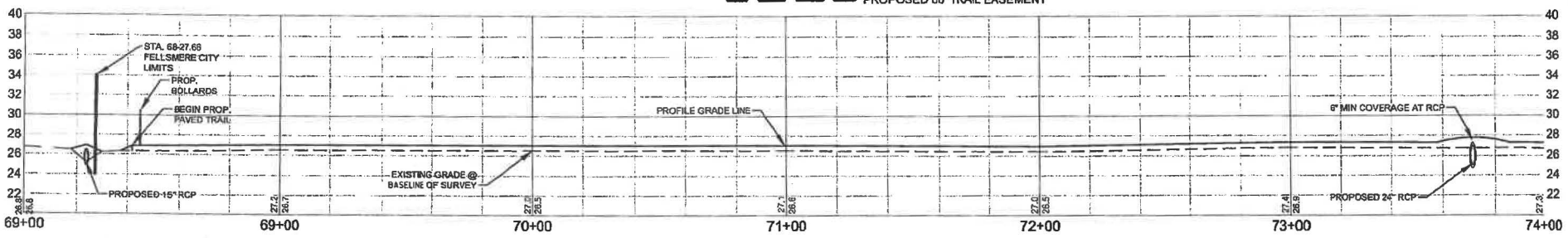
SCALE: 1" = 40'



LEGEND

- PROPOSED PAVED TRAIL
- EXISTING WETLAND
- PROPOSED WETLAND IMPACT
- PROPOSED FILL
- EXISTING WETLAND BOUNDARY
- WETLAND BUFFER
- PROPOSED SILT FENCE
- EXISTING VACATED 100' R/W LINE
- PROPOSED 60' TRAIL EASEMENT

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 CAN BE LOCATED ON THE BACKSIDE OF TREE WITHOUT IMPACT TO THE WETLAND AREA OR TREE.



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

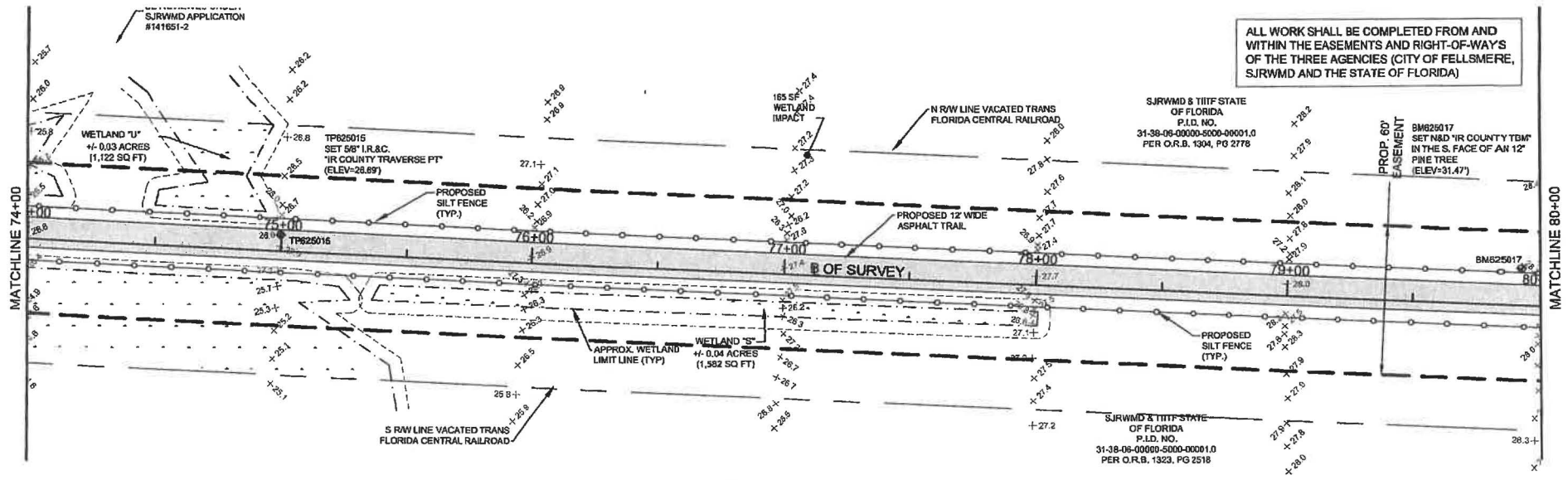
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DESIGNED	TH		
DRAWN	SD		
CHECKED	AS		
DATE ISSUED	12/29/2022		
PER FPL COMMENTS	12/14/2022		
PER FPL COMMENTS	09/09/2022		
PER SJRWMD FIELD INSPECTION	09/09/2022		

MBV ENGINEERING, INC.
1836 20TH STREET
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FX. (772) 778-3817
NOVA BOWLES VILLANUZ & ASSOCIATES
CONSULTING ENGINEERING CA#2723
MELBOURNE, FL - PH (321) 253-1510
FT. PIERCE, FL - PH (772) 499-9913

HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION
INDIAN RIVER COUNTY
FLORIDA

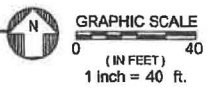
PLAN AND PROFILE
DATE: 21-03-11
SHEET
C18

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

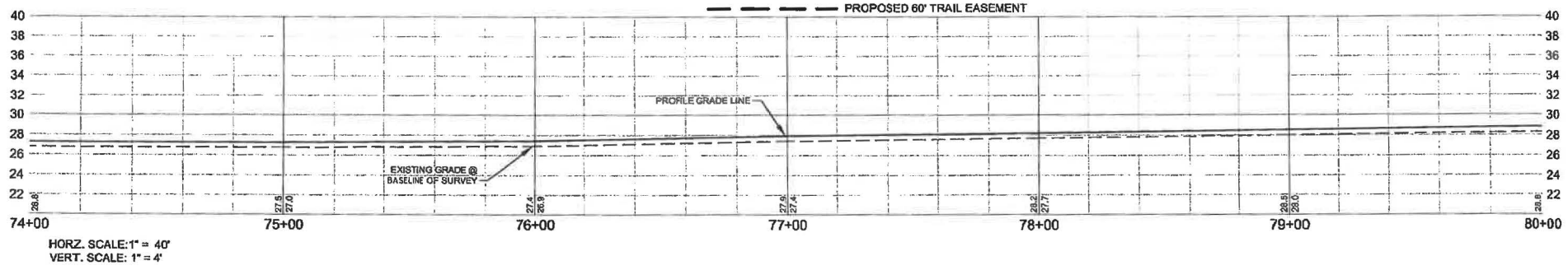
SCALE: 1" = 40'



LEGEND

- PROPOSED PAVED TRAIL
- EXISTING WETLAND
- EXISTING WETLAND BOUNDARY
- WETLAND BUFFER
- PROPOSED SILT FENCE
- EXISTING VACATED 100' R/W LINE
- PROPOSED 60' TRAIL EASEMENT

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.



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

REVISIONS	DATE	JOB NO.
		21-0311
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		DRAWN ES
		DATE DEC. 2021
		CHECKED AS
		DATE ISSUED 12/29/2022

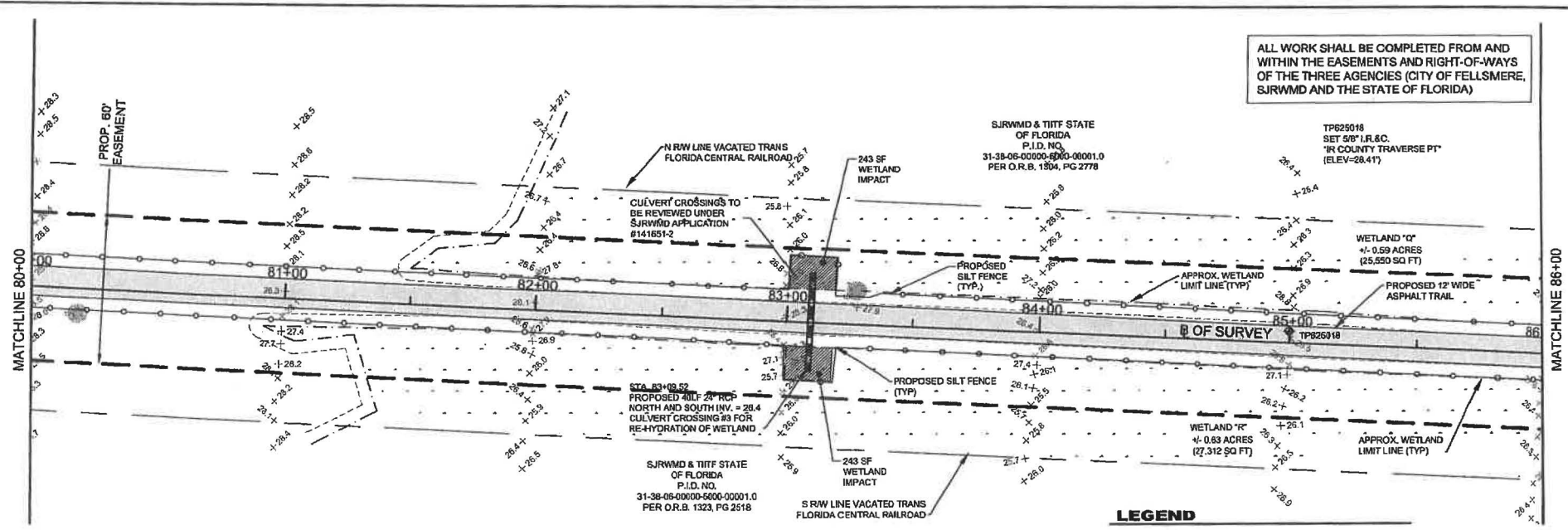
MBV ENGINEERING, INC.
 1835 20TH STREET
 VERO BEACH, FL 32980
 PH. (772) 569-0035
 FX. (772) 778-3617

NOMA BOWLES VILLANAR & ASSOCIATES
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HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION
 INDIAN RIVER COUNTY FLORIDA

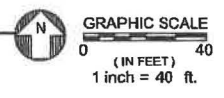
PLAN AND PROFILE	SHEET
	C19
DATE:	21-0311

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)



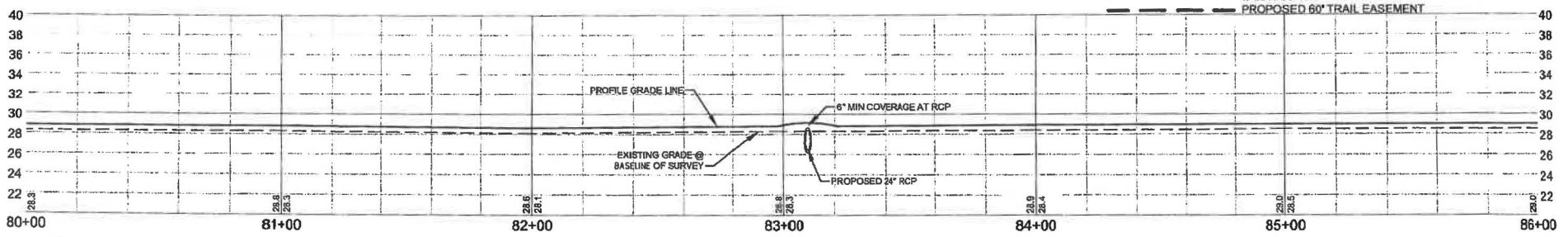
TRAIL PLAN

SCALE: 1" = 40'



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 VACATED 100' R/W LINE
 - PROPOSED 60' TRAIL EASEMENT



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

REVISIONS	DATE	ISS NO.
DESIGNED		21-0311
DRAWN		SS
CHECKED	DEC. 2022	AS
PER PPL COMMENTS	12/14/2022	
PER FPCP RAI #1 COMMENTS	09/09/2022	
PER SJRWMD FIELD INSPECTION	10/25/2022	

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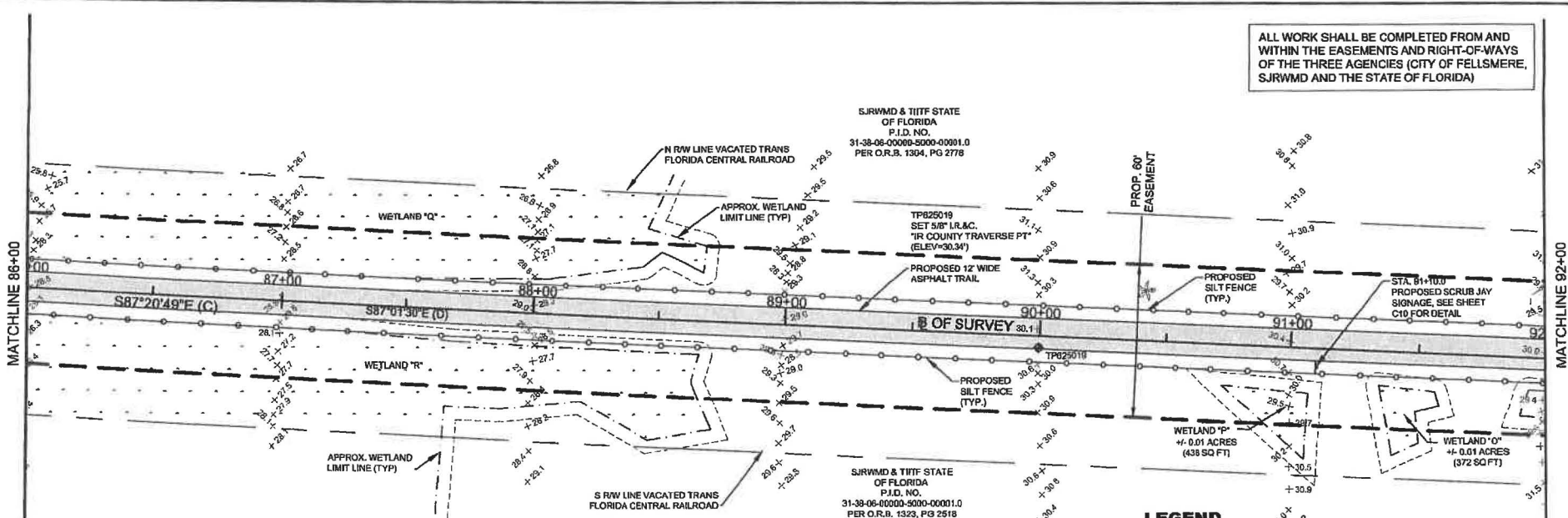
MIDA BOWLES VILLAMIZAR & ASSOCIATES
CONSULTING ENGINEERING CA #3720
MELBOURNE, FL - PH (321) 253-1510
FT. PIERCE, FL - PH (772) 498-9555

HISTORIC TRANS-FLORIDA RAIL
TRAIL EXTENSION

INDIAN RIVER COUNTY FLORIDA

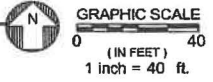
PLAN AND PROFILE	SHEET
	C20
DATE:	21-0311

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)



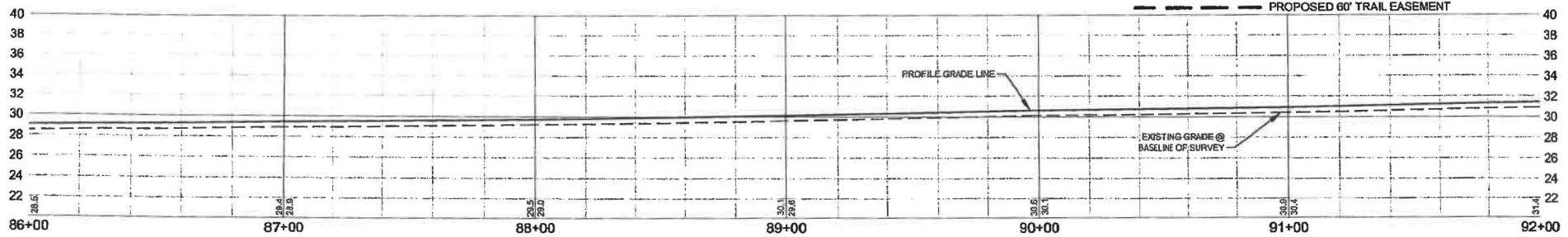
TRAIL PLAN

SCALE: 1" = 40'



NOTE:
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- LEGEND**
- PROPOSED PAVED TRAIL
 - EXISTING WETLAND
 - EXISTING WETLAND BOUNDARY
 - WETLAND BUFFER
 - PROPOSED SILT FENCE
 - EXISTING VACATED 100' R/W LINE
 - PROPOSED 60' TRAIL EASEMENT



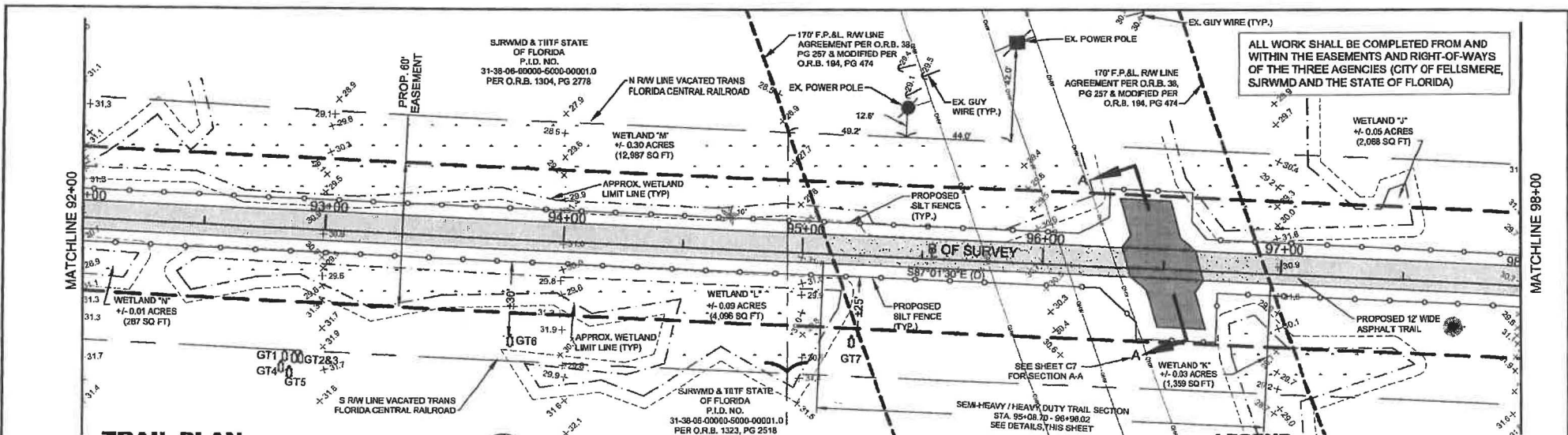
HORZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'

REVISIONS	DATE	JOB NO.
DESIGNED	11/20/11	21-2011
DRWN	11/20/11	
DATE	DEC. 2011	
PER FPL COMMENTS	12/14/2012	
PER FPL COMMENTS	08/09/2012	
PER SJRWMD FIELD INSPECTION	10/23/2012	

MBV ENGINEERING, INC.
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CONSULTING ENGINEERING CA 0378
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FT. PIERCE, FL - PH (772) 488-9035

HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION
INDIAN RIVER COUNTY
FLORIDA

PLAN AND PROFILE	SHEET C21
DATE	2/4/011



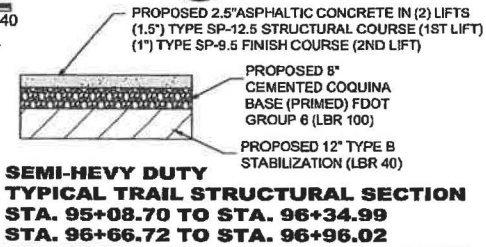
ALL WORK SHALL BE COMPLETED FROM AND WITHIN THE EASEMENTS AND RIGHT-OF-WAYS OF THE THREE AGENCIES (CITY OF FELLSMERE, SJRWMD AND THE STATE OF FLORIDA)

TRAIL PLAN

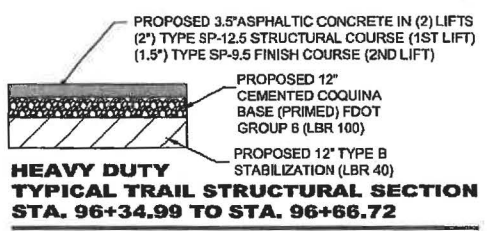
SCALE: 1" = 40'



TYPICAL TRAIL STRUCTURAL SECTION



TYPICAL TRAIL STRUCTURAL SECTION
 STA. 95+08.70 TO STA. 96+34.99
 STA. 96+66.72 TO STA. 96+96.02

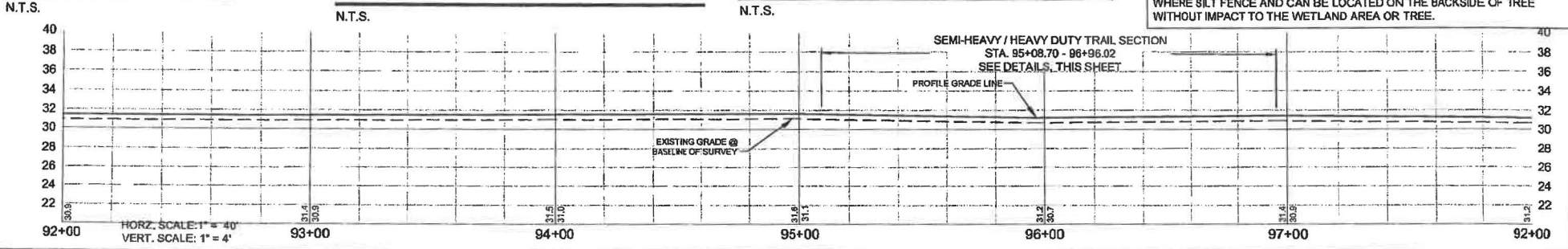


TYPICAL TRAIL STRUCTURAL SECTION
 STA. 96+34.99 TO STA. 96+66.72

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
- GT# 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 CAN BE LOCATED ON THE BACKSIDE OF TREE WITHOUT IMPACT TO THE WETLAND AREA OR TREE.



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

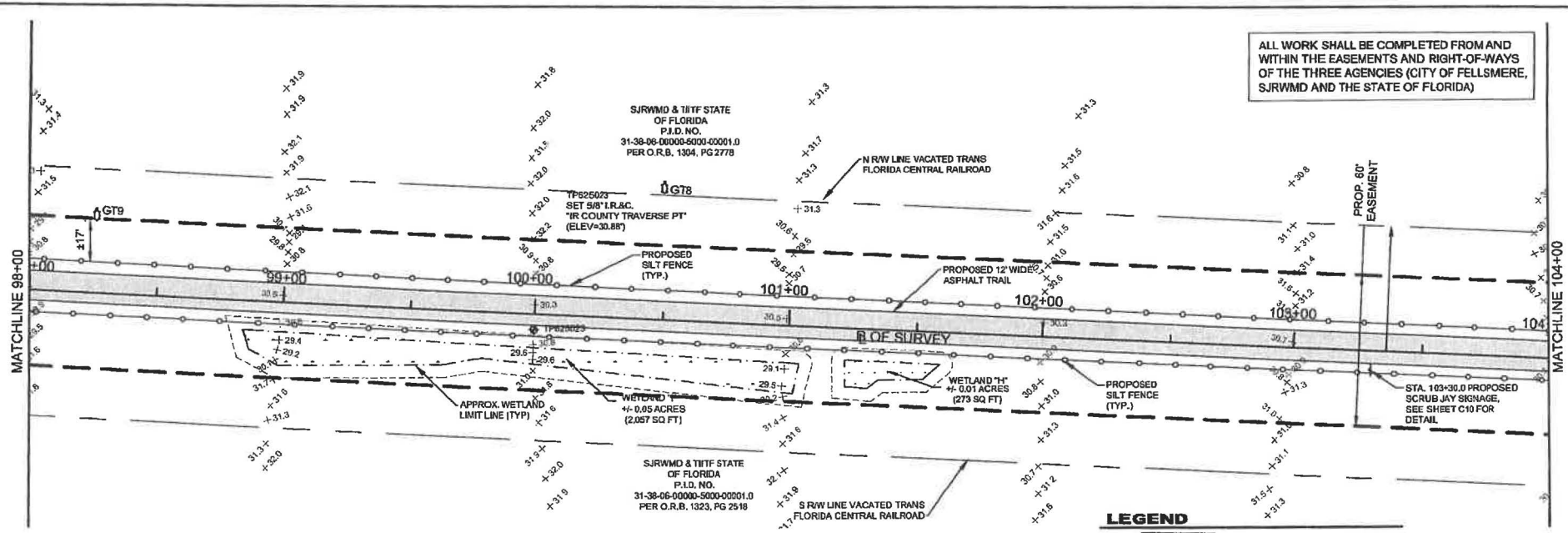
REVISIONS	DATE	JOB NO.
DESIGNED	12/14/2022	21-0311
DRAWN	09/26/2022	
CHECKED	09/26/2022	
DATE ISSUED	12/20/2022	

MBV ENGINEERING, INC.
 1835 20TH STREET
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 FT. PIERCE, FL - PH (772) 484-9056
 CONSULTING ENGINEERING CA 43738

HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION
 INDIAN RIVER COUNTY
 FLORIDA

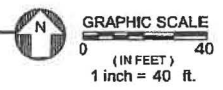
PLAN AND PROFILE	SHEET
	C22
DATE	210311

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

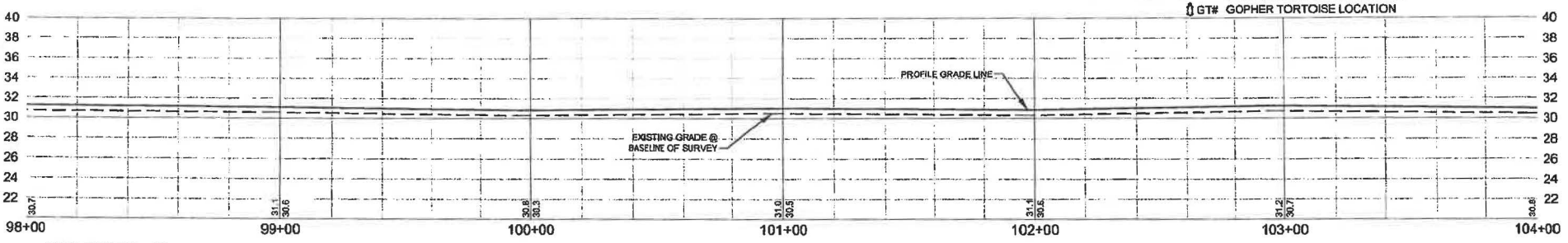
SCALE: 1" = 40'



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
- EXISTING WETLAND BOUNDARY
- WETLAND BUFFER
- PROPOSED SILT FENCE
- EXISTING VACATED 100' R/W LINE
- PROPOSED 80' TRAIL EASEMENT
- Gopher Tortoise Location



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

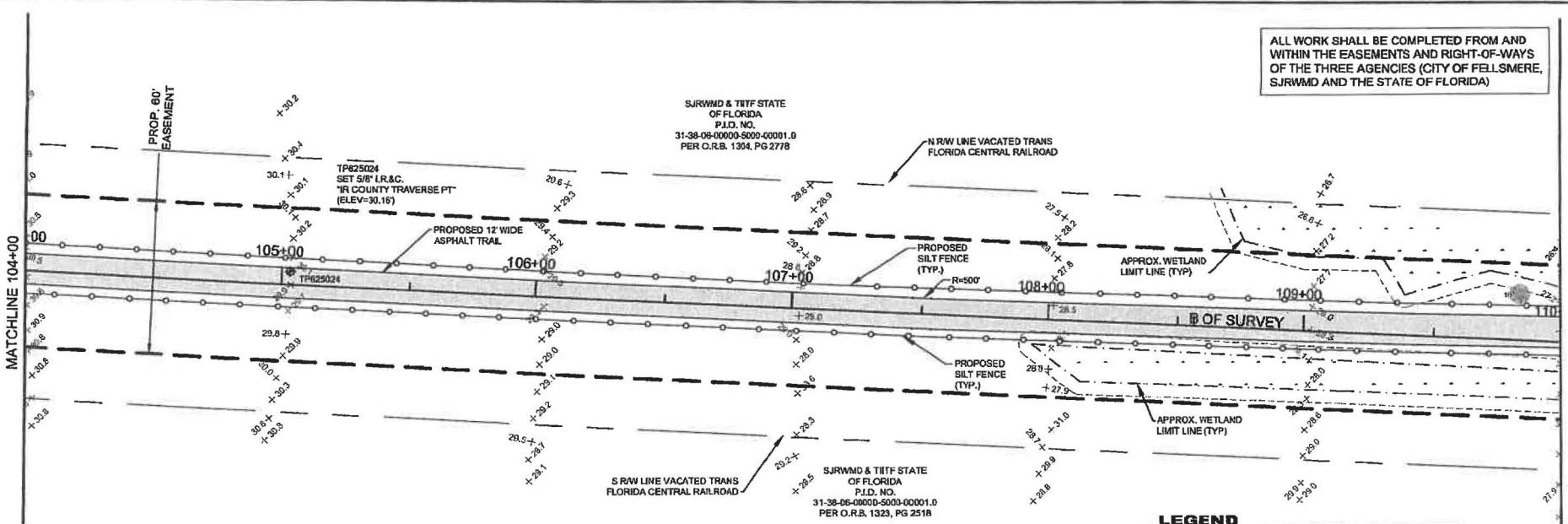
REVISIONS	DATE	JOB NO.
		21-0311
		DESIGNED TH
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		CHECKED AS
		DATE ISSUED 12/20/2022
PER PPL COMMENTS	12/14/2022	
PER PDEP PRA #1 COMMENTS	09/09/2022	
PER SJRWMD FIELD INSPECTION	09/23/2022	

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 1835 20TH STREET
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 FT. PIERCE, FL - PH (772) 469-9662

HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION
 INDIAN RIVER COUNTY FLORIDA

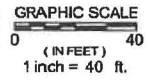
PLAN AND PROFILE
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 DATE 214311

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

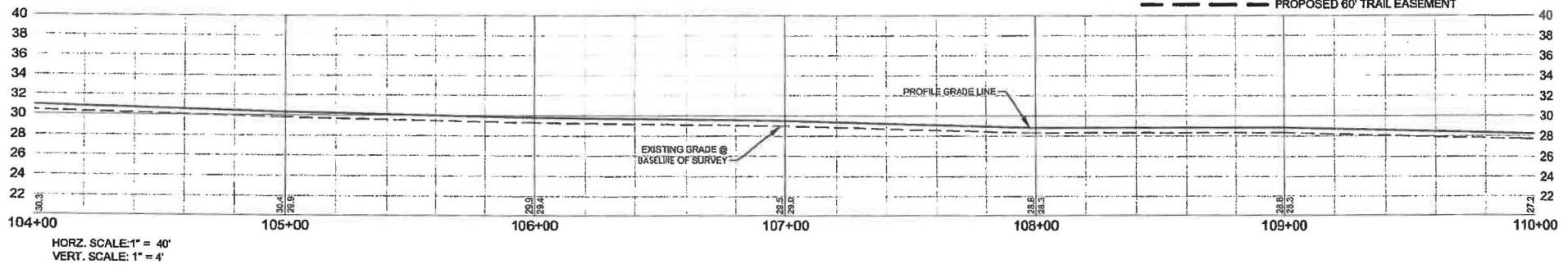
SCALE: 1" = 40'



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
- EXISTING WETLAND BOUNDARY
- WETLAND BUFFER
- PROPOSED SILT FENCE
- EXISTING VACATED 100' R/W LINE
- PROPOSED 60' TRAIL EASEMENT



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

REVISIONS	DATE	JOB NO.
		214311
		DESIGNED TH
		DRAWN SB
		DATE DEC. 2021
		CHECKED AIT
		DATE ISSUED 12/20/2022

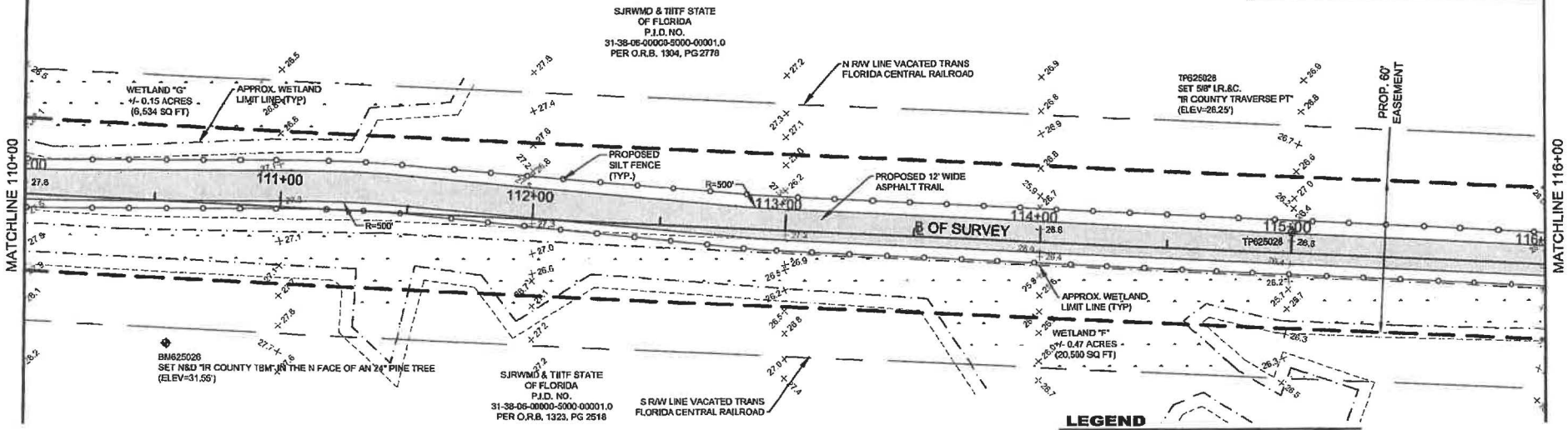
MBV ENGINEERING, INC.
 1835 20TH STREET
 VERO BEACH, FL 32980
 PH: (772) 588-0035
 FX: (772) 778-3817

NOVA BOWLES WILLIAMS & ASSOCIATES
 CONSULTING ENGINEERING, PA 82728
 MELBOURNE, FL - PH (321) 254-510
 FT. PIERCE, FL - PH (772) 484-8655

HISTORIC TRANS-FLORIDA RAIL
 TRAIL EXTENSION
 INDIAN RIVER COUNTY
 FLORIDA

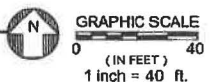
PLAN AND PROFILE	SHEET C24
DATE:	21-0311

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

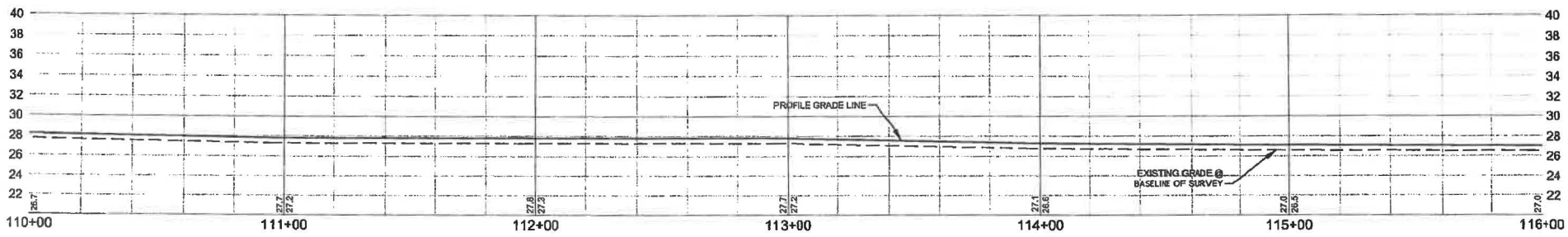
SCALE: 1" = 40'



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
- EXISTING WETLAND BOUNDARY
- WETLAND BUFFER
- PROPOSED SILT FENCE
- EXISTING VACATED 100' R/W LINE
- PROPOSED 60' TRAIL EASEMENT



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

REVISIONS	DATE	JOB NO.
DESIGNED	11/11/2021	21-0311
DRAWN	11/11/2021	
CHECKED	11/11/2021	
DATE ISSUED	12/23/2022	

MBV
ENGINEERING, INC.
 NOVA BOWLES VILLAMIZAR & ASSOCIATES
 CONSULTING ENGINEERING CA #1728

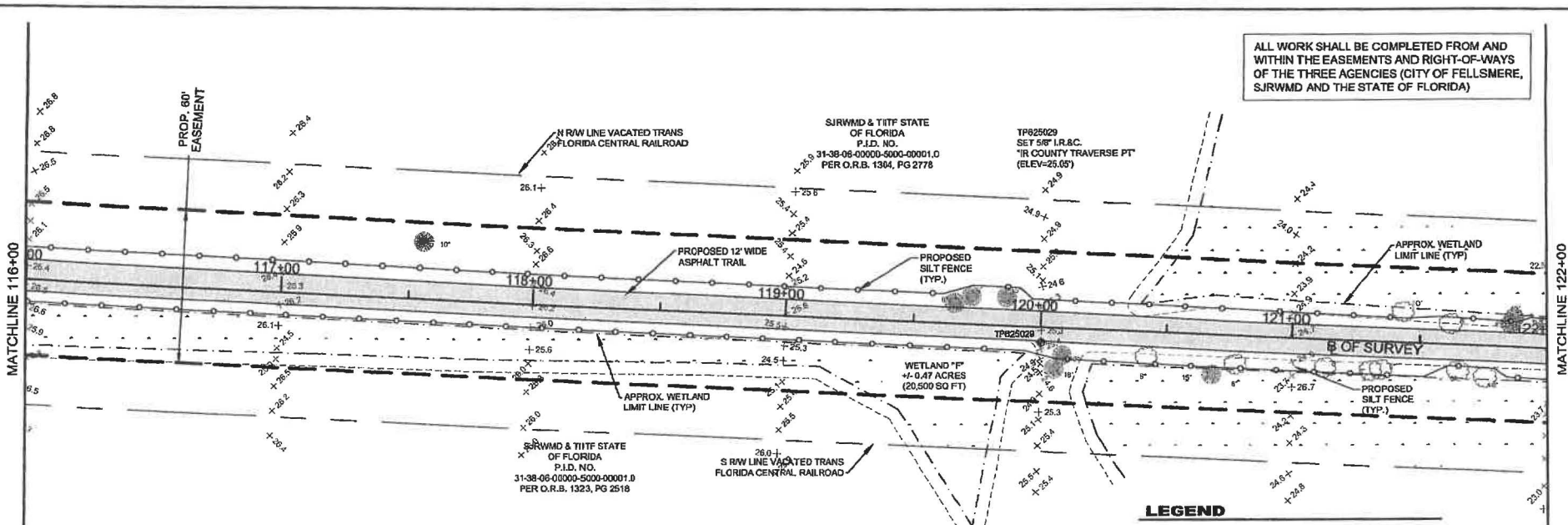
1835 20TH STREET
 VERO BEACH, FL 32960
 PH. (772) 569-0235
 FX. (772) 778-3617
 MELBOURNE, FL - PH (321) 233-1510
 FT. PIERCE, FL - PH (772) 488-9655

HISTORIC TRANS-FLORIDA RAIL
 TRAIL EXTENSION
 INDIAN RIVER COUNTY
 FLORIDA

PLAN AND PROFILE

SHEET
C25
 DATE: 21-0311

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'

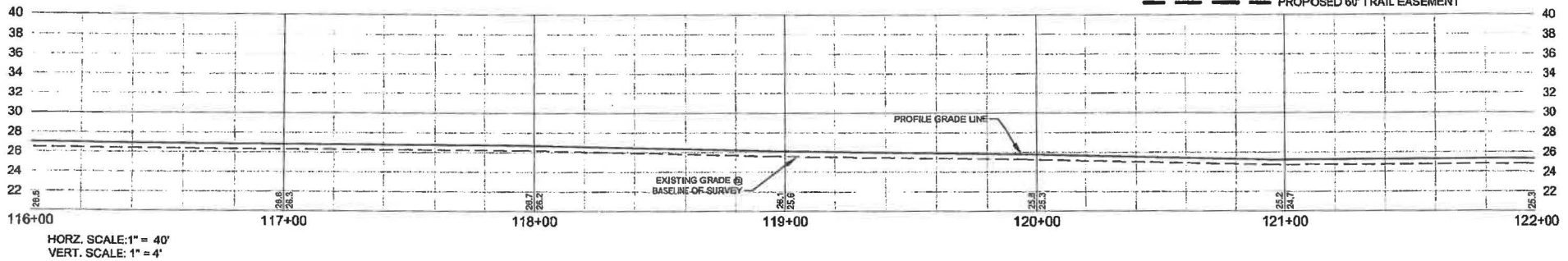


GRAPHIC SCALE
0 40
(IN FEET)
1 inch = 40 ft.

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
- EXISTING WETLAND BOUNDARY
- WETLAND BUFFER
- PROPOSED SILT FENCE
- EXISTING VACATED 100' RW LINE
- PROPOSED 60' TRAIL EASEMENT



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

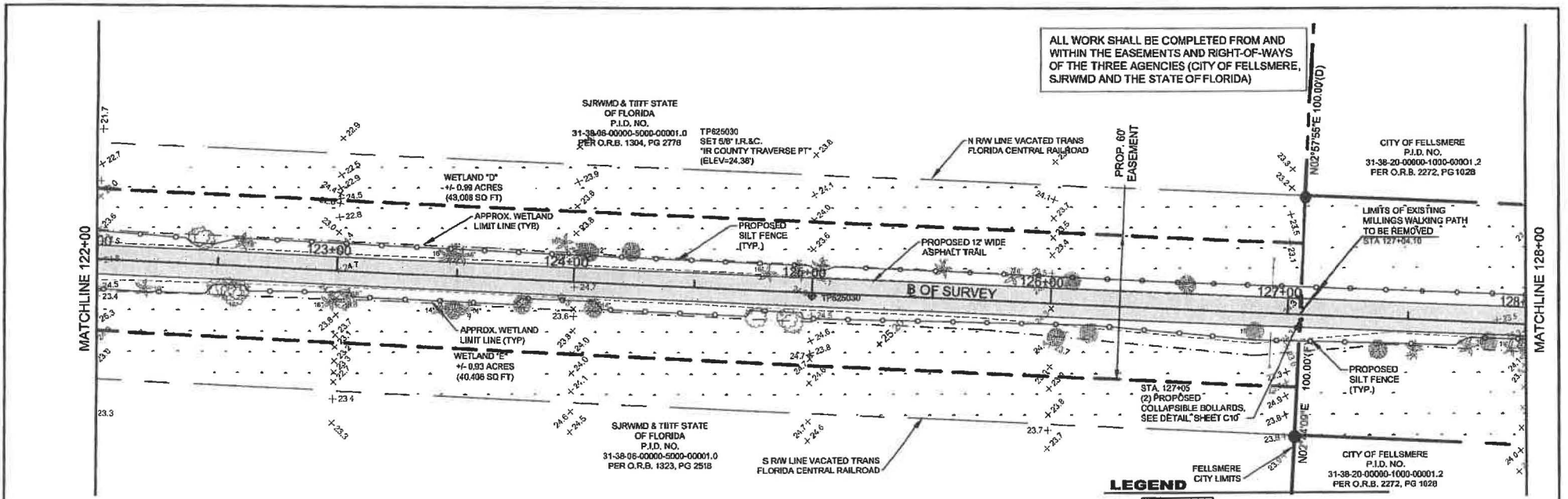
REVISIONS	DATE	JOB NO.
DESIGNED	TH	21-0311
DRAWN	SS	
CHECKED	MS	
DATE	DEC. 2021	
PER FPL COMMENTS	12/14/2022	
PER FEEP RAI #1 COMMENTS	09/29/2022	
PER SJRWMD FIELD INSPECTION	06/23/2022	

MBV ENGINEERING, INC.
1835 20TH STREET
VERO BEACH, FL 32980
PH. (772) 568-0035
FX. (772) 778-3617

MOYA BOWLER VILLAMIZAR & ASSOCIATES
CONSULTING ENGINEERS INC. CA 33726
MELBOURNE, FL - PH (321) 263-1510
FT. PIERCE, FL - PH (772) 489-9655

HISTORIC TRANS-FLORIDA RAIL
TRAIL EXTENSION
INDIAN RIVER COUNTY
FLORIDA

PLAN AND PROFILE	SHEET C26
DATE	21-0311



TRAIL PLAN

SCALE: 1" = 40'



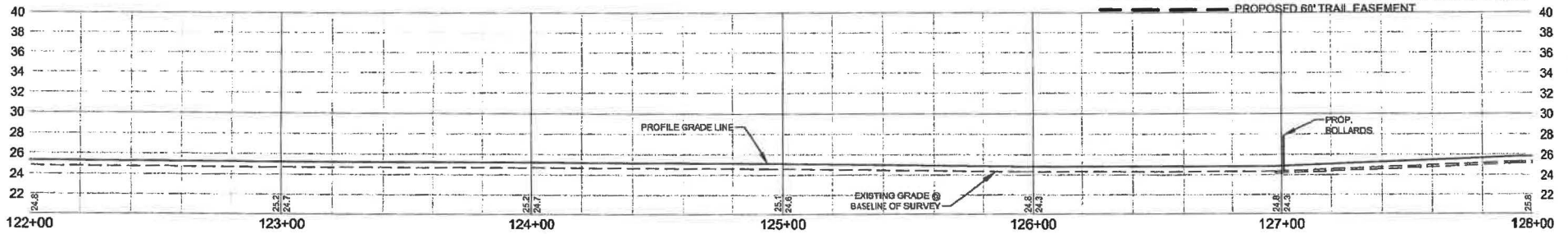
GRAPHIC SCALE
0 (IN FEET) 40
1 inch = 40 ft.

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 CAN BE LOCATED ON THE BACKSIDE OF TREE WITHOUT IMPACT TO THE WETLAND AREA OR TREE.

LEGEND

- PROPOSED PAVED TRAIL
- EXISTING WETLAND
- EXISTING WETLAND BOUNDARY
- WETLAND BUFFER
- PROPOSED SILT FENCE
- EXISTING VACATED 100' RAW LINE
- EXISTING CITY OF FELLSMERE 100' TRAIL EASEMENT
- PROPOSED 60' TRAIL EASEMENT



REVISIONS	DATE	JOB NO.	21-0311
DESIGNED	TH		
DRAWN	SS		
DATE	DEC. 2021		
PER F.P. COMMENTS	01/14/2022	CHECKED	AS
PER FDEP RAJ #1 COMMENTS	09/09/2022		
PER SJRWMD FIELD INSPECTION	09/23/2022	DATE ISSUED	12/29/2022

21-0311	TH	SS	DEC. 2021	AS	12/29/2022
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MBV
ENGINEERING, INC.

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

NOVA BOWLES VILLAMIZAR & ASSOCIATES
CONSULTING ENGINEERING CA 03728

MELBOURNE, FL - PH (321) 233-1510
FT. PIERCE, FL - PH (772) 458-9555

HISTORIC TRANS-FLORIDA RAIL
TRAIL EXTENSION

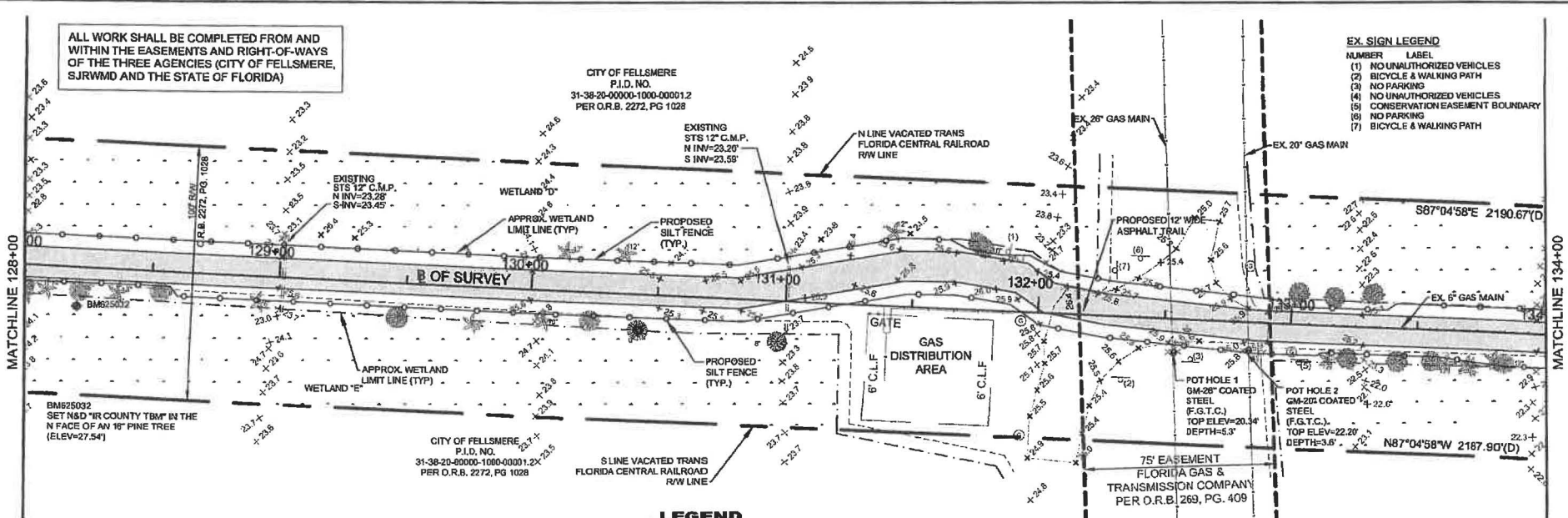
INDIAN RIVER COUNTY

FLORIDA

PLAN AND PROFILE	SHEET
	C27
DATE:	21-0311

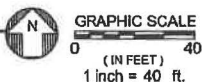
ALL WORK SHALL BE COMPLETED FROM AND WITHIN THE EASEMENTS AND RIGHT-OF-WAYS OF THE THREE AGENCIES (CITY OF FELLSMERE, SJRWMD AND THE STATE OF FLORIDA)

- EX. SIGN LEGEND**
- NUMBER LABEL
 - (1) NO UNAUTHORIZED VEHICLES
 - (2) BICYCLE & WALKING PATH
 - (3) NO PARKING
 - (4) NO UNAUTHORIZED VEHICLES
 - (5) CONSERVATION EASEMENT BOUNDARY
 - (6) NO PARKING
 - (7) BICYCLE & WALKING PATH



TRAIL PLAN

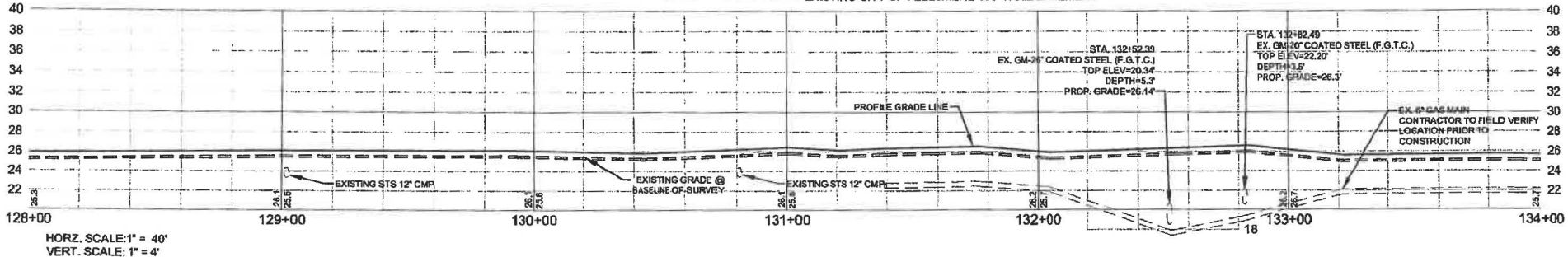
SCALE: 1" = 40'



LEGEND

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

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

REVISIONS	DATE	JOB NO.
DESIGNED		21-0311
DRAWN		SS
CHECKED		AB
PER PPL COMMENTS	12/14/2022	
PER PREP R/W #1 COMMENTS	09/09/2022	
PER SJRWMD FIELD INSPECTOR #1	08/22/2022	

EMBV ENGINEERING, INC.
 1835 20TH STREET
 VERO BEACH, FL 32980
 PH: (772) 569-0005
 FX: (772) 778-3617

MOA BOWLER VILLANAR & ASSOCIATES
 CONSULTING ENGINEERS CA-8328
 MELBOURNE, FL - PH (321) 253-1516
 FT. PIERCE, FL - PH (772) 469-9035

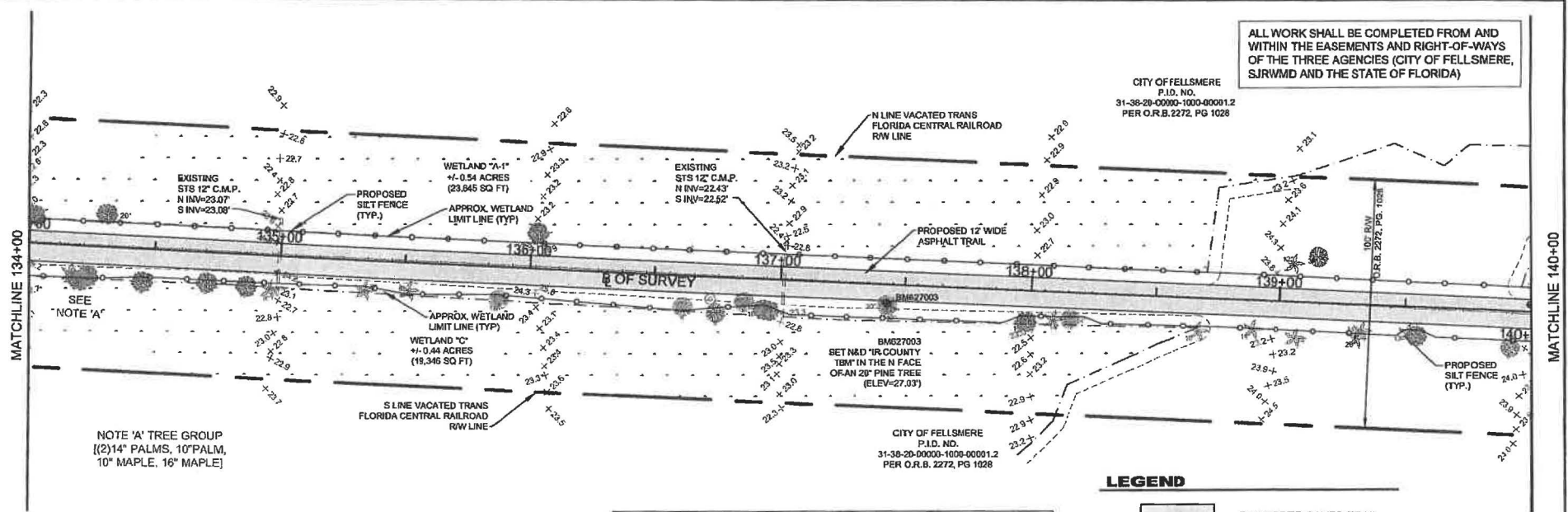
HISTORIC TRANS-FLORIDA RAIL
 TRAIL EXTENSION
 FLORIDA

PLAN AND PROFILE	SHEET C28
DATE	210311

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)

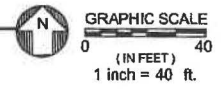
CITY OF FELLSMERE
P.I.D. NO.
31-38-20-0000-1000-00001.2
PER O.R.B. 2272, PG. 1028

CITY OF FELLSMERE
P.I.D. NO.
31-38-20-0000-1000-00001.2
PER O.R.B. 2272, PG. 1028



TRAIL PLAN

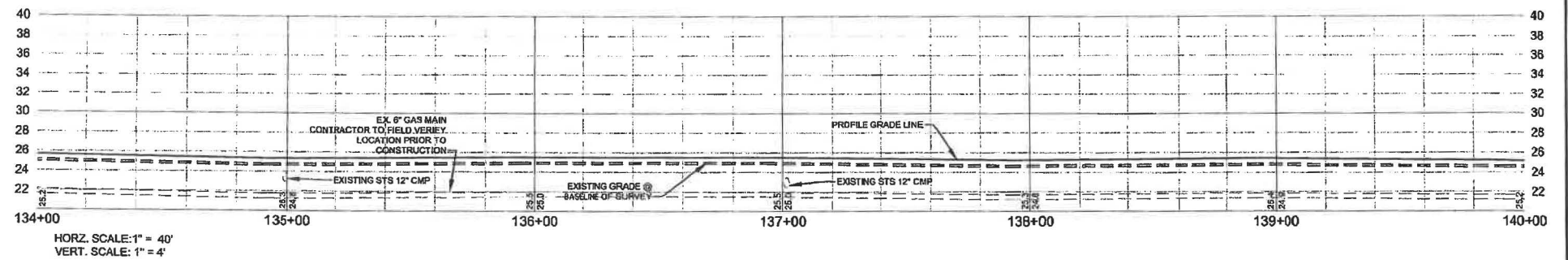
SCALE: 1" = 40'



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



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

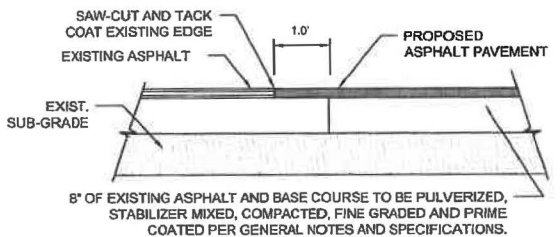
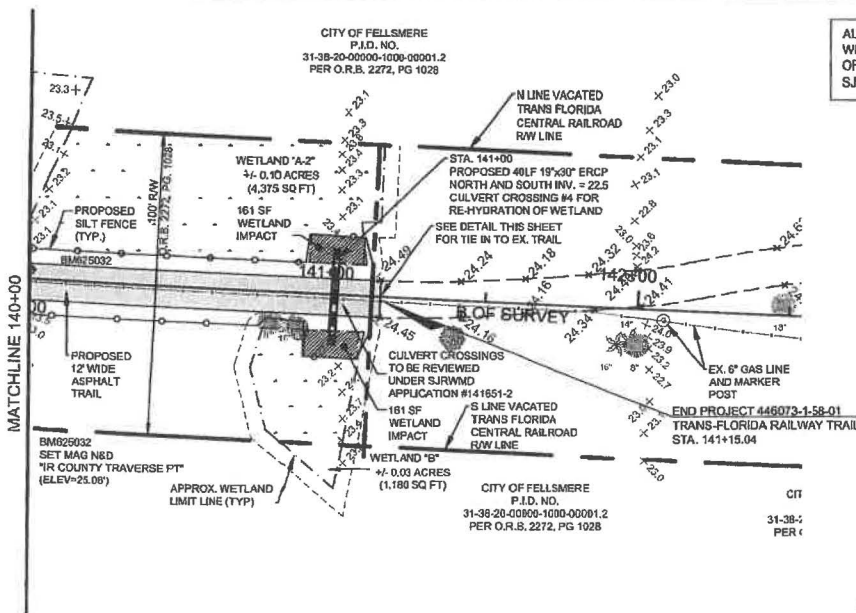
REVISION	DATE	JOB NO.	21-0311
DESIGNED		TH	
DRAWN		SS	
CHECKED		AM	
DATE ISSUED	12/20/2022		

MBV ENGINEERING, INC.
1835 20TH STREET
VERO BEACH, FL 32980
PH: (772) 568-0036
FX: (772) 778-9617
MOMA BOWLES WILLIAMS & ASSOCIATES
CONSULTING ENGINEERS CA 90728
MELBOURNE, FL - PH (321) 283-1510
FT. PIERCE, FL - PH (772) 488-8065

HISTORIC TRANS-FLORIDA RAIL TRAIL EXTENSION
INDIAN RIVER COUNTY
FLORIDA

PLAN AND PROFILE		SHEET C29
DATE:	21-03-11	

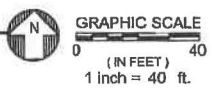
ALL WORK SHALL BE COMPLETED FROM AND WITHIN THE EASEMENTS AND RIGHT-OF-WAYS OF THE THREE AGENCIES (CITY OF FELLSMERE, SJRWMD AND THE STATE OF FLORIDA)



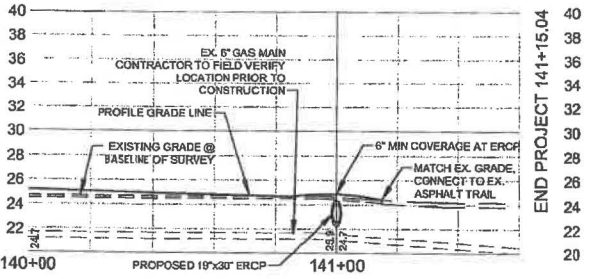
PAVEMENT SAW-CUT AND BUTT JOINT
N.T.S.

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.



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

LEGEND

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

REVISIONS	DATE	JOB NO.	21-0311
DESIGNED	TH		
DRAWN	SS		
DATE	DEC. 2021		
CHECKED	AS		
DATE ISSUED	12/29/2022		



1835 20TH STREET
VERO BEACH, FL 32960
PH. (772) 568-0035
FX. (772) 778-3617

NOVA BOMLER VILLANZARI & ASSOCIATES
CONSULTING ENGINEERING CA #3728
MELBOURNE, FL - PH (321) 253-1910
FT. PIERCE, FL - PH (772) 458-8855

HISTORIC TRANS-FLORIDA RAIL
TRAIL EXTENSION
INDIAN RIVER COUNTY
FLORIDA

PLAN AND PROFILE	SHEET C30
DATE	21-0311



NOTIFICATION OF FPL FACILITIES

Customer/Agency
Developer/Contractor Name
Location of Project
FPL Representative
Developer/Contractor Representative

Date of Meeting/Contact:
Project Number/Name:
City:
Phone:
FPL Work Request #/Work Order #:

FPL calls your attention to the fact that there may be energized, high voltage electric lines, both overhead and underground, located in the area of this project. It is imperative that you visually survey the area and that you also take the necessary steps to identify all overhead and underground facilities prior to commencing construction to determine whether the construction of any proposed improvements will bring any person, tool, machinery, equipment or object closer to FPL's power lines than the OSHA-prescribed limits. If it will, you must either re-design your project to allow it to be built safely given the pre-existing power line location, or make arrangements with FPL to either deenergize and ground our facilities, or relocate them, possibly at your expense. You must do this before allowing any construction near the power lines. It is impossible for FPL to know or predict whether or not the contractors or subcontractors, and their employees, will operate or use cranes, digging apparatus or other mobile equipment, or handle materials or tools, in dangerous proximity to such power lines during the course of construction, and, if so, when and where. Therefore, if it becomes necessary for any contractor or subcontractor, or their employees, to operate or handle cranes, digging apparatus, draglines, mobile equipment, or any other equipment, tools or materials in such a manner that they might come closer to underground or overhead power lines than is permitted by local, state or federal regulations, you and any such contractor or subcontractor must notify FPL in writing of such planned operation prior to the commencement thereof and make all necessary arrangements with FPL in order to carry out the work in a safe manner. Any work in the vicinity of the electric lines should be suspended until these arrangements are finalized and implemented.

The National Electrical Safety Code ("NESC") prescribes minimum clearances that must be maintained. If you build your structure so that those clearances cannot be maintained, you may be required to compensate FPL for the relocation of our facilities to comply with those clearances. As such, you should contact FPL prior to commencing construction near pre-existing underground or overhead power lines to make sure that your proposed improvement does not impinge upon the NESC clearances.

It is your responsibility and the responsibility of your contractors and subcontractors on this project to diligently fulfill the following obligations:

- 1. Make absolutely certain that all persons responsible for operating or handling cranes, digging apparatus, draglines, mobile equipment or any equipment, tool, or material capable of contacting a power line, are in compliance with all applicable state and federal regulations, including but not limited to U.S. Department of Labor OSHA Regulations, while performing their work.
2. Make sure that all cranes, digging apparatus, draglines, mobile equipment, and all other equipment or materials capable of contacting a power line have attached to them any warning signs required by U.S. Department of Labor OSHA Regulations.
3. Post and maintain proper warning signs and advise all employees, new and old alike, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions):

Table with 5 columns: Power Line Voltages, Personnel and Equipment, Cranes and Derricks, Travel under or near Power Lines (on construction sites, no load), and another Travel column. Rows list voltage levels from 0-750 volts to 500,000 volts with corresponding clearance distances in feet.

*When uncertain of the voltage, maintain a distance of 20 feet for voltages up to 350,000 volts and 50 feet for voltages greater than 350,000 volts.
**For personnel approaching insulated secondary conductors less than 750 volts, avoid contact (Maintain 10 Feet to bare energized conductors less than 750 volts). For qualified personnel and insulated aerial lift equipment meeting requirements of 29 CFR 1910.333, distances may be reduced to those shown in 29 CFR 1910.333 Table S-5.

- 4. All excavators are required to contact the Sunshine State One Call of Florida, phone number 1-800-432-4770 or 811 a minimum of two working days (excluding weekends) in advance of commencement of excavation to ensure facilities are located accurately.
5. Conduct all locations and excavations in accordance with the Florida Statute 556 of the Underground Facilities Damage Prevention & Safety Act and all local city and county ordinances that may apply.
6. When an excavation is to take place within a tolerance zone, an excavator shall use increased caution to protect underground facilities. The protection requires hand digging, pot holing, soft digging, vacuum methods, or similar procedures to identify underground facilities.

A copy of this notification must be provided by you to each contractor and subcontractor on this project, to be shared with their supervision and employees prior to commencing work on this project.

Means by which this notification was provided to customer and/or contractor

Address

FPL Representative Signature

Date

Customer/Developer/Contractor Representative Signature

Date