

RESOLUTION NO. 2023- 100

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, APPROVING THE TERMS, CONDITIONS, PROVISIONS, AND REQUIREMENTS OF A CONSTRUCTION AGREEMENT BETWEEN ST. JOHNS COUNTY AND FLORIDA DEPARTMENT OF TRANSPORTATION FOR THE CR2209 SIDEWALK PROJECT; AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO EXECUTE THE CONSTRUCTION AGREEMENT ON BEHALF OF THE COUNTY; PROVIDING INSTRUCTIONS TO THE CLERK OF COURT; PROVIDING AN EFFECTIVE DATE.

RECITALS

WHEREAS, in October 2022, the Board of County Commissioners recognized and appropriated \$800,000 in Florida Department of Transportation (FDOT) grant funds awarded to the County for the CR2209 sidewalk project (Resolution 2022-393); and

WHEREAS, to construct those portions of the CR2209 sidewalk that are within the FDOT right-of-way, FDOT requires the County to enter into a Construction Agreement; and

WHEREAS, the County determines that entering into the Construction Agreement serves a public purpose and is in the interest of the County for the health, safety and welfare of its citizens.

NOW, THEREFORE, be it resolved by the St. Johns County Board of County Commissioners, as follows:

Section 1. The above recitals are hereby adopted as legislative findings of fact and incorporated herein.

Section 2. The Board of County Commissioners of St. Johns County, Florida hereby approves the terms, conditions, provisions, and requirements of the Construction Agreement between St. Johns County and Florida Department of Transportation, and authorizes the County Administrator, or designee, to execute the agreement on behalf of the County, in substantially the same form and format as attached hereto.

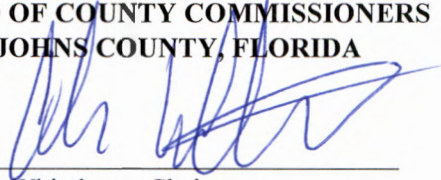
Section 3. The Clerk is instructed to have two (2) copies of the original Construction Agreement executed by the County Administrator, or designee, and mailed to State of Florida Department of Transportation, Attn: Mr. Duane K. Fisher, FDOT Permits Coordinator, 3600 DOT Road, St. Augustine, Florida, 32084.

Section 4. To the extent that there are typographical or administrative errors and/or omissions that do not change the tone, tenor, or concept of this resolution, this Resolution may be revised without subsequent approval by the Board of County Commissioners.

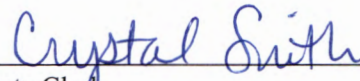
Section 5. This Resolution shall become effective immediately upon its passage and adoption.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 4th day of April, 2023.

**BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA**

By: 
Christian Whitehurst, Chair

ATTEST: Brandon J. Patty,
Clerk of the Circuit Court and Comptroller

By: 
Deputy Clerk

Rendition Date APR 04 2023



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AGREEMENT

Construction Agreement No.: 2023-C-297-00002

THIS CONSTRUCTION AGREEMENT (this "Agreement") is made and entered into by and between the State of Florida, Department of Transportation, (Address) 3600 DOT Rd. St. Augustine, FL 32084 (hereinafter referred to as the "Department") and St. Johns County Public Works ("**See attached Exhibit A - Resolution**") (Address) 2750 Industry Center Road, St. Augustine FL 32084 (hereinafter referred to as the "Construction Coordinator").

WITNESSETH:

WHEREAS, the DEPARTMENT is authorized and required by Section 334.044(13), Florida Statutes, to coordinate the planning, development, and operation of the State Highway System; and

WHEREAS, pursuant to Section 339.282, Florida Statutes, the DEPARTMENT may contract with a property owner to finance, construct, and improve public transportation facilities; and

WHEREAS the Construction Coordinator proposes to construct certain improvements to SR 9B Section 004 Subsections 000 from Begin MP 0.000 to End MP 0.040 Local Name CR 2209/ SR 9B Sidewalk located in Saint John's County (hereinafter referred to as the "Project"); and

WHEREAS the parties desire to enter into this Agreement for the Construction Coordinator to make improvements within the DEPARTMENT'S right of way to construct the Project, which will become the property of the Department upon acceptance of the work.

NOW, THEREFORE, based on the premises above, and in consideration of the mutual covenants contained herein, the parties hereby agree that the construction of the Project shall proceed in accordance with the following terms and conditions:

1. The recitals set forth above are specifically incorporated herein by reference and made a part of this Agreement. The Construction Coordinator is authorized, subject to the conditions set forth herein, to enter the DEPARTMENT'S right of way to perform all activities necessary for the construction of CR 2209/SR 9B Sidewalk Replacement, **more specifically described in Exhibit B (special provisions), and Exhibit C (Construction Plans).**

2. The Project shall be designed and constructed in accordance with the latest edition of the DEPARTMENT'S Standard Specifications for Road and Bridge Construction and DEPARTMENT Design Standards and Manual of Uniform Traffic Control Devices ("MUTCD"). The following guidelines shall apply as deemed appropriate by the DEPARTMENT: the DEPARTMENT Structures Design Manual, AASHTO Guide Specifications for the Design of Pedestrian Bridges, AASHTO LRFD Bridge Design Specifications, the DEPARTMENT Plans Preparation Manual ("PPM") Manual for Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (the "Florida Green Book") and the DEPARTMENT Traffic Engineering Manual. The Construction Coordinator will be required to submit any construction plans required by the DEPARTMENT for review and approval prior to any work being commenced. Should any changes to the plans be required during construction of the Project, the Construction Coordinator shall be required to notify the DEPARTMENT of the changes and receive approval from the DEPARTMENT prior to the changes being constructed. The Construction Coordinator shall always maintain the area of the project and coordinate any work needs of the DEPARTMENT during construction of the project.

3. The Construction Coordinator shall notify the DEPARTMENT a minimum of 48 hours before beginning construction within DEPARTMENT right of way. The Construction Coordinator shall notify the DEPARTMENT should construction be suspended for more than 5 working days.

4. Pursuant to Section 7-13 of the DEPARTMENT Standard Specifications, the Construction Coordinator is required to possess a general liability insurance naming the DEPARTMENT as an additional insured and insuring the DEPARTMENT and the Construction Coordinator against any and all claims for injury or damage to persons and property, and for the loss of life or property that may occur (directly or indirectly) by reason of the Construction Coordinator accessing DEPARTMENT right of way and the Construction Coordinator's performance of the Project. Such amount shall be carried in a minimum amount of not less than One Million and 00/100 Dollars (1,000,000.00) for bodily injury or death to any one person or any number of persons in any one occurrence, and not less than Fifty Thousand and 00/100 Dollars (50,000.00) for property damage, or a combined coverage of not less than One Million Fifty Thousand and 00/100 Dollars (1,050,000.00). Additionally, the Construction Coordinator shall supply the DEPARTMENT with a payment and performance bond in the amount of the estimated cost of construction, provided by a surety authorized to do business in the State of Florida, payable to the DEPARTMENT. The bond and insurance shall remain in effect until completion of construction and acceptance by the DEPARTMENT. Prior to commencement of the Project and on such other occasions as the DEPARTMENT may reasonably require, the Construction Coordinator shall provide the DEPARTMENT with certificates documenting that the required insurance coverage is in place and effective. If the Construction Coordinator is a governmental entity, they will be exempt from these requirements.

5. The Construction Coordinator shall be responsible for monitoring construction operations and the maintenance of traffic ("MOT") throughout the course of the project in accordance with the latest edition of the DEPARTMENT Standard Specifications, section 102. The Construction Coordinator is responsible for the development of a MOT plan and making any changes to that plan as necessary. The MOT plan shall be in accordance with the latest version of the DEPARTMENT Design Standards, Index 600 series. Any MOT plan developed by the Construction Coordinator that deviates from the DEPARTMENT Design Standards must be signed and sealed by a professional engineer. MOT plans will require approval by the DEPARTMENT prior to implementation.

6. The Construction Coordinator shall be responsible for locating all existing utilities, both aerial and underground, and for ensuring that all utility locations be accurately documented on the construction plans. All utility conflicts shall be fully resolved directly with the applicable utility.

7. The Construction Coordinator will be responsible for obtaining all permits that may be required by other agencies or local governmental entities.

8. It is hereby agreed by the parties that this Agreement creates a permissive use only and all improvements resulting from this agreement shall become the property of the DEPARTMENT. Neither the granting of the permission to use the DEPARTMENT right of way nor the placing of facilities upon the DEPARTMENT property shall operate to create or vest any property right to or in the Construction Coordinator, except as may otherwise be provided in separate agreements. The Construction Coordinator shall not acquire any right, title, interest, or estate in DEPARTMENT right of way, of any nature or kind whatsoever, by virtue of the execution, operation, effect, or performance of this Agreement including, but not limited to, the Construction Coordinator's use, occupancy, or possession of DEPARTMENT right of way. The parties agree that this Agreement does not, and shall not be construed to, grant credit for any future transportation concurrency requirements pursuant to chapter 163, Florida Statutes.

9. The Construction Coordinator shall provide Construction Engineering and Inspection (CEI) for both Quality Assurance and Verification required by FDOT. CEI shall perform all required testing associated with the design and construction of the project. Testing results shall be made available to the DEPARTMENT upon request. The DEPARTMENT shall have the right to perform its own independent testing during the Project.

10. The Construction Coordinator shall exercise the rights granted herein and shall otherwise perform this Agreement in a good and workmanlike manner, with reasonable care, in accordance with the terms and provisions of this Agreement and all applicable federal, state, local, administrative, regulatory, safety and environmental laws, codes, rules, regulations, policies, procedures, guidelines, standards and permits, as the same may be constituted and amended from time to time, including, but not limited to, those of the DEPARTMENT, applicable Water Management District, Florida Department of Environmental Protection, Environmental Protection Agency, the Army Corps of Engineers, the United States Coast Guard and local governmental entities.

11. If the DEPARTMENT determines a condition exists which threatens the public's safety, the DEPARTMENT may, at its discretion, cause construction operations to cease and immediately have any potential hazards removed from its right of way at the sole cost, expense, and effort of the Construction Coordinator. The Construction Coordinator shall bear all construction delay costs incurred by the DEPARTMENT.

12. All work and construction shall be completed within 365 days of the date of the last signature affixed to this agreement. If construction is not completed within this time, the DEPARTMENT may make a claim on the bond. The DEPARTMENT may terminate this Agreement at any time, with or without cause and without DEPARTMENT liability to the Construction Coordinator, by providing sixty (60) days prior written notice of termination to the Construction Coordinator.

13. The Construction Coordinator shall be responsible to maintain and restore all features that might require relocation within the DEPARTMENT right of way.

14. The Construction Coordinator will be responsible for clean up or restoration required to correct any environmental or health hazards that may result from construction operations.

15. Upon completion of construction, the Construction Coordinator will be required to submit to the DEPARTMENT final as-built plans and an engineering certification that construction was completed in accordance to the plans. Prior to the termination of this Agreement, the Construction Coordinator shall remove its presence, including, but not limited to, all of the Construction Coordinator's property, machinery, and equipment from DEPARTMENT right of way and shall restore those portions of DEPARTMENT right of way disturbed or otherwise altered by the Project to substantially the same condition that existed immediately prior to the commencement of the Project.

16. If the DEPARTMENT determines that the Project is not completed in accordance with the provisions of this Agreement, the DEPARTMENT shall deliver written notification of such to the Construction Coordinator. The Construction Coordinator shall have thirty (30) days from the date of receipt of the DEPARTMENT'S written notice, or such other time as the Construction Coordinator and the DEPARTMENT mutually agree to in writing, to complete the Project and provide the DEPARTMENT with written notice of the same (the "Notice of Completion"). If the Construction Coordinator fails to timely deliver the Notice of Completion, or if it is determined that the Project is not properly completed after receipt of the Notice of Completion, the DEPARTMENT, within its discretion may: 1) provide the Construction Coordinator with written authorization granting such additional time as the DEPARTMENT deems appropriate to correct the deficiency(ies); or 2) correct the deficiency(ies) at the Construction Coordinator's sole cost and expense, without DEPARTMENT liability to the Construction Coordinator for any resulting loss or damage to property, including, but not limited to, machinery and equipment. If the DEPARTMENT elects to correct the deficiency(ies), the DEPARTMENT shall provide the Construction Coordinator with an invoice for the costs incurred by the DEPARTMENT and the Construction Coordinator shall pay the invoice within thirty (30) days of the date of the invoice.

17. Nothing in this Agreement shall be deemed or otherwise interpreted as waiving the DEPARTMENT'S sovereign immunity protections, or as increasing the limits of liability as set forth in Section 768.28, Florida Statutes. The DEPARTMENT'S liability for breach of this Agreement is limited in amount and shall not exceed the limitations of liability for tort actions as set forth in Section 768.28(5), Florida Statutes.

18. All formal notices, proposed changes, and determinations between the parties hereto and those required by this Agreement, including, but not limited to, changes to the notification addresses set forth below, shall be in writing and shall be sufficient if mailed by regular United States mail, postage prepaid, to the parties at the contact information listed below.

19. The Construction Coordinator shall not cause any liens or encumbrances to attach to any portion of DEPARTMENT right of way.

20. This Agreement shall be governed by the laws of the State of Florida in terms of interpretation and performance. Venue for any and all actions arising out of or in any way related to the interpretation, validity, performance or breach of this Agreement shall lie exclusively in a state court of appropriate jurisdiction in Leon County, Florida.

21. The Construction Coordinator may not assign, pledge, or transfer any of the rights, duties and obligations provided in this Agreement without the prior written consent of the DEPARTMENT'S District Secretary or his/her designee. The DEPARTMENT has the sole discretion and authority to grant or deny proposed assignments, with or without cause. Nothing herein shall prevent the construction Coordinator from delegating its duties hereunder, but such delegation shall not release the Construction Coordinator from its obligation to perform this Agreement.

22. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors

and assigns. Nothing in this Agreement is intended to confer any rights, privileges, benefits, obligations or remedies upon any other person or entity except as expressly provided for herein.

23. This instrument, together with the attached exhibits and documents made part hereof by reference, contain the entire agreement of the parties and no representations or promises have been made except those that are specifically set out in this Agreement. All prior and contemporaneous conversations, negotiations, possible and alleged agreements and representations, covenants, and warranties with respect to the subject matter of this Agreement, and any part hereof, are waived, merged herein and superseded hereby.

24. By their signature below, the parties hereby acknowledge the receipt, adequacy and sufficiency of consideration provided in this Agreement and forever waive the right to object to or otherwise challenge the same.

25. The failure of either party to insist on one or more occasions on the strict performance or compliance with any term or provision of this Agreement shall not be deemed a waiver or relinquished in the future of the enforcement thereof, and it shall continue in full force and effect unless waived or relinquished in writing by the party seeking to enforce the same.

26. No term or provision of this Agreement shall be interpreted for or against any party because that party or that party's legal representative drafted the provision.

27. If any section, paragraph, clause or provision of this Agreement is adjudged by a court, agency or authority of competent jurisdiction to be invalid, illegal or otherwise unenforceable, all remaining parts of this Agreement shall remain in full force and effect and the parties shall be bound thereby so long as principle purposes of this Agreement remain enforceable.

28. A modification or waiver of any of the provisions of this Agreement shall be effective only if made in writing and executed with the same formality as this Agreement.

29. The Construction Coordinator agrees to promptly indemnify, defend, save and hold harmless the DEPARTMENT and all of its officers, agents and employees from and pay all demands, claims, judgments, liabilities, damages, fines, fees, taxes, assessments, penalties, costs, expenses, attorneys' fees and suits of any nature or kind whatsoever caused by, or arising out of or related to the performance or breach of this Agreement by the Construction Coordinator, including, without limitation, performance of the Project within the DEPARTMENT'S right of way. The term "liabilities" shall specifically include, without limitation, any act, action, neglect or omission by the Construction Coordinator, its officers, agents, employees or representatives in any way pertaining to this Agreement, whether direct or indirect, except that neither the Construction Coordinator nor any of its officers, agents, employees or representatives will be liable under this provision for damages arising out of injury or damages directly caused or resulting from the sole negligence, intentional or wrongful acts of the DEPARTMENT or any of its officers, agents or employees. The Construction Coordinator shall notify the DEPARTMENT in writing immediately upon becoming aware of such liabilities. The Construction Coordinator's inability to evaluate liability, or its evaluation of liability, shall not excuse performance of the provisions of this paragraph. The indemnities assumed by the Construction Coordinator shall survive termination of this Agreement. The insurance coverage and limits required in this Agreement may or may not be adequate to protect the DEPARTMENT and such insurance coverage shall not be deemed a limitation on the Construction Coordinator's liability under the indemnities granted to the DEPARTMENT in this Agreement.

30. Construction Coordinator:

- (1) shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Construction Coordinator during the term of the contract; and
- (2) shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

CONSTRUCTION COORDINATOR CONTACT INFORMATION

Name Benjamin Bright Title Deputy Director of Public Works
Office No. 904.209.0252 Cell _____ Email bbright@sicfl.us

Name Duane Kent Title County Engineer
Office No. 904.209.0120 Cell _____ Email rkent@sicfl.us

Mail Address 2750 Industry Center Rd.

IN WITNESS WHERE OF, Construction Coordinator and the DEPARTMENT have executed this Agreement for the purposes herein expressed on the dates indicated below.

CONSTRUCTION COORDINATOR

DEPARTMENT OF TRANSPORTATION

By: _____ (Signature)
Benjamin Bright _____ (Print Name)
Deputy Director of Public Works _____ (Title)
_____ (Date)

By: _____ (Signature)
Carrie Stanbridge _____ (Print Name)
District Maintenance Engineer _____ (Title)
_____ (Date)

Legal Viewer:

Exhibit A

Resolution

Exhibit B

SPECIAL PROVISIONS:

- Robert White is the Permits Inspector for this permit. Please contact Robert a minimum of 48 hours prior to beginning construction and immediately upon completion of the construction. Robert can be reached via email only. His work schedule is Tuesday – Friday, 7:00 am – 5:30 pm. Robert.white@dot.state.fl.us
- Coordination with Local Asset Maintenance Contractor – Jorgenson (Pearl 904.537.1880 / Pearl_Barrientos@royjorgensen.com) & Jacksonville Maintenance (Preston Franklin Preston.Franklin@dot.state.fl.us or (904) 360-5640 /Rob miller robert.miller@dot.state.fl.us or 904-360-5613) required prior to initiating construction.
- All work performed within the Department’s right-of-way shall conform to the most current edition of the following publications:
 - Standard Specifications for Road and Bridge Construction (English).
 - FDOT Standards Index (English)
 - FDOT Plans Prep Manual
 - FDOT Flexible Pavement Design Manual for New Construction and Pavement Rehabilitation (Should a conflict arise between the details shown in the plans and the Department of Transportation Standards the Engineer/Applicant shall immediately confer with the Department’s engineer to resolve the discrepancy.)
- All disturbed areas with the Department’s right-of-way shall be restored to original or better condition by grading and sodding the area disturbed (Bermuda in urban, Bahia in rural).
- Burning of any material or debris is prohibited in FDOT right-of-way.
- All lanes must be opened for traffic during an evacuation notice of a hurricane or other catastrophic event and shall remain open for the duration of the evacuation or event.
- Lane closures associated to the permitted work shall be submitted for review and approval via the St. Augustine Permits Office. Please contact the assigned Inspector / Coordinator that is on page two of the approved permit. Lane closures shall be submitted one week in advance and due no later than by Wednesday at 5:00 pm.

- Lane Closure Template:

Please send the information below to the assigned FDOT Inspector/Coordinator the week prior to the proposed closure for review and approval. All requests need to be submitted by Wednesday at 5:00 the week prior. Late submittals will not be approved. Any questions/concerns, please contact the St. Augustine Permits Office at 904-825-5036.

Permit Number:

County:

Road Name:

Nearest Cross Street:

What Direction:

What lane:

Start Date:

End Date:

Start Time:

End Time:

Reason for closure:

Point of Contact:

Company:

Mobile Number:

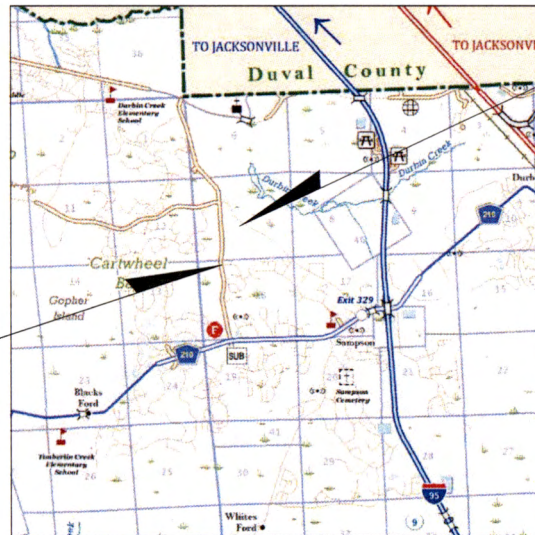
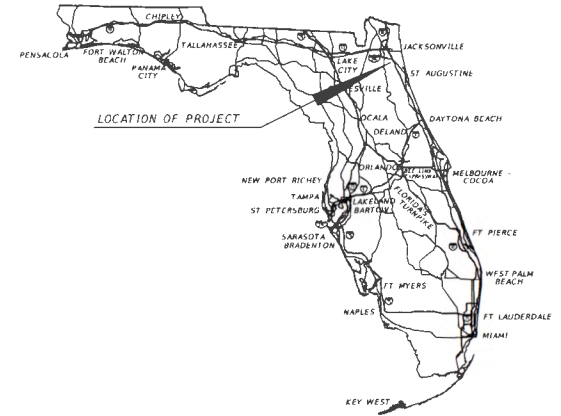
Exhibit C
Plans

CR2209 SIDEWALK IMPROVEMENTS

ST. JOHNS COUNTY

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
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17 - 25	CROSS SECTIONS
26 - 28	STORMWATER POLLUTION PREVENTION PLAN
29	TRAFFIC CONTROL GENERAL NOTES



BEGIN PROJECT
STA. 300+40.95
@ SURVEY CR 2209

END PROJECT
STA. 424+44.70
@ SURVEY SR 9B

ROADWAY PLANS
ENGINEER OF RECORD:

MATTHEW S. MAGGIORE, P.E.
P.E. LICENSE NUMBER 55371
ENGLAND-THIMS & MILLER, INC
14775 OLD ST. AUGUSTINE RD.
JACKSONVILLE, FLORIDA 32258
REGISTRY 2584

ST. JOHNS COUNTY
PROJECT MANAGER:

JASON SPARKS, P.E.

FINAL PLANS
MARCH 2023

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2022-23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

APPLICABLE IRs: IR - -

Standard Plans for Bridge Construction are included in the Structures Plans Component

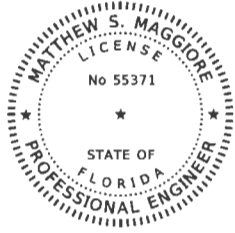
GOVERNING STANDARD SPECIFICATIONS:

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

SHEET
NO.

1

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:



ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED
IN THE ELECTRONIC DOCUMENTS.

ENGLAND-THIMS & MILLER, INC.
14775 Old St. Augustine Road
Jacksonville, FL 32258
TEL: (904) 642-8990
CA - 00002584 LC - 0000316
MATTHEW S. MAGGIORE, P.E.
P.E. LICENSE NO. 55371

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.003, F.A.C.

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	TYPICAL SECTION
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29	TRAFFIC CONTROL GENERAL NOTES

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE, DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ETM
ENGLAND-THIMS & MILLER, INC.
14775 Old St. Augustine Road
Jacksonville, FL 32258
TEL: (904) 642-8990
FAX: (904) 642-8993
Registry - 3544 LC - 0000316

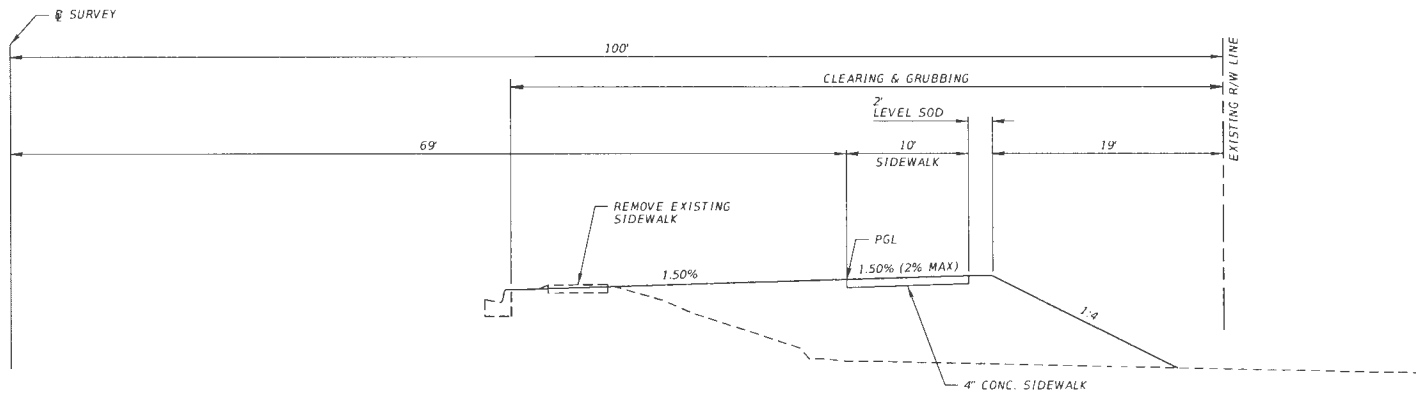
MATTHEW S. MAGGIORE License No. 55371

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

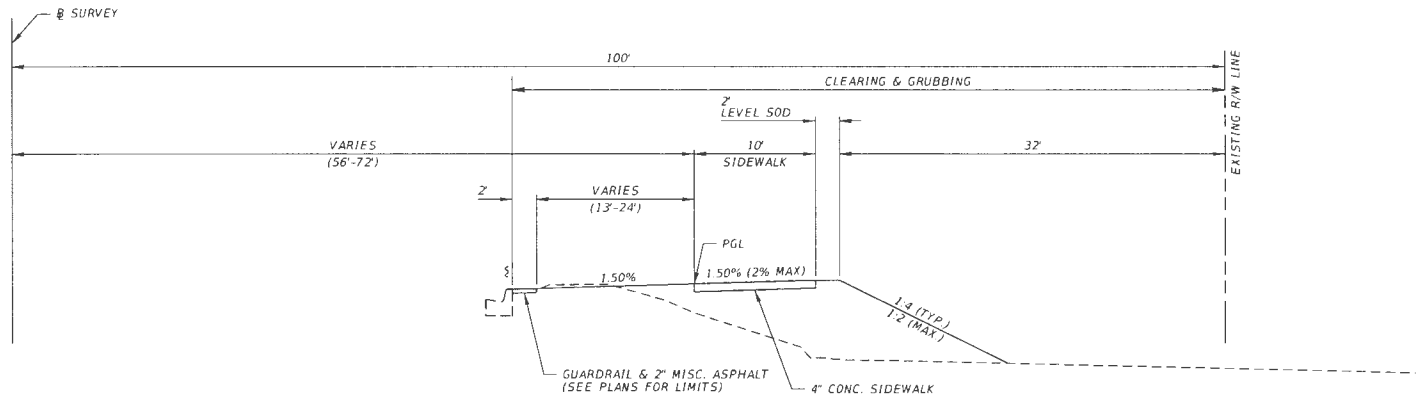
CR 2209 SIDEWALK IMPROVEMENTS	
SIGNATURE SHEET	

SHEET NO.
2

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TYPICAL SECTION 1
 STA. 300+40.95 TO STA. 306+34.55



TYPICAL SECTION 2
 STA. 306+34.55 TO STA. 307+85.43
 STA. 310+88.52 TO STA. 413+07.45

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ETM Engineering, Planning & Survey, Inc.
 11775 Old St. Augustine Road
 Jacksonville, FL 32216
 TEL: (904) 842-8882
 FAX: (904) 842-8885
 Highway - 2544 LC - 3000114
 License No. 55371
MATTHEW S. MAGGIORE

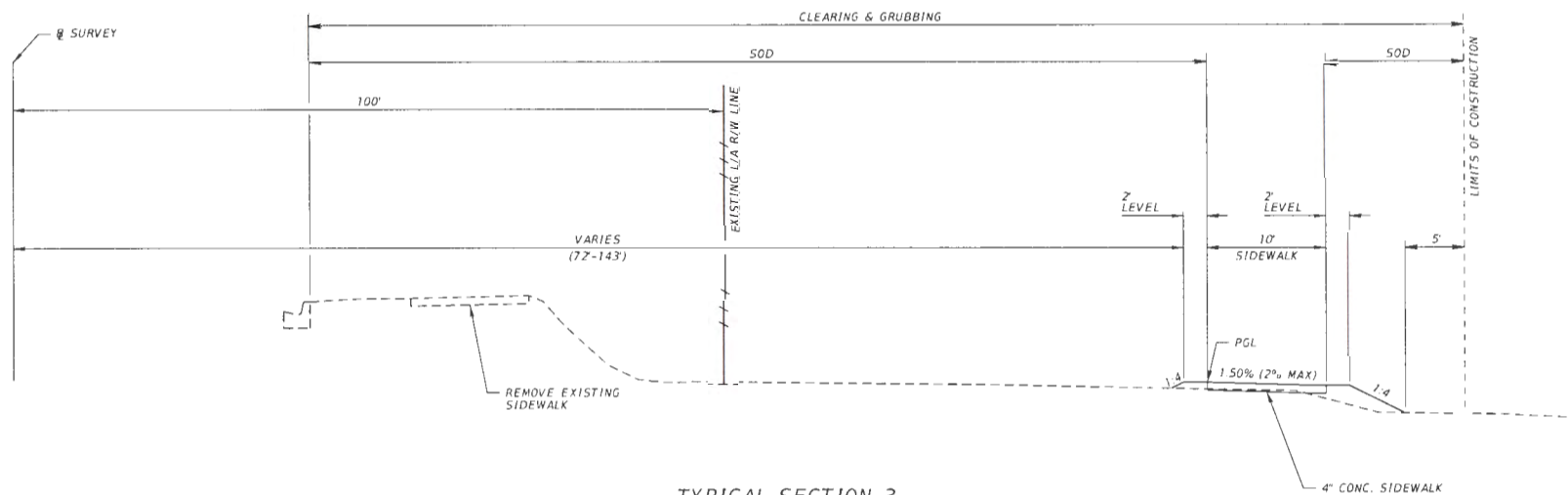
St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 Sidewalk Improvements
TYPICAL SECTIONS

SHEET NO.
3

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61B15-23.004, F.A.C.

3/13/2023 3:07:09 PM "mace" T:\2021\22-141-01\22-141-01\Drawings\DWG\CR2209\CR2209-01.dwg PLOT: 11/22 - Plan 2



TYPICAL SECTION 3
 STA. 307+85.43 TO STA. 310+88.52
 STA. 413+07.45 TO STA. 424+44.70

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ETM
 Engineering & Planning
 1175 Old St. Augustine Road
 Jacksonville, FL 32206
 TEL: (904) 842-8888
 FAX: (904) 842-8888
 (Regulatory - 2084 LC - 0000218)
 MATTHEW S. MAGGIORE License No. 55371

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
TYPICAL SECTIONS

SHEET NO.
4

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE. DIGITALLY SIGNED AND SEALED NUMBER: RULE 151G(6)-23 7004... F.A.C.

GENERAL NOTES AND CONSTRUCTION REQUIREMENTS

- CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING STRUCTURES, IMPROVEMENTS, UTILITIES (DOTH OVERHEAD AND UNDERGROUND), PROPERTY LINES AND CONFIRM ALL PROPOSED DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION OR ORDERING ANY MATERIALS.
- CONTRACTOR IS RESPONSIBLE FOR THE CONTROL OF SEDIMENTATION RUNOFF RESULTING FROM STORM EVENTS DURING THE CONSTRUCTION PHASE. EROSION CONTROL FACILITIES SHOULD BE INSTALLED IMMEDIATELY DURING THE CONSTRUCTION PERIOD SO AS TO PREVENT THE TRANSPORT OF SEDIMENT INTO SURFACE WATERS. RE-VEGETATION AND STABILIZATION OF DISTURBED AREAS SHOULD BE ACCOMPLISHED AS SOON AS POSSIBLE TO REDUCE THE POTENTIAL OF SOIL EROSION. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH PERMITS ISSUED FOR THE PROJECT INCLUDING ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, DEP WATER, DEP SEWER, NPDES, AND USACE.
- ALL DISTURBED AREAS SHALL BE SODED, SEEDED AND MULCHED OR LANDSCAPED IN ACCORDANCE WITH THE PLANS. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING GRASS AND PLANTINGS ON ALL DISTURBED AREAS. ALL SLOPES STEEPER THAN 3:1 SHALL BE STAKED SO.
- ALL WORK SHALL BE COMPLETED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF OSHA SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ANY INJURIES OF HIS EMPLOYEES AND ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS RESULTING FROM THIS JOB.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE JOB SITE PRIOR TO PREPARING HIS BID FOR THE PURPOSE OF FAMILIARIZING HIMSELF WITH NATURE AND THE EXTENT OF THE WORK AND LOCAL CONDITIONS. EITHER OVERHEAD, SURFACE OR SUBSURFACE UTILITIES MAY AFFECT THE WORK TO BE PERFORMED AND THE EQUIPMENT, LABOR AND MATERIAL REQUIRED. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE PERFORMANCE UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION STAKING AND LAYOUT OF THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL/DISPOSAL OF ANY UNSUITABLE MATERIALS INCLUDING BUT NOT LIMITED TO DEBRIS SUCH AS BROKEN CONCRETE, ROOTS, TREES, MUCK, ETC. FROM HIS OPERATION AND FURNISHING AND COMPACTING SUITABLE REPLACEMENT BACKFILL MATERIAL.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ST. JOHNS LDC AND FLORIDA DEPT. OF TRANSPORTATION STANDARDS, DETAILS, AND SPECIFICATIONS UNLESS OTHERWISE NOTED. IN THE CASE OF WATER AND SEWER CONSTRUCTION, CONSTRUCTION SHALL BE IN ACCORDANCE WITH LATEST ST. JOHNS COUNTY STANDARDS, AS WELL AS APPLICABLE STATE AND LOCAL CODES. FIRE HYDRANTS SHALL MEET ST. JOHNS COUNTY REQUIREMENTS. THRUST RESTRAINT SHALL BE ACCOMPLISHED USING PIPE RESTRAINING DEVICES. TIE RODS WITH THRUST BLOCKS SHALL NOT BE USED.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION FOR VERIFICATION AND LOCATION OF UTILITIES. PRIOR TO WORKING IN A COUNTY ROW OR EASEMENT, A COUNTY PERMIT IS REQUIRED.

UTILITIES	UTILITY OWNER	TELEPHONE
ELECTRIC	JEA	(904) 665-6000
FIBER	AT&T	(904) 737-6169
	FPL FIBERNET	(305) 552-2431
	MCI	(803) 343-1063
CABLE	COMCAST	(904) 380-6423
WATER & SEWER	JEA	(904) 665-4643
GAS	FLCO, INC.	(904) 443-1368

- ALL UNDERGROUND UTILITIES MUST BE INSTALLED PRIOR TO PREPARATION OF SUBGRADE FOR PAVEMENT.
- SHOULD THE SURFACE OR SUBSURFACE CONDITIONS VARY FROM WHAT IS SHOWN ON THESE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- TACK COAT IS REQUIRED ON PRIME BASES THAT HAVE BECOME DIRTY OR CANNOT BE CLEANED, OR WHERE THE PRIME COAT HAS CURED AND LOST ALL DRAG EFFECT. TACK COAT SHALL COMPLY WITH FDOT STANDARDS.
- B.M. DATA IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- GRADES SHOWN ARE FINISHED GRADES.
- EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- ANY PUBLIC LAND OWNER WITHIN THE LIMITS IF CONSTRUCTION IS TO BE PROTECTED.
- ST. JOHNS COUNTY ENGINEERING INSPECTOR SHALL BE NOTIFIED 24 HOURS PRIOR TO ALL NECESSARY SITE WORK INSPECTIONS AND 5 DAYS PRIOR TO THE FINAL INSPECTION.
- CONTRACTOR SHALL SECURE A STOCKPILE LOCATION. CONTRACTOR SHALL NOT STOCKPILE MATERIALS WITHIN THE ROADWAY RIGHT-OF-WAY.
- CONTRACTOR SHALL CONSTRUCT EMBANKMENT IN THE DRY WHENEVER NORMAL DEWATERING EQUIPMENT AND METHODS CAN ACCOMPLISH THE NEEDED DEWATERING. IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS, CONTRACTOR SHALL PROVIDE NORMAL DEWATERING EQUIPMENT INCLUDING, BUT NOT LIMITED TO, SURFACE PUMPS, SUMP PUMPS AND TRENCHING/DIGGING MACHINERY. PROVIDE NORMAL DEWATERING METHODS INCLUDING, BUT NOT LIMITED TO, CONSTRUCTING SHALLOW SURFACE DRAINAGE TRENCHES/DITCHES, USING SAND BLANKETS, SUMPS AND SIPHONS. WHEN NORMAL DEWATERING DOES NOT ADEQUATELY REMOVE THE WATER, THE ENGINEER MAY REQUIRE THE EMBANKMENT MATERIAL TO BE PLACED IN THE WATER OR IN LOW SWAMPY GROUND IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS. WHERE DEPOSITING THE MATERIAL IN WATER, OR IN LOW SWAMPY GROUND THAT WILL NOT SUPPORT THE WEIGHT OF HAULING EQUIPMENT, CONSTRUCT THE EMBANKMENT BY DUMPING SUCCESSIVE LOADS IN A UNIFORMLY DISTRIBUTED LAYER OF A THICKNESS NOT GREATER THAN NECESSARY TO SUPPORT THE HAULING EQUIPMENT. WHILE PLACING SUBSEQUENT LAYERS ONLY SUFFICIENT MATERIAL HAS BEEN PLACED SO THAT THE HAULING EQUIPMENT CAN BE SUPPORTED, CONSTRUCT THE REMAINING PORTION OF THE EMBANKMENT IN LAYERS IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE FDOT STANDARD SPECIFICATIONS.
- ALL DRIVEWAY TURNOUTS SHALL COMPLY WITH FDOT INDEXES 515 AND 516 AND WITH ST. JOHNS COUNTY LAND DEVELOPMENT CODE (SJC LDC). THE MAXIMUM GRADE CHANGE WITHOUT A VERTICAL CURVE IS THREE PERCENT (3%). SEE THE SJC LDC FIGURE 6.03. THE MINIMUM LENGTH FOR VERTICAL CURVES ON ROADWAY AND DRIVEWAY CONNECTIONS AND TURNOUTS IS TEN FEET (10').
- ALL DRAINAGE PIPES INSTALLED WITHIN ROADWAY RIGHT-OF-WAYS/ASEMENTS (PUBLIC OR PRIVATE) SHALL BE TELEVISED BY A COMPANY OR INDIVIDUAL CERTIFIED TO PERFORM SUCH WORK PER LDC 6.04.07.5. THIS REQUIREMENT MAY ONLY BE WAIVED ON COMMERCIAL SITES IF THE ENGINEER OF RECORD CERTIFIES BY LETTER THAT THE SITE DOES NOT RECEIVE ANY RUNOFF FROM ST. JOHNS COUNTY RIGHT-OF-WAYS. IF THERE IS ANY CONNECTION OR RELATIONSHIP BETWEEN THE PROJECT SITE AND A COUNTY OWNED OR MAINTAINED DITCH, POND OR STRUCTURE, IT SHALL BE REQUIRED THAT TELEVISION OF THE DRAINAGE LINE SHALL BE DONE IN COLOR AND SHALL BE OF SUCH QUALITY AS TO VISUALLY IDENTIFY THE PROPER CONSTRUCTION OF ALL JOINTS AND PIPE ALIGNMENT. A VIDEO TAPE SHALL BE PROVIDED TO THE COUNTY UPON COMPLETION. THE TELEVISION OF THE DRAINAGE LINES SHALL BE PERFORMED AFTER THE PLACEMENT OF THE BASE MATERIAL AND PRIOR TO THE FINAL WEARING SURFACE OF THE ROADWAY. THE APPROVAL BY THE COUNTY OF THE TELEVISION SHALL BE REQUIRED PRIOR TO THE PLACEMENT OF THE FINAL WEARING SURFACE OF THE ROADWAY. TELEVISED RECORD SHALL BE REVIEWED AND CERTIFIED BY THE ENGINEER OF RECORD (EOR).
- THE CONTRACTOR SHALL CONTRACT WITH AN INDEPENDENT TESTING LABORATORY TO PERFORM MATERIAL TESTING AND SOIL TESTING IN ACCORDANCE WITH COUNTY REQUIREMENTS.
- THE EXISTING UTILITY INFORMATION SHOWN ON THESE PLANS IS FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION REQUIRED TO IDENTIFY ALL UTILITY PROVIDERS AND UTILITY LINES WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EFFORTS AND COSTS REQUIRED TO DETERMINE THE EXISTENCE OF CONFLICTS BETWEEN THE PROJECT IMPROVEMENTS AND THE EXISTING UTILITIES INCLUDING UTILITY COORDINATION, DESIGNATION, AND EFFORTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ANY NECESSARY UTILITY RELOCATIONS WITH THE UTILITY PROVIDERS.

DEMOLITION REQUIREMENTS

- ALL CONSTRUCTION/DEMOLITION AND DISPOSAL TO BE IN ACCORDANCE WITH APPLICABLE CODES AND ENVIRONMENTAL RULES AND REGULATIONS.
- SIDEWALKS, PAVING**
- CONCRETE SIDEWALKS SHALL BE MINIMUM 4" THICK, 3000 PSI CONCRETE. CONSTRUCTION JOINTS AT 20' F.F.F., 100'-0" JOINTS AT 5' F.F.F., 100'-0" EDGES, BROOM FINISH. AT HANDICAPPED RAMPS, DETECTABLE SURFACE AND DETAIL REQUIRED PER FDOT STANDARD PLANS 522-102.
 - CONTRACTOR SHOULD MAKE ALLOWANCE FOR SOD DURING GRADING OPERATIONS. SIDEWALKS SHALL NOT BE LOWER THAN SURROUNDING SODED AREAS.
 - ALL MANHOLES, VALVE BOXES, CLEANOUTS, AND OTHER ACCESS FACILITIES MUST BE AT FINISHED ELEVATIONS IN PAVING, SIDEWALKS AND GRASSED AREAS.
 - PAVEMENTS TO BE MARKED AS SHOWN AND IN ACCORDANCE WITH DETAILS REFERENCED. PAVEMENT MARKINGS SHALL BE EXTRUDED THERMOPLASTIC WITH REFLECTIVE MARKERS IN ACCORDANCE WITH FDOT STANDARDS.
 - ALL DETECTABLE WARNING SURFACES FOR SIDEWALK AT CURB CUT HANDICAP RAMPS SHALL BE A ST. JOHNS COUNTY APPROVED YELLOW COLORED COMPOSITE MATERIAL ANCHORED IN THE CONCRETE. SIDEWALK RAMP ANCHORED COMPOSITE WARNING AREA INSTRUMENTS ARE TO BE COLORED "SAFETY YELLOW" AND SET INTO THE CONCRETE FLUSH WITH THE CONCRETE SURFACE ALONG ALL FOUR SIDES. DESIGN DIMENSIONS OF DETECTABLE WARNING AREA SHALL CONFORM TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEX A-22-002, SHEETS 1 THROUGH 8, AND 28 CODE OF FEDERAL REGULATIONS (CFR) PART 39, APPENDIX A LATEST REVISION AS WELL AS APPLICABLE COUNTY REQUIREMENTS, LOC. SECTION 6.04.02.
 - THE DETECTABLE WARNING SURFACE SHALL BE CAST IN PLACE AND HAVE A STANDARD COLOR OF YELLOW. ANY TYPE OF ADHESIVE OR GLUE DOWN MATS, STAMPED CONCRETE OR ANY VARIATION OTHER THAN WHAT IS SPECIFIED BELOW WILL NOT BE ACCEPTED BY ST. JOHNS COUNTY.

ACCEPTABLE PRODUCTS:
 CAST IN PLACE COMPOSITE TACTILE BY ADA SOLUTIONS, INC.
 6789 PHILLIPS INDUSTRIAL BLVD.
 JACKSONVILLE, FL 32256
 904-268-1511; 800-759-3849 (TOLL FREE); 904-268-3133 (FAX)

ANCHORCAST PRODUCTS COMPANY
 13230 SATICOY STREET
 NORTH HOLLYWOOD, CA 91605
 818-982-7742; 818-982-3600 (FAX)

DETECTABLE WARNING SYSTEMS
 8081 PHILLIPS HIGHWAY # 22
 JACKSONVILLE, FL 32256
 WWW.DETECTABLE-WARNING.COM
 866-999-1452

DRAINAGE:

- DRAINAGE PIPE 15" AND GREATER SHALL BE METAL REINFORCED CONCRETE PIPE, WALL 8" CONCRETE PIPE TO HAVE ALL JOINTS WRAPPED WITH FILTER FABRIC IN ACCORDANCE WITH FDOT STANDARD PLANS 430-100, UNLESS OTHERWISE APPROVED BY THE COUNTY, THE ENGINEER AND THE OWNER.
- UPON COMPLETION OF ALL CONSTRUCTION AND ALL LANDSCAPING, PLANTING, AND ALL SILL WORK IS COMPLETED, THE PROJECT SILL SHALL BE LEFT CLEAN UPON COMPLETION. THE PUNDS SHALL BE PUMPED DOWN IF REQUIRED BY THE COUNTY AND ALL STORM DRAIN LINES WILL BE LAMPED TO CHECK PIPE AND INLETS IN THE PRESENCE OF THE ENGINEER. DIRTY LINES AS DETERMINED BY THE ENGINEER SHALL BE CLEANED AS REQUIRED.

"AS-BUILT" DRAWING REQUIREMENTS

- "AS-BUILT" DRAWINGS WILL BE REQUIRED FROM THE CONTRACTOR. ALL DIMENSIONS MUST BE PARALLEL TO OR PERPENDICULAR TO PROPERTY LINES, BUILDINGS, OR OTHER PERMANENT STRUCTURES AFTER REVIEWS AND APPROVAL BY THE ENGINEER. FINAL "AS-BUILT" DRAWINGS SHALL BE PROVIDED ON AFFIDAVITABLE M.Y.L.R. TWO FINAL COPIES. AS-BUILT DRAWING SHALL ALSO BE PROVIDED IN AUTOCAD FORMAT VERSION 12 OR LATER. AS-BUILT DRAWINGS SHALL BE CERTIFIED BY A FLORIDA REGISTERED LAND SURVEYOR.
- PROVIDE THE FOLLOWING "AS-BUILT" INFORMATION:

- DRAINAGE SYSTEMS**
 LOCATE ALL DRAINAGE STRUCTURES IN TWO DIRECTIONS. INDICATE ELEVATION OF TOP, GRATE THROAT, WEIR, ORIFICE, AND PIPE INVERTS FOR ALL STRUCTURES. INDICATE PIPE SIZES AND TYPE, SIZE OF THROATS, WEIRS, ORIFICES, AND OTHER SPECIAL STRUCTURE FEATURES. LOCATE CLEANOUTS WITH TOP AND INVERT ELEVATIONS. OBTAIN SUFFICIENT ELEVATIONS ON PAVEMENT, CURB AND GUTTER, GRASS AREAS, AND SIDEWALKS TO SHOW POSITIVE DRAINAGE IN CONFORMANCE WITH PLANS.
- STORM WATER LAKES**
 LAKES SHALL BE CROSS SECTIONED A MINIMUM OF 50 FOOT INTERVALS WITH SUFFICIENT INFORMATION INDICATED TO SHOW COMPLIANCE WITH REQUIREMENTS OF ST. JOHNS COUNTY AND ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
- "AS-BUILT" DRAWINGS SHALL ALSO COMPLY WITH ANY ADDITIONAL REQUIREMENTS SET BY THE JEA.
 - SUBMITTAL OF AS-BUILT SITE SURVEY, INCLUDING BENCHMARKS, IS REQUIRED IN COMPLIANCE WITH SECTION 6.04.00 OF THE ST. JOHNS COUNTY LAND DEVELOPMENT REVIEW MANUAL PRIOR TO SCHEDULING A FINAL INSPECTION BY THE ENGINEERING DEPARTMENT AND FIRE MARSHALL.

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 PLOTTED: GENERAL NOTES

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



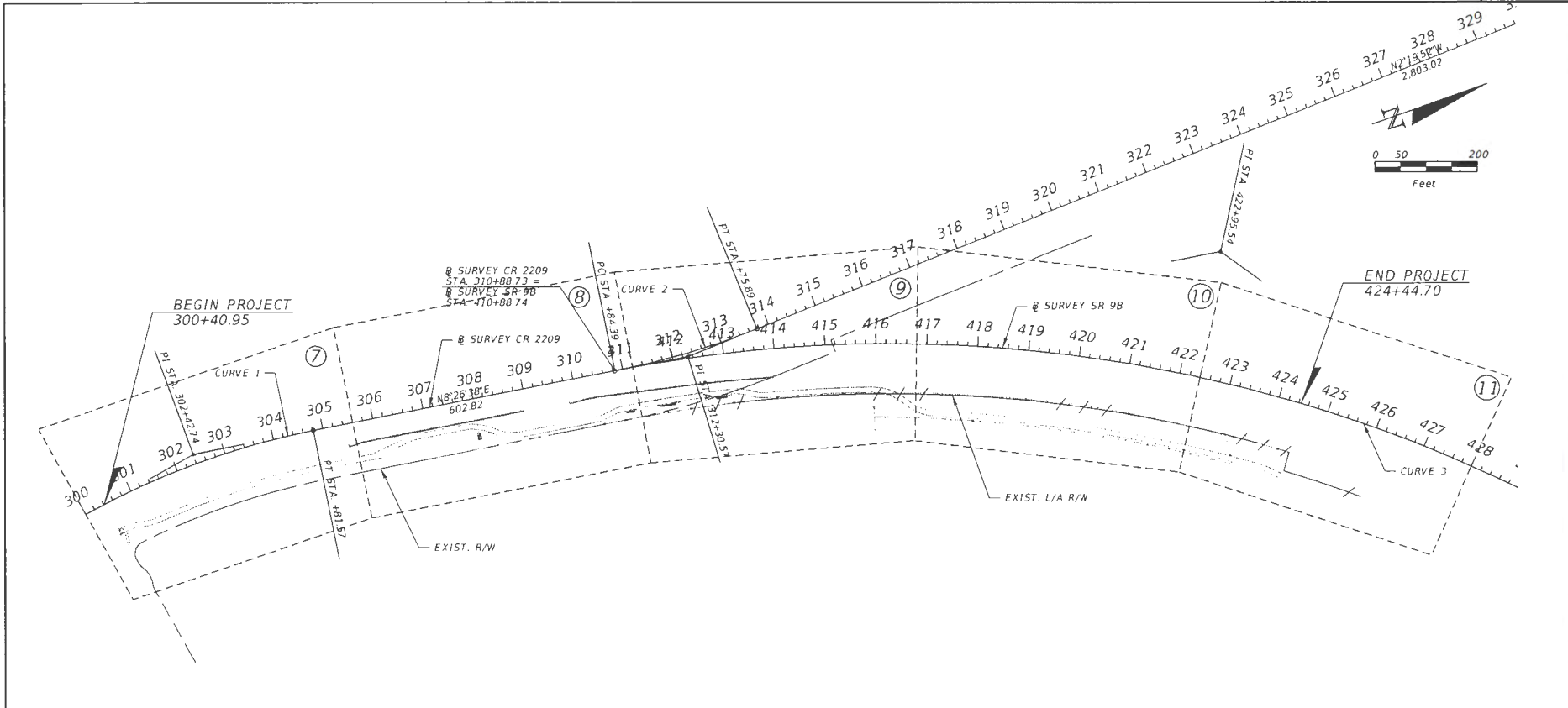
ETM
 Engineering & Technical Management, Inc.
 1715 US Hwy 90, Jacksonville, FL 32218
 Tel: (904) 843-0800
 Fax: (904) 843-0800
 eq@etm.com 3344 LC-10000118
 MATTHEW S. MAGGIORE License No. 55371

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 Sidewalk Improvements
GENERAL NOTES

SHEET NO.
5

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CURVE DATA - CURVE 1 PI STA. = 302+42.74 Δ = 17°48'04" (RT) D = 03°41'47" T = 242.74' L = 481.57' R = 1550.00' PC STA. = 300+00.00 PT STA. = 304+81.57 C =	CURVE DATA - CURVE 2 PI STA. = 312+30.57 Δ = 10°46'30" (LT) D = 03°41'47" T = 146.18' L = 291.49' R = 1550.00' PC STA. = 310+84.39 PT STA. = 313+75.89 C =	CURVE DATA - CURVE 3 PI STA. = 422+95.54 Δ = 47°03'08" (RT) D = 02°04'01" T = 1206.80' L = 2276.41' R = 2772.00' PC STA. = 410+88.74 PT STA. = 433+65.15 C =
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ETM
 Engineering, Planning & Surveying, Inc.
 1175 Old St. Augustine Road
 Jacksonville, FL 32216
 TEL: (904) 642-0992
 FAX: (904) 642-0993
 Registry - 2541 LC-0000318
 MATTHEW S. MAGGIORE License No. 55371

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
PROJECT LAYOUT

SHEET NO.
6

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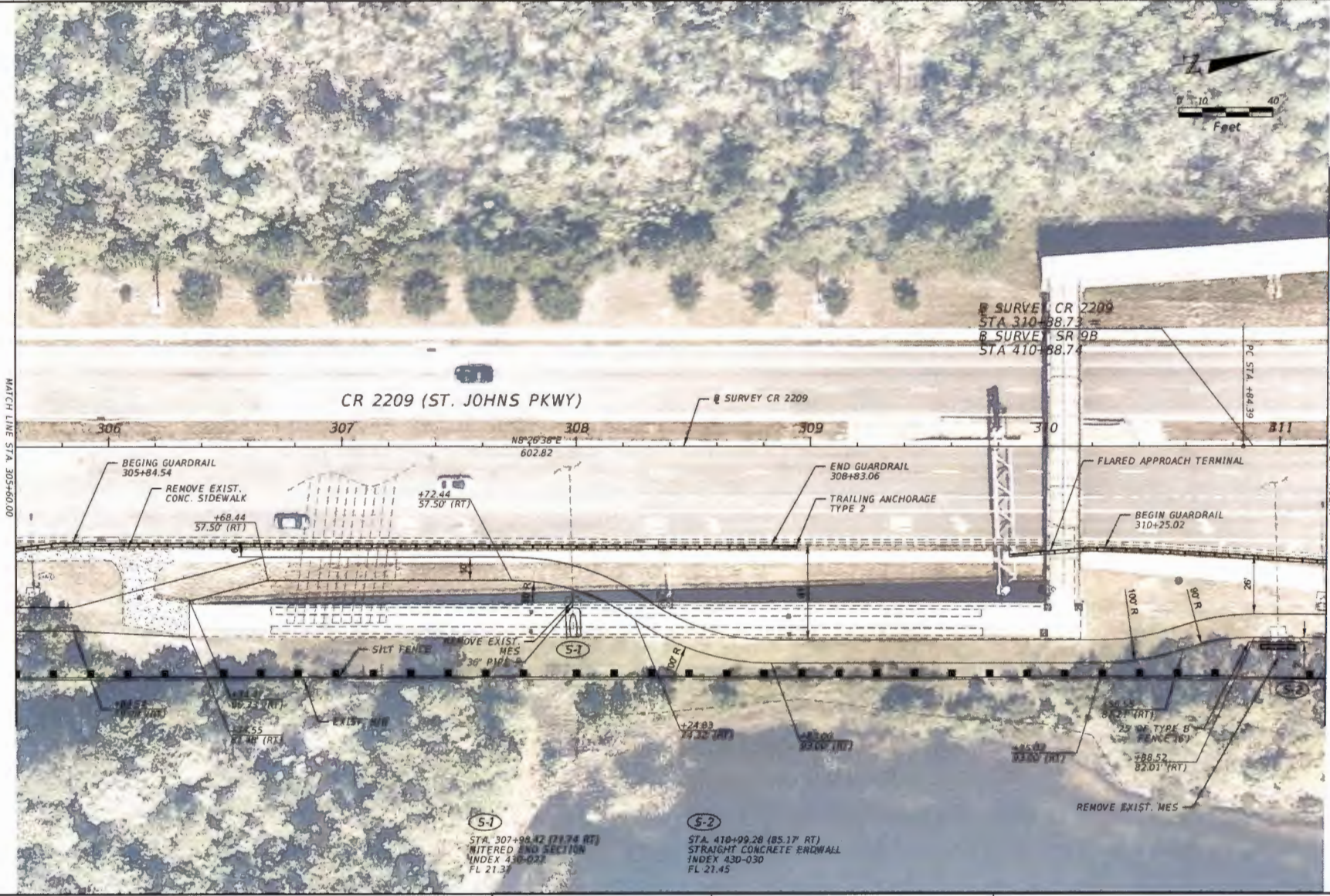
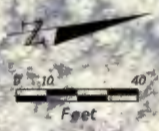
ETM
 Engineering & Technical Management, Inc.
 14776 Old St. Augustine Road
 Jacksonville, FL 32218
 TEL: (904) 843-8888
 FAX: (904) 843-8888
 REGISTRY - 9884 LC-000010
 MATTHEW S. MAGGIORE License No. 53371

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
SIDEWALK PLANS

SHEET NO.
7

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MATCH LINE STA. 305+60.00

MATCH LINE STA. 411+20.00

CR 2209 (ST. JOHNS PKWY)

SURVEY CR 2209
STA 310+88.73
SURVEY SR 08
STA 410+88.74

S-1
 STA. 307+99.42 (21.74 RT)
 MITERED END SECTION
 INDEX 430-023
 FL 21.37

S-2
 STA. 410+99.28 (85.17 RT)
 STRAIGHT CONCRETE ENDWALL
 INDEX 430-030
 FL 21.45

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DATE	DESCRIPTION

ETM
 ENGINEERING & TRAFFIC MANAGEMENT
 MATTHEW S. MAGGIORE License No. 55371

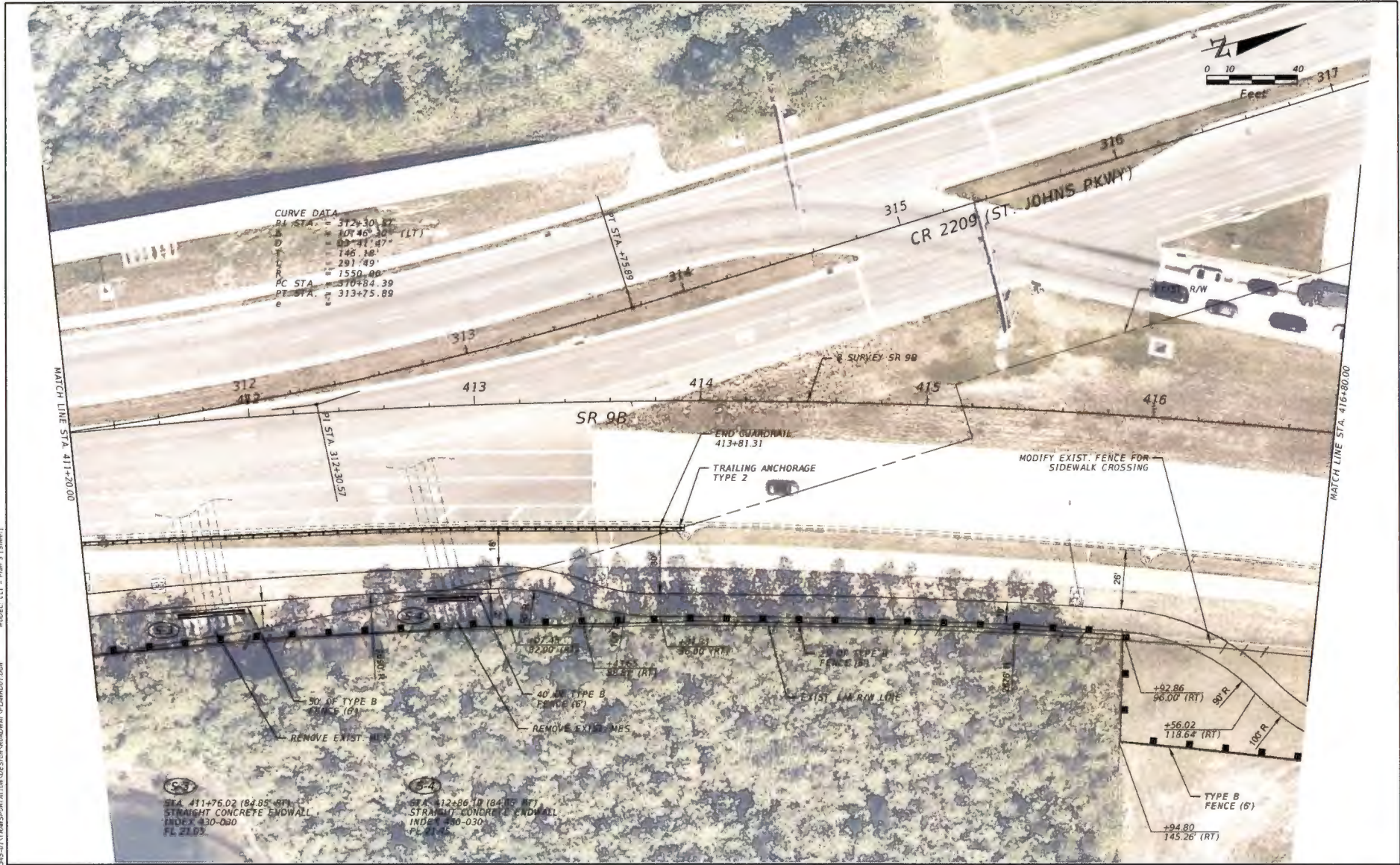
St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
SIDEWALK PLANS

SHEET NO.	8
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REVISIONS	
DATE	DESCRIPTION

ETM Engineering, Planning & Survey, Inc.
 14714 Old St. Augustine Road
 Jacksonville, FL 32218
 TEL: (904) 844-8888
 FAX: (904) 844-8888
 Raleigh - 904A LC-1900016
 MATTHEW S. MAGGIORE License No. 55371

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS

SIDEWALK PLANS

SHEET NO.
9

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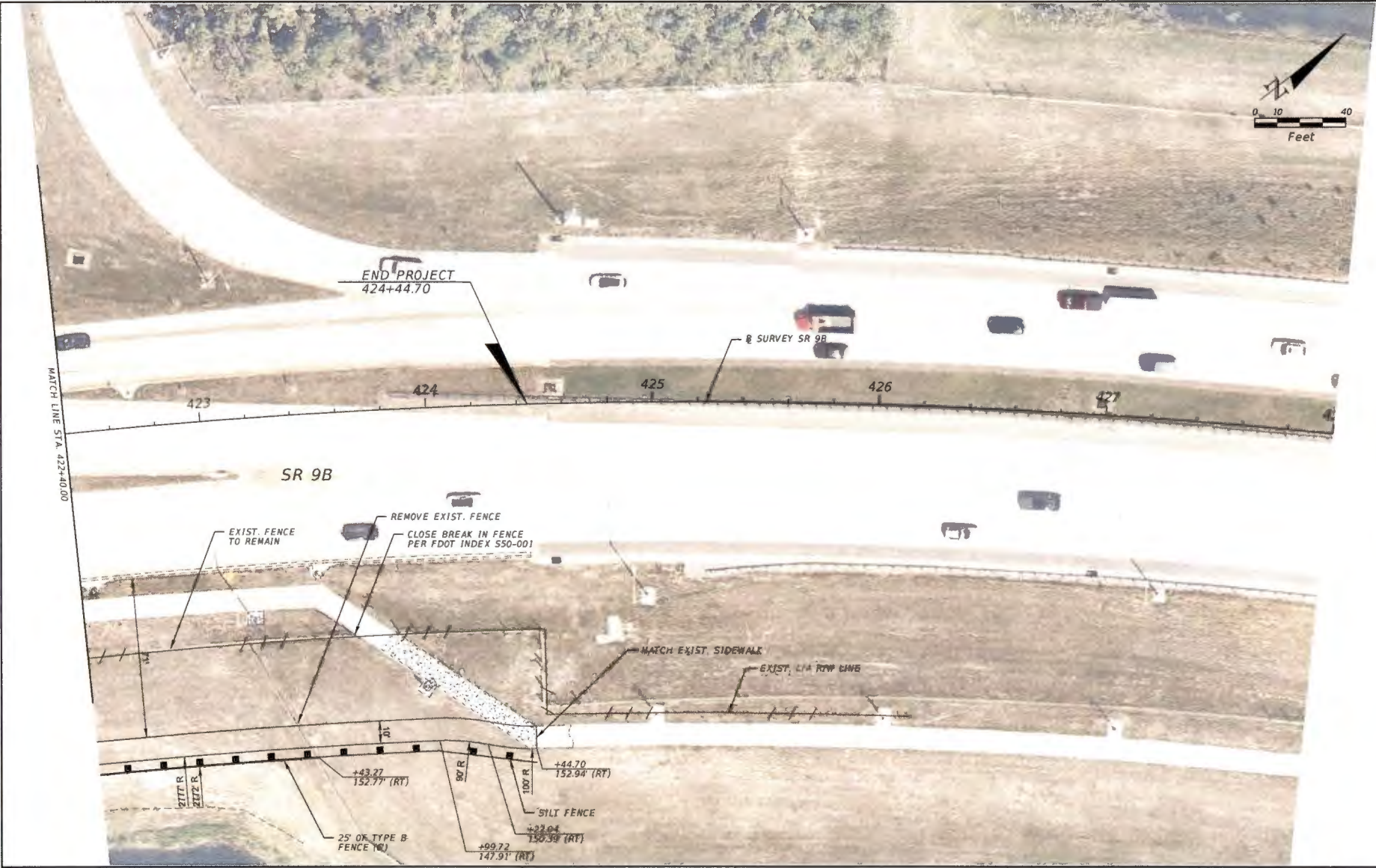
ETM Engineering, Title & Mapping, Inc.
 14750 SW 44th Avenue, Suite 100
 Jacksonville, FL 32226
 TEL: (904) 942-8800
 FAX: (904) 942-8801
 Highway • 2004 LC • 200001010
 MATTHEW S. MAGGIORE License No. 55371

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
SIDEWALK PLANS

SHEET NO.
10

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ETM Engineering & Technical Management, Inc.
 14775 CAM St., Jacksonville Road
 Jacksonville, FL 32256
 TEL: (904) 843-8888
 FAX: (904) 843-8889
 Regulatory • 2024 LC • 00000194
 MATTHEW S. MAGGIORE License No. 53371

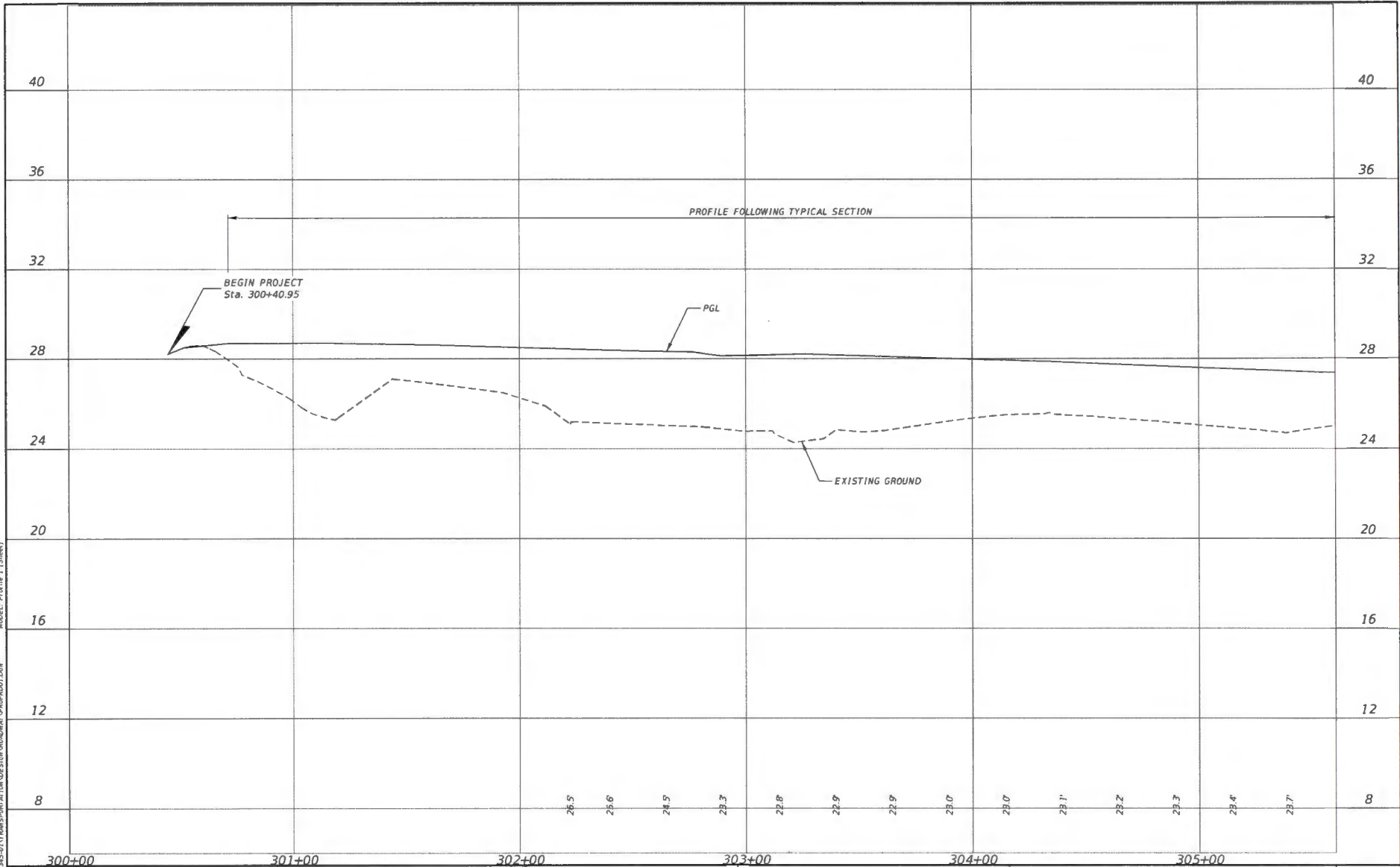
St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 Sidewalk Improvements
SIDEWALK PLANS

SHEET NO.
11

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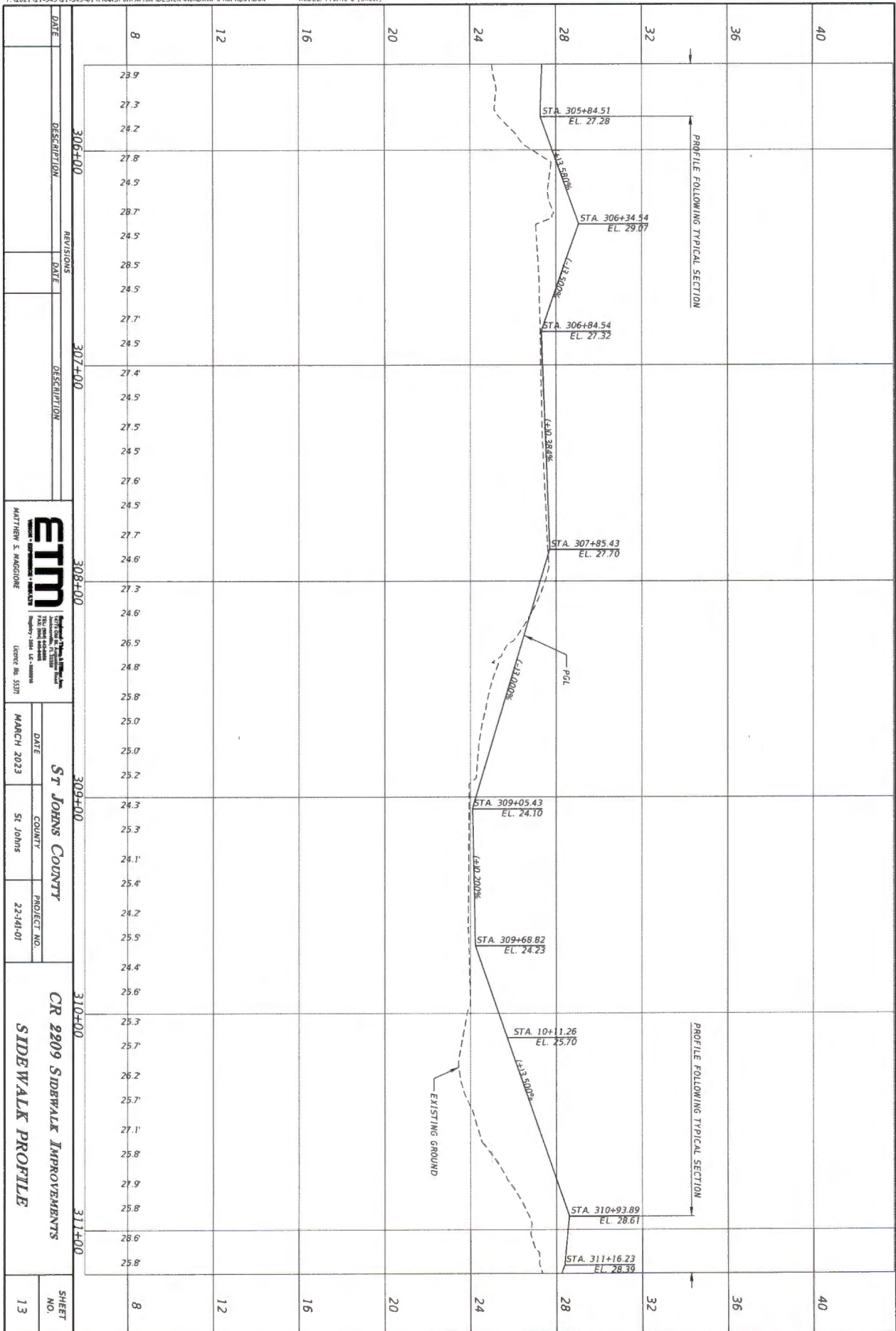
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DATE	DESCRIPTION

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 ENGINEERING TECHNOLOGICAL
 MATTHEW S. MAGGIORE License No. 53371

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

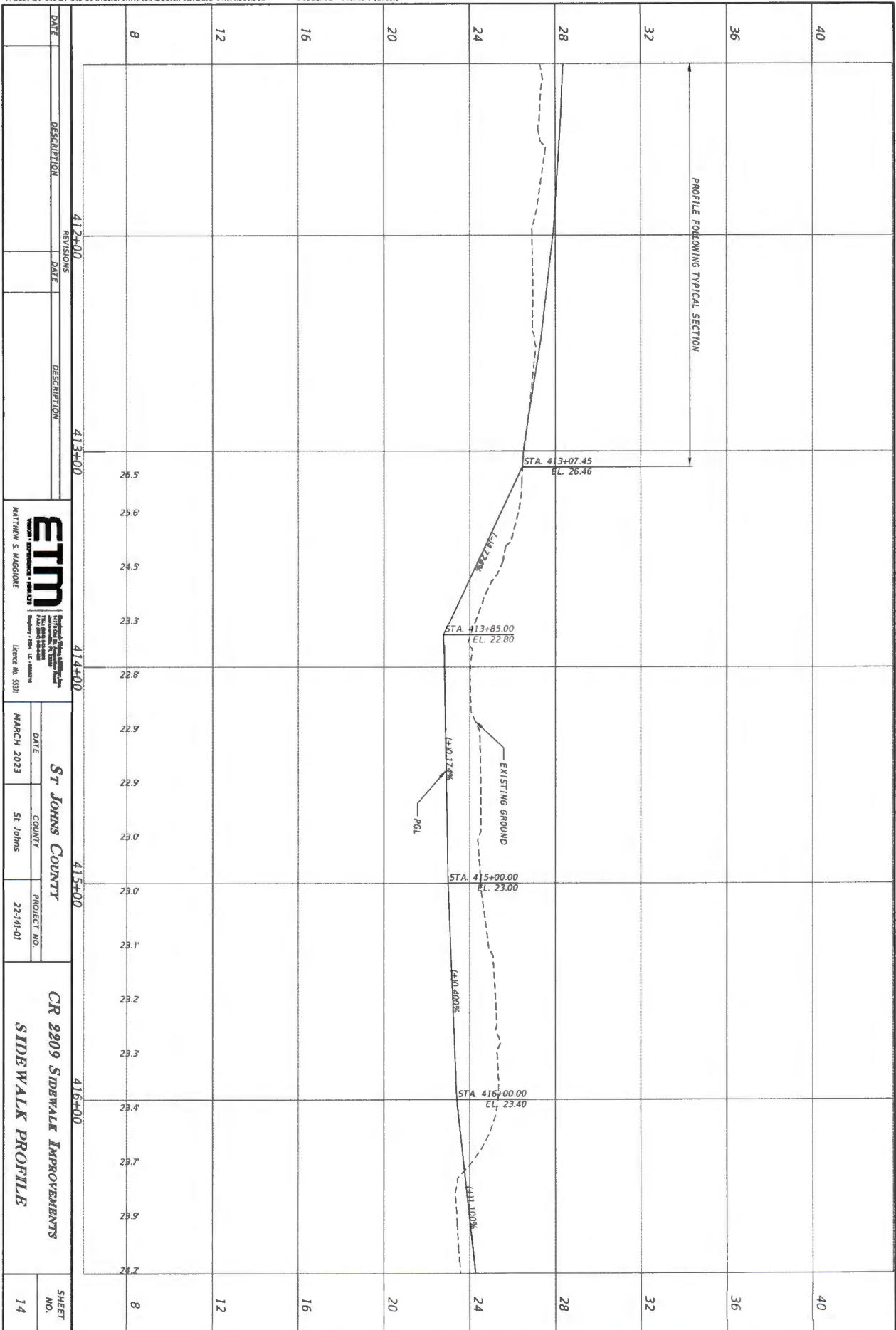
CR 2209 SIDEWALK IMPROVEMENTS
SIDEWALK PROFILE
 SHEET NO. 12

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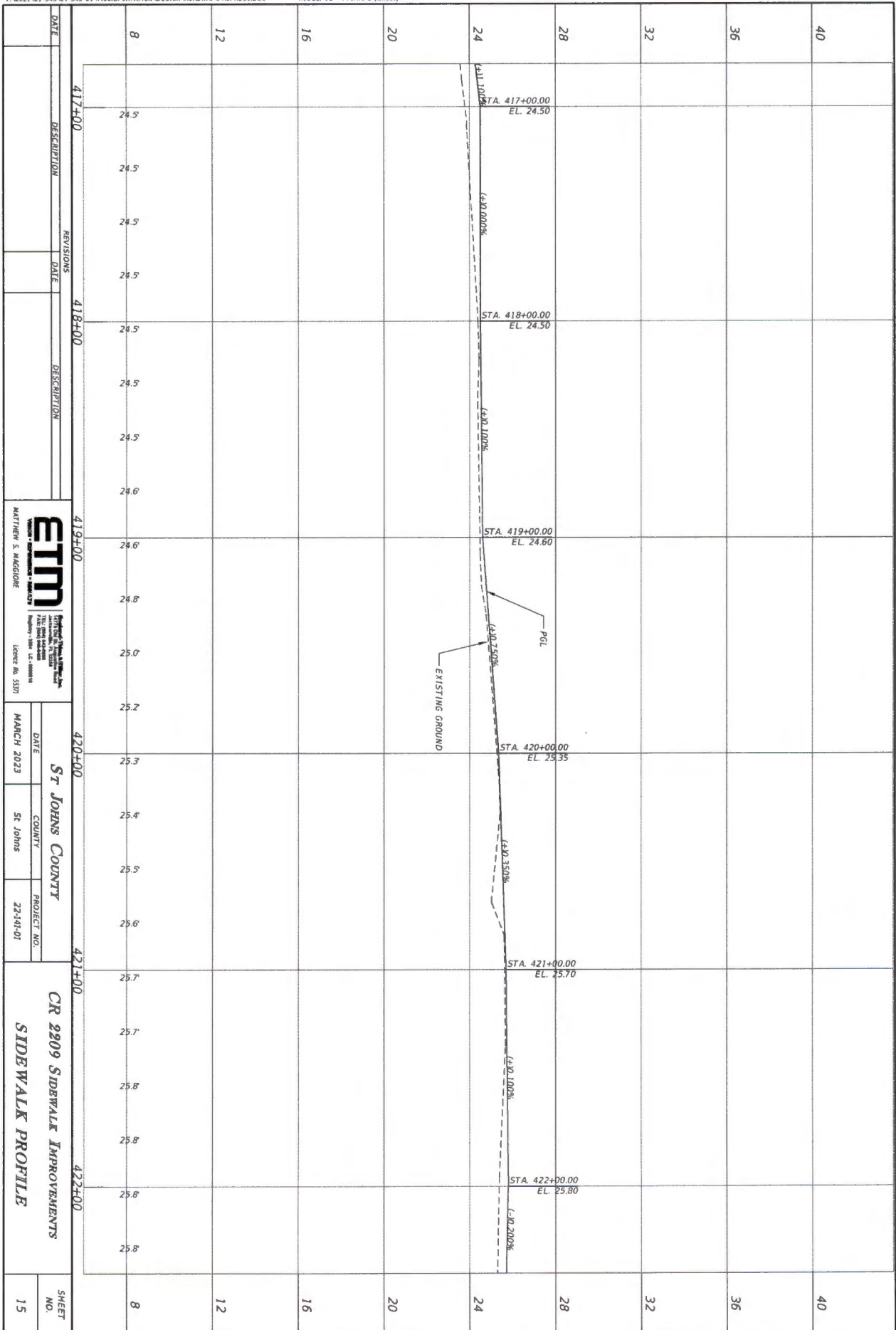
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

ETM Engineering & Technical Management 10000 Highway 100, Suite 100 Houston, TX 77036 Phone: 281.461.1000 Fax: 281.461.1001 www.etm.com		St Johns County	
MATTHEW S. MAGUIRE Project Engineer		CR 2909 Sidewalk Improvements	
DATE	COUNTY	PROJECT NO.	SHEET NO.
MARCH 2023	St Johns	22-341-01	13



DATE	DESCRIPTION	DATE	DESCRIPTION

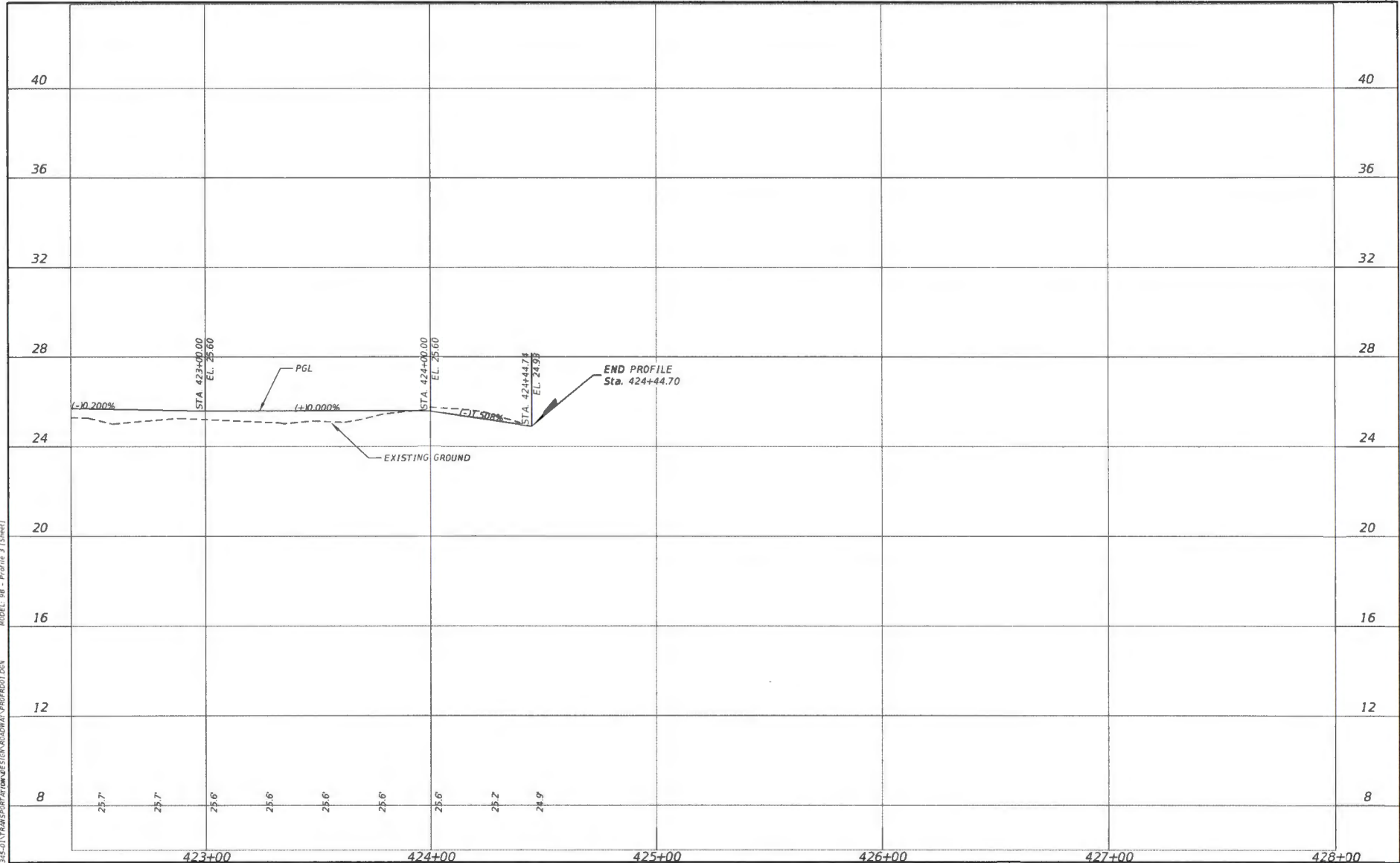
		St Johns County	
MATTHEW S. MADRONE License No. 5331		PROJECT NO. 22-141-01	
MARCH 2023		St Johns	
CR 2909 Sidewalk Improvements		SIDEWALK PROFILE	



DATE	DESCRIPTION	DATE	DESCRIPTION

		ST JOHNS COUNTY	
MATTHEW S. MAGUIRE License No. 5371		PROJECT NO. 22-141-01	
MARCH 2023		CR 2909 SIDEWALK IMPROVEMENTS SIDEWALK PROFILE	

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DATE		DESCRIPTION	

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DATE	DESCRIPTION

ETM
Engineering & Technical Management, Inc.
 12116 Old St. Augustine Road
 Jacksonville, FL 32226
 TEL: (904) 645-0000
 FAX: (904) 645-0001
 Registry - 3684 LC - 0000010

MATTHEW S. MAGGIORE License No. 55371

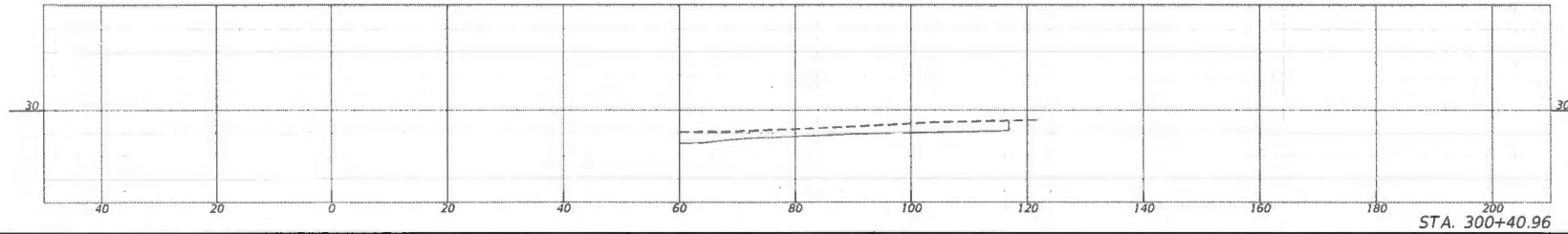
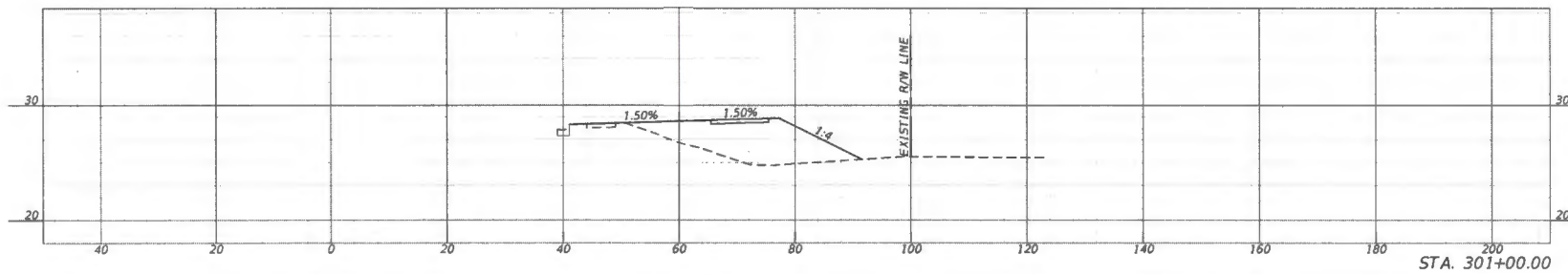
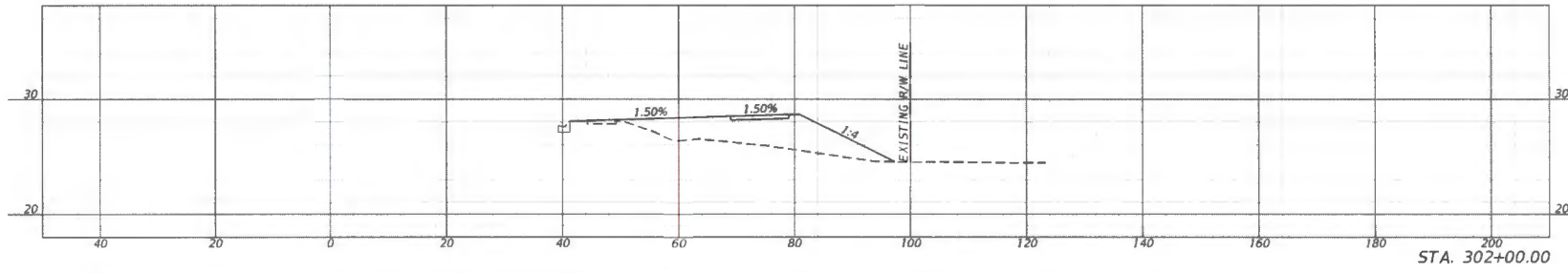
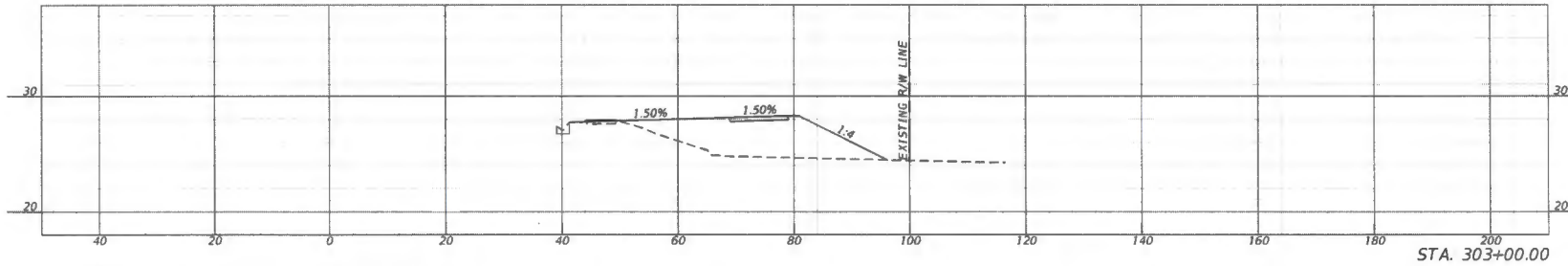
St Johns County		
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MARCH 2023	St Johns	22-141-01

CR 2209 Sidewalk Improvements
SIDEWALK PROFILE

SHEET NO.
16

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ETM
 ENGINEERING & TRANSPORTATION
 MATTHEW S. MAGGIORE
 License No. 55371

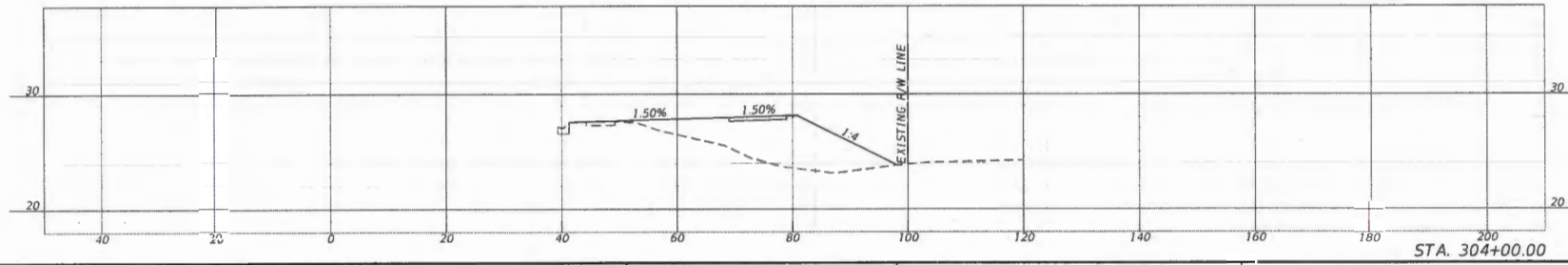
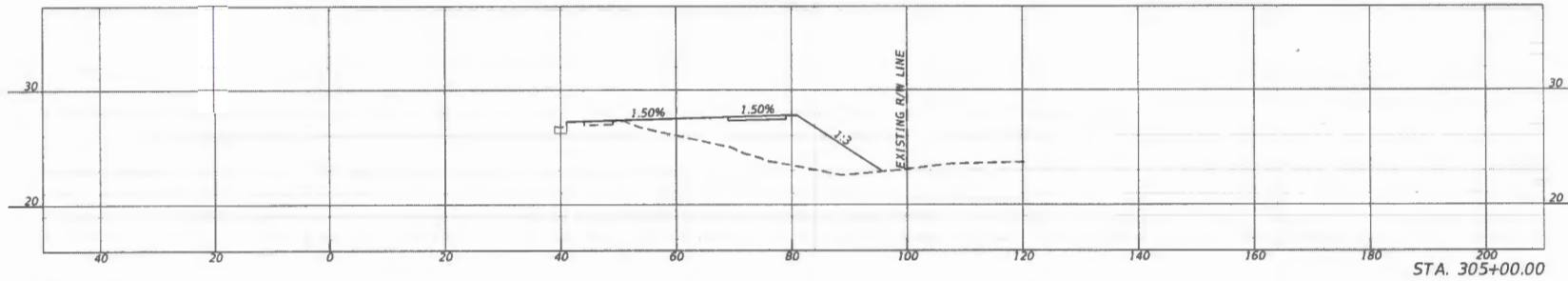
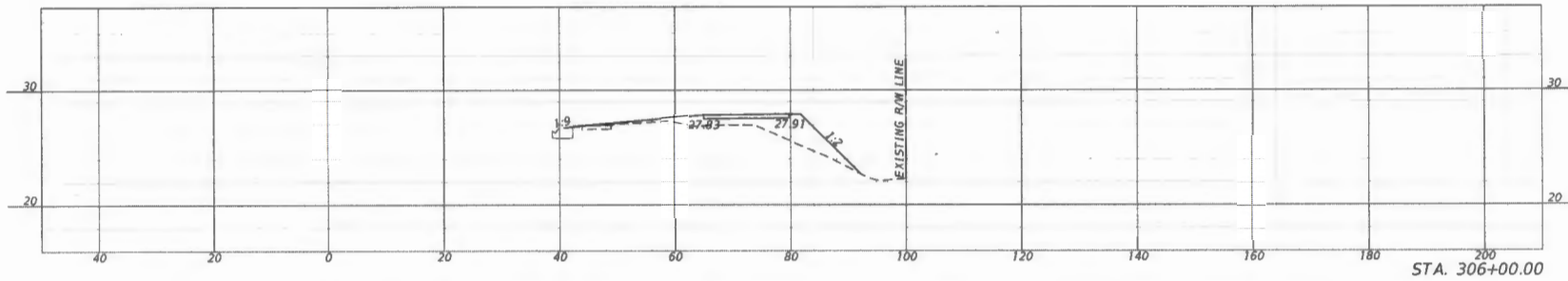
St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
CROSS SECTIONS

SHEET NO.
17

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REVISIONS	
DATE	DESCRIPTION

ETM
 ENGINEERING & TRANSPORTATION
 1278 OLD ST. AUGUSTINE ROAD
 JACKSONVILLE, FL 32218
 TEL: (904) 643-8888
 FAX: (904) 643-8888
 REGISTRY # 2584 LC - 1000010
 MATTHEW S. MAGGIORE License No. 55371

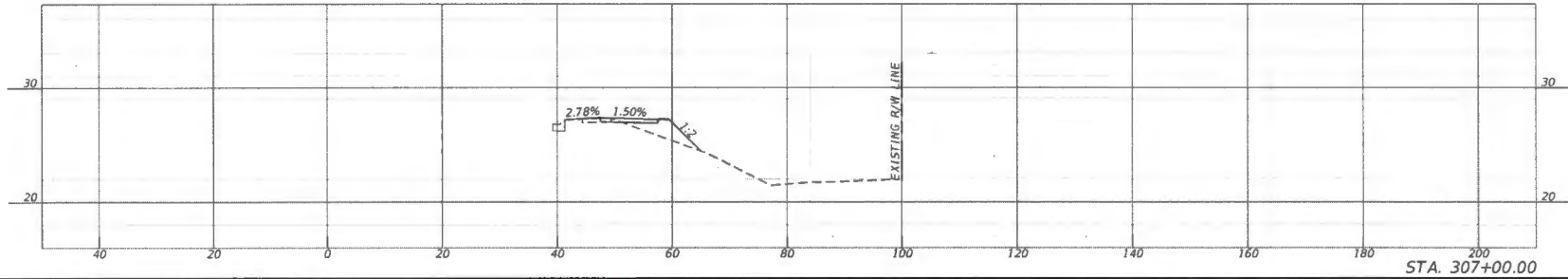
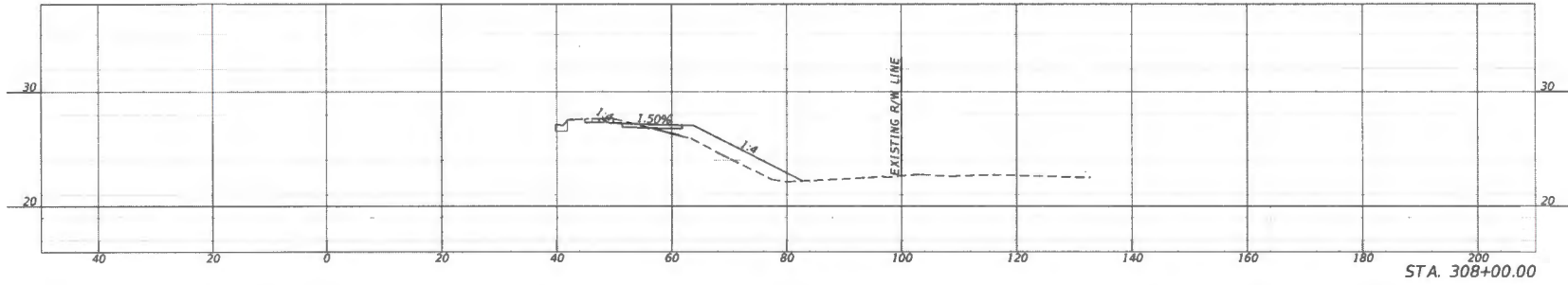
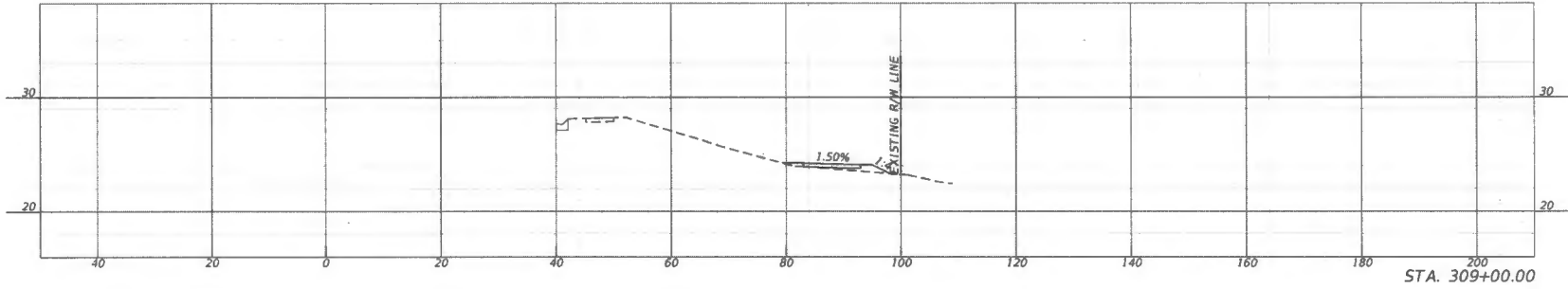
St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
CROSS SECTIONS

SHEET NO.
18

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REVISIONS	
DATE	DESCRIPTION

ETM
 ENGINEERING & TRAFFIC MANAGEMENT
 1376 Old St. Augustine Road
 Jacksonville, FL 32208
 TEL: (904) 643-8888
 FAX: (904) 643-8888
 Regulatory - 2004 LC-0000108
 License No. 53371

MATTHEW S. MAGGIORE

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS

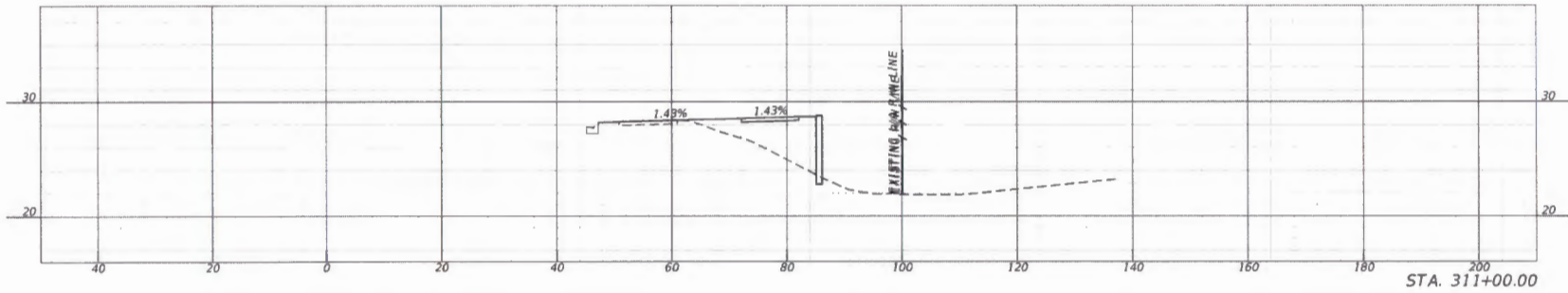
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SHEET NO.
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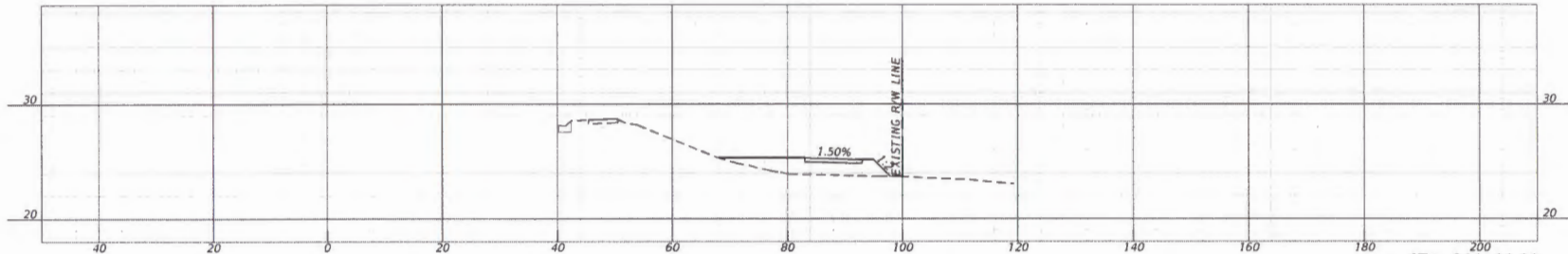
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DATE	DESCRIPTION	DATE	DESCRIPTION

ETM
 ENGINEERING & TRANSPORTATION
 MATTHEW S. MAGGIORE License No. 55371

Registered: Thomas A. P. Maguire, Inc.
 14776 Old St. Augustine Road
 Jacksonville, FL 32218
 TEL: (904) 643-8888
 FAX: (904) 643-8888
 Highway - 5504 LC - 1000010

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

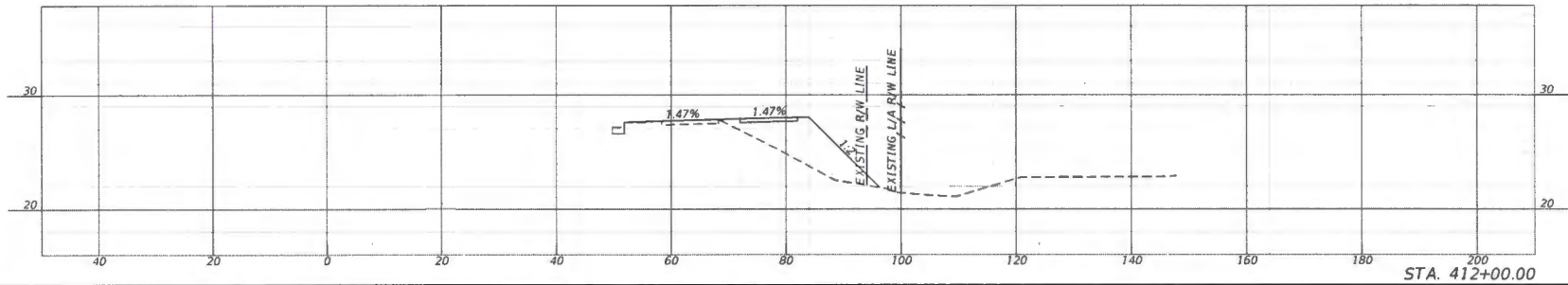
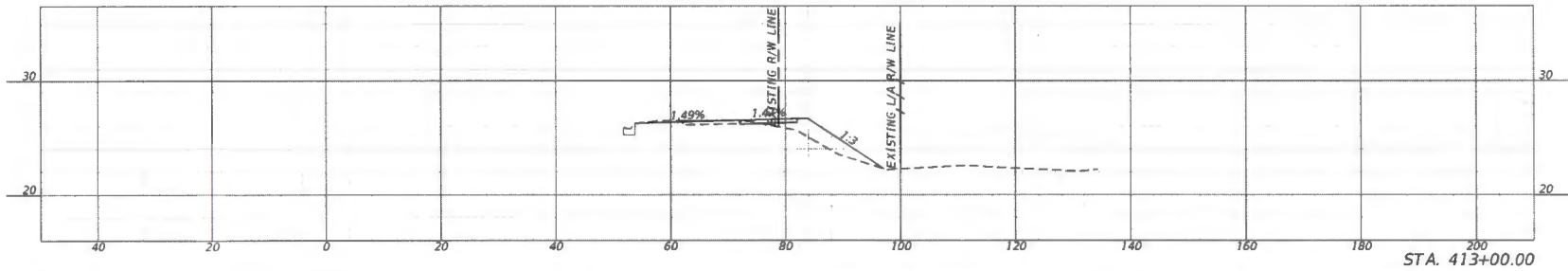
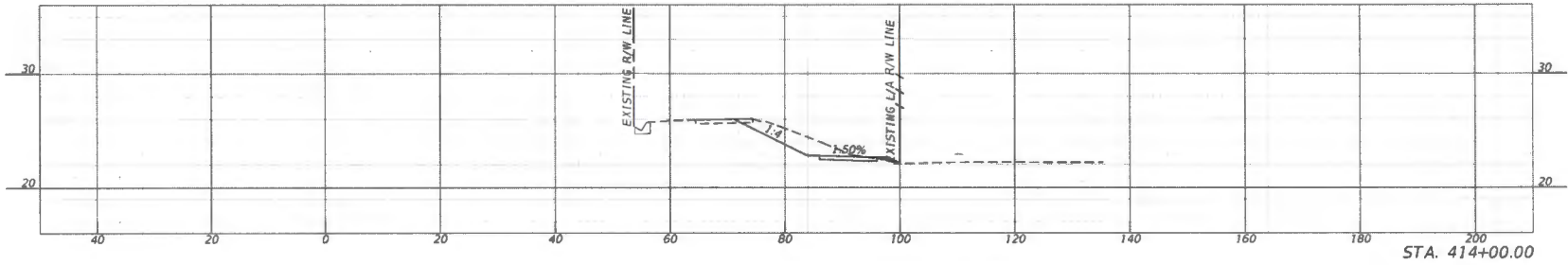
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ETM Engineering & Planning, Inc.
 14791 Oak St., Jacksonville, FL 32218
 TEL: (904) 843-8888
 FAX: (904) 843-8888
 Raleigh • 2004 LC-2000218
 License No. 55371
MATTHEW S. MAGGIORE

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

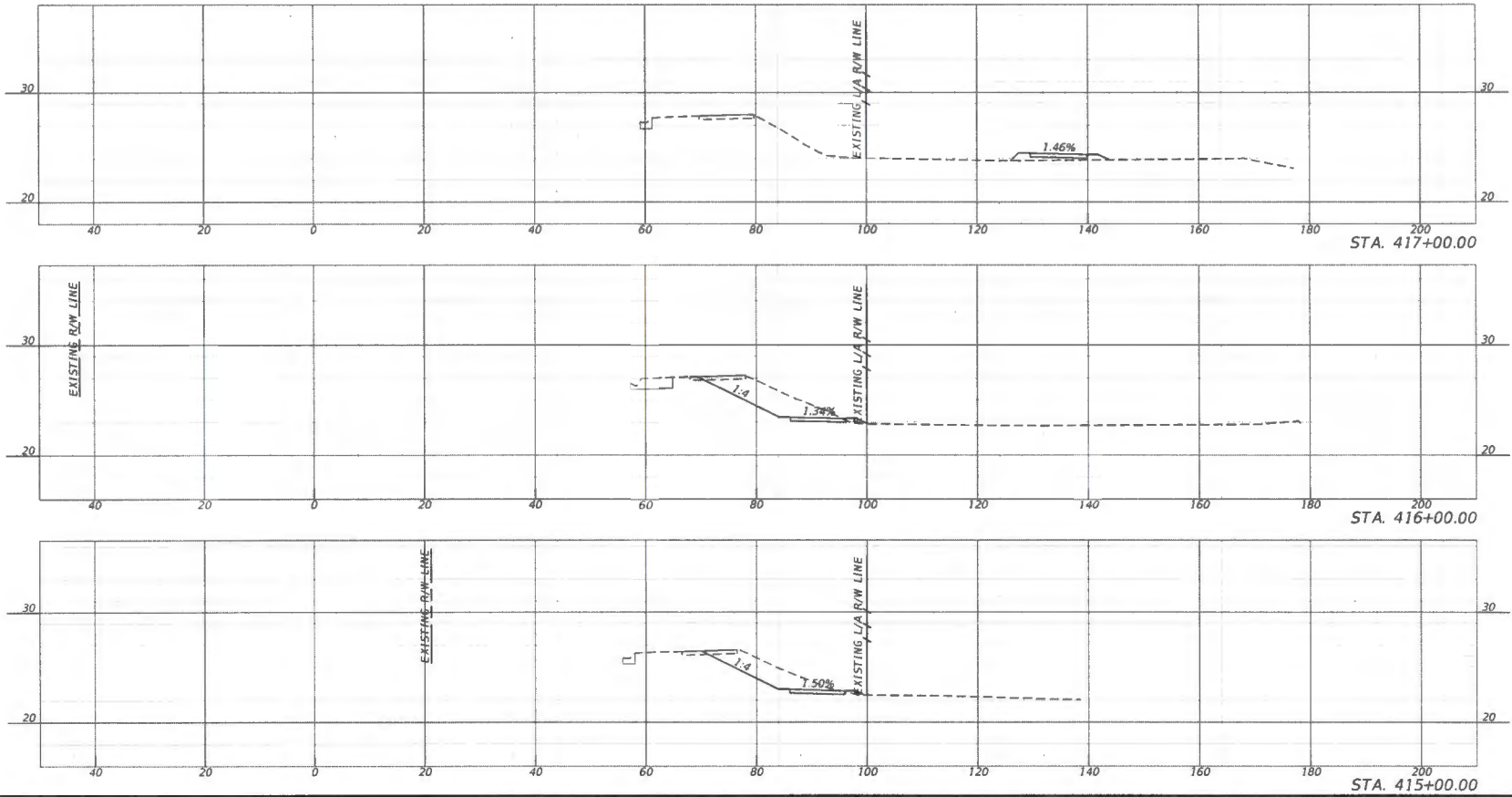
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ETM
 ENGINEERING & TECHNICAL MANAGEMENT
 1477 N. Old St. Jacksonville Road
 Jacksonville, FL 32209
 TEL: (904) 843-0000
 FAX: (904) 843-0001
 Douglas - 2004 LC-1000000
 MATTHEW S. MAGGIORE License No. 55371

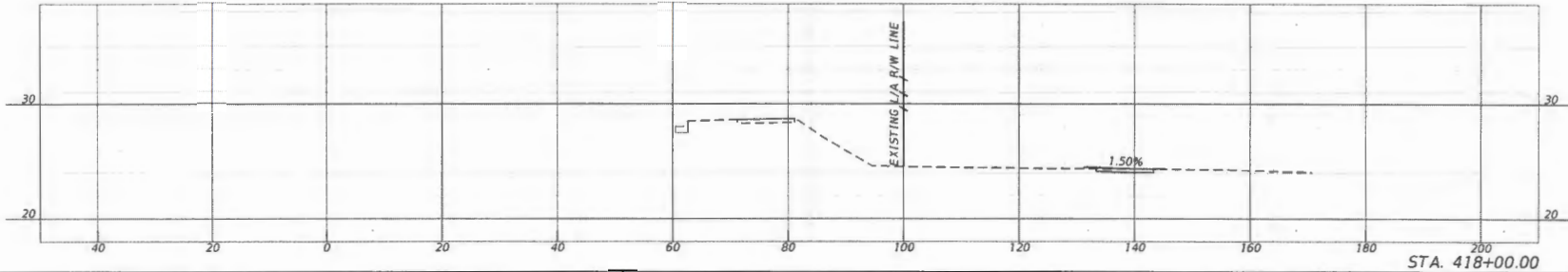
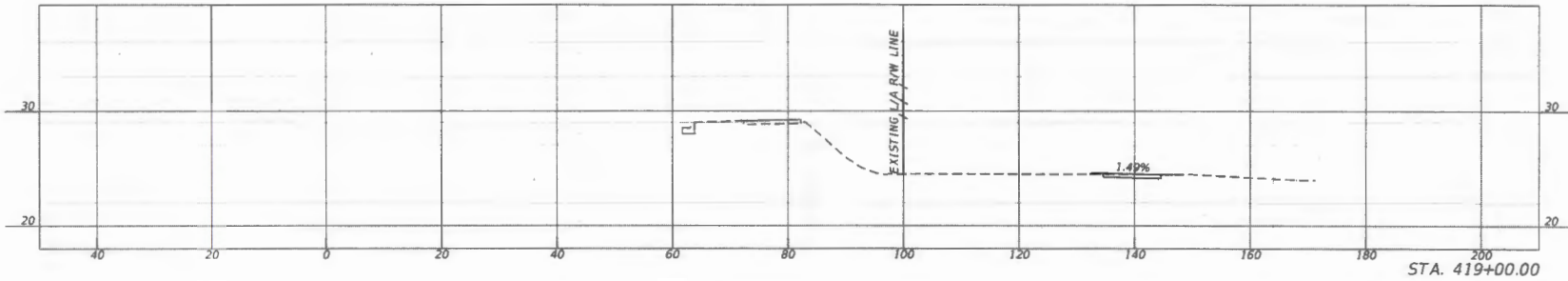
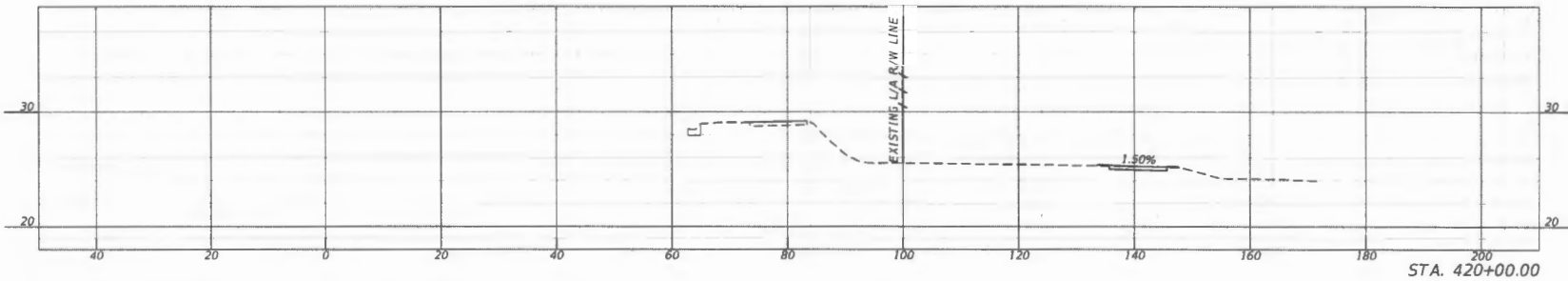
St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
CROSS SECTIONS

SHEET NO.	22
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REVISIONS			
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ETM Engineering & Technical Management, Inc.
 14775 Old St. George Road
 Jacksonville, FL 32218
 TEL: (904) 454-0000
 FAX: (904) 454-0000
 REGISTRY - 3084 LC - 0000010
 License No. 55371
 MATTHEW S. MAGGIORE

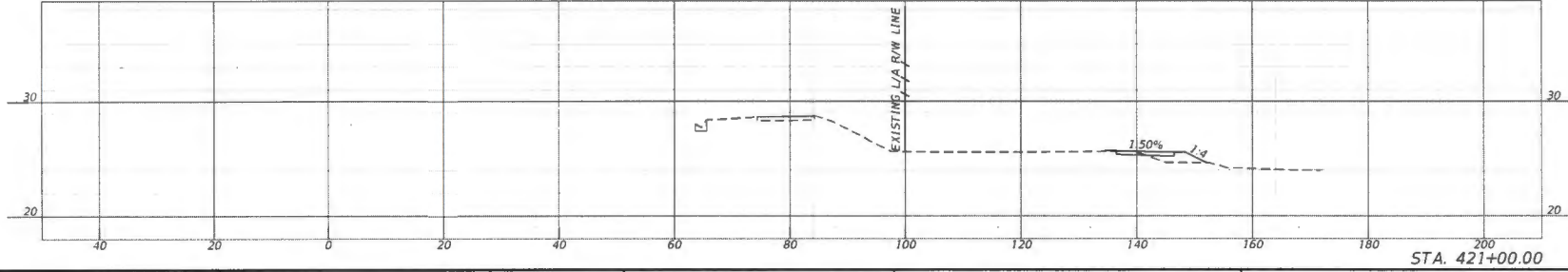
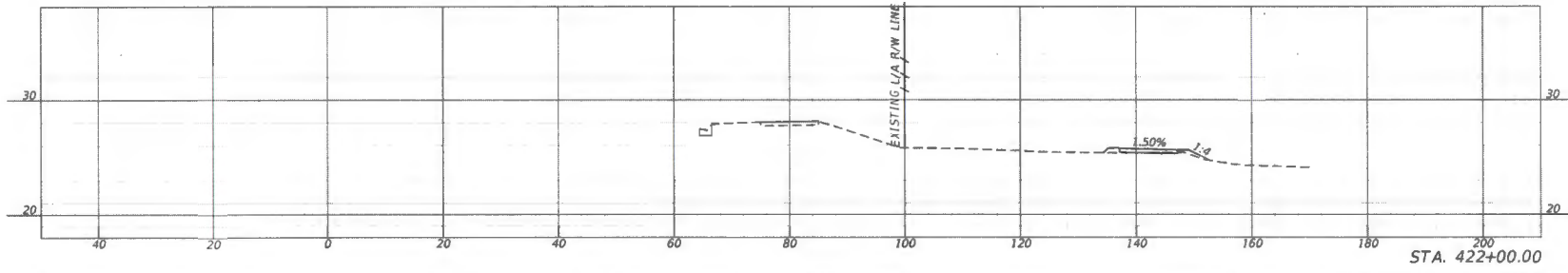
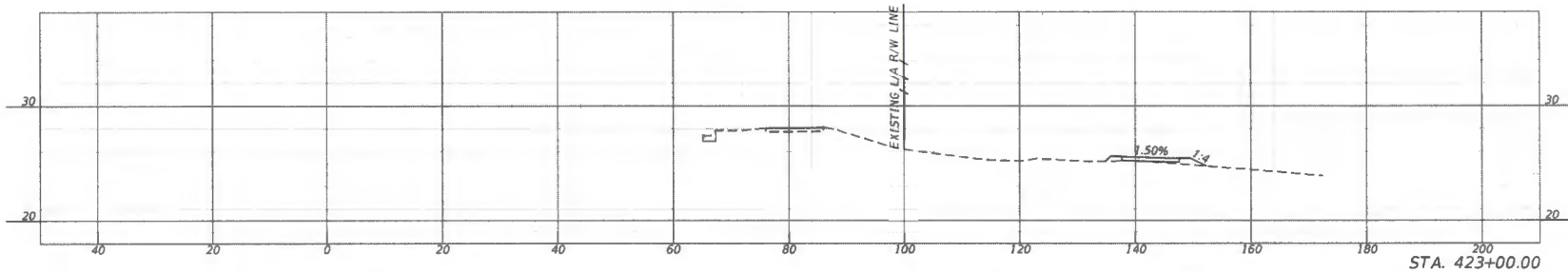
St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
CROSS SECTIONS

SHEET NO.
 23

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DATE	DESCRIPTION	DESCRIPTION

ETM
 ENGINEERING & TECHNICAL MANAGEMENT
 MATTHEW S. MAGGIORE
 License No. 53371

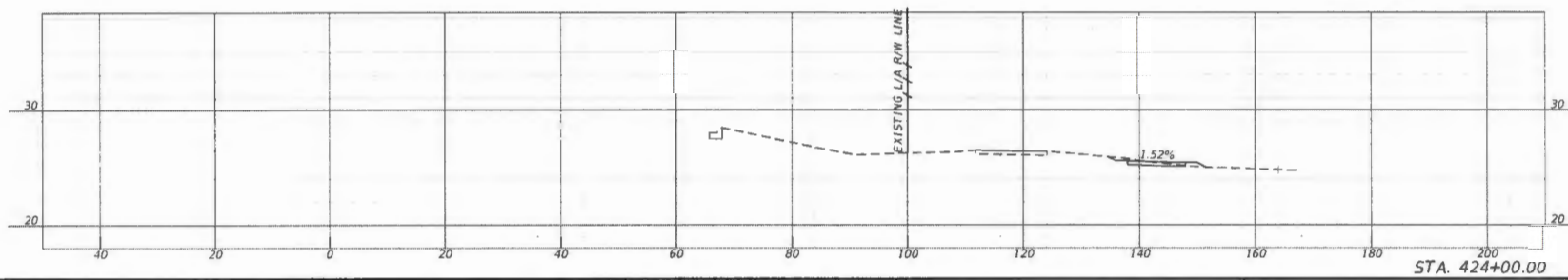
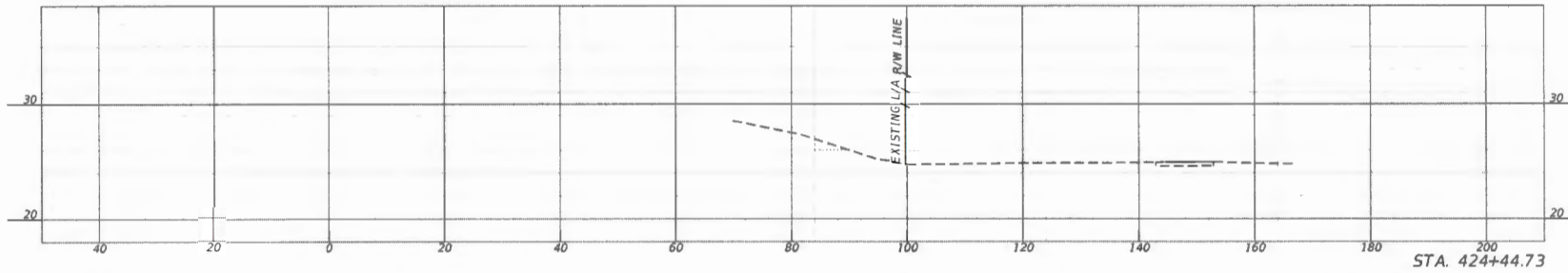
St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-341-01

CR 2209 SIDEWALK IMPROVEMENTS
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REVISIONS	
DATE	DESCRIPTION

ETM
 ENGINEERING & TRANSPORTATION
 MATTHEW S. MAGGIORE License No. 55371

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
 CROSS SECTIONS

SHEET NO.
25

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STORM WATER POLLUTION PREVENTION PLAN

OWNER'S REQUIREMENTS	CONTRACTOR'S REQUIREMENTS	NOTES
<p>SITE OF WORK</p> <p>PROJECT NAME AND LOCATION</p> <p>APPLICANT NAME AND ADDRESS</p> <p>DATE OF PLAN</p> <p>DATE PROJECT WILL COMPLETION</p> <p>LOCATION OF WORK</p> <p>OWNER'S CONTACT INFORMATION</p> <p>ADDITIONAL COMMENTS</p>	<p>GENERAL</p> <p>The contractor shall at all times implement the following requirements outlined below and shall be responsible for the construction and maintenance of the storm water management system. The contractor shall be responsible for the construction and maintenance of the storm water management system. The contractor shall be responsible for the construction and maintenance of the storm water management system.</p> <p>GENERAL</p> <p>The contractor shall at all times implement the following requirements outlined below and shall be responsible for the construction and maintenance of the storm water management system. The contractor shall be responsible for the construction and maintenance of the storm water management system. The contractor shall be responsible for the construction and maintenance of the storm water management system.</p> <p>GENERAL</p> <p>The contractor shall at all times implement the following requirements outlined below and shall be responsible for the construction and maintenance of the storm water management system. The contractor shall be responsible for the construction and maintenance of the storm water management system. The contractor shall be responsible for the construction and maintenance of the storm water management system.</p>	<p>NEEDS TO PREVENT POLLUTION AND THE SITE WILL BE PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM.</p> <p>NEEDS TO PREVENT POLLUTION AND THE SITE WILL BE PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM.</p> <p>NEEDS TO PREVENT POLLUTION AND THE SITE WILL BE PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM.</p>
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<p>GENERAL</p> <p>The contractor shall at all times implement the following requirements outlined below and shall be responsible for the construction and maintenance of the storm water management system. The contractor shall be responsible for the construction and maintenance of the storm water management system. The contractor shall be responsible for the construction and maintenance of the storm water management system.</p>	<p>GENERAL</p> <p>The contractor shall at all times implement the following requirements outlined below and shall be responsible for the construction and maintenance of the storm water management system. The contractor shall be responsible for the construction and maintenance of the storm water management system. The contractor shall be responsible for the construction and maintenance of the storm water management system.</p>	<p>NEEDS TO PREVENT POLLUTION AND THE SITE WILL BE PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM.</p>

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DATE	DESCRIPTION	DATE	DESCRIPTION

ETM
 Environmental Technology Management
 11000 Highway 100, Suite 100
 St. Johns, FL 32259
 Phone: (407) 254-1000
 Fax: (407) 254-1001
 Email: info@etm.com
 License No. 55371

St Johns County
 DATE: MARCH 2023
 COUNTY: St Johns
 PROJECT NO.: 22-141-01

CR 2009 SIDEWALK IMPROVEMENTS
STORM WATER POLLUTION PREVENTION PLAN
 SHEET NO. 26

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ETM Engineering, Planning & Survey, Inc.
 1477 Old St. Augustine Road
 Jacksonville, FL 32218
 TEL: (904) 842-8800
 FAX: (904) 842-8801
 Regulatory - 9584 LC - 0000146
 Licence No. 55371

MATTHEW S. MAGGIORE

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
STORM WATER POLLUTION PREVENTION PLAN

SHEET NO.
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CR-2209 Sidewalk Improvements

STORM WATER POLLUTION PREVENTION PLAN
 INSPECTION AND MAINTENANCE REPORT FORM

TO BE COMPLETED EVERY 3 DAYS AND BEFORE EACH HOUR OF A NORMAL HOUR OF EACH WORKING DAY.

DATE: _____ DATE: _____
 IS THERE EVIDENCE OF
WASHOUT OR
DETERIORATION?

DATE OF WALK	TO	IS PREVENTIVE STABILIZED?	IS THERE EVIDENCE OF WASHOUT OR DETERIORATION?

MAINTENANCE REQUIRED FOR EARTH DISTURBANCE:
 _____ ON OR BEFORE _____

TO BE PERFORMED BY: _____ ON OR BEFORE _____

STABILIZATION REQUIREMENTS:
 DATE WHEN
LATEST
OBTAINED _____ DATE: _____
 RESPECTIVE QUALIFICATIONS:

 DATE SINCE LAST RAINFALL _____ AMOUNT OF LAST RAINFALL _____ INCHES

INSPECTION AREA DESCRIPTION OF LOCATION	DATE WHEN LATEST OBTAINED	OVER ALL STABILIZED (YES/NO)	STABILIZED WITH	CONDITION

STABILIZATION METHOD REQUIRED:

 TO BE PERFORMED BY: _____ ON OR BEFORE _____

PAGE 1 OF 4

CR-2209 Sidewalk Improvements

STORM WATER POLLUTION PREVENTION PLAN
 INSPECTION AND MAINTENANCE REPORT FORM

FUNCTIONAL CONTROLS

DATE: _____ DATE: _____
 IS THERE EVIDENCE OF
WASHOUT OR
DETERIORATION?

DATE OF WALK	TO	IS PREVENTIVE STABILIZED?	IS THERE EVIDENCE OF WASHOUT OR DETERIORATION?

MAINTENANCE REQUIRED FOR EARTH DISTURBANCE:
 _____ ON OR BEFORE _____

TO BE PERFORMED BY: _____ ON OR BEFORE _____

CATCH BASINS/CHIMNEY RELATIVES/TOTAL TURBIDITY CONTROLS
 DATE WHEN
LATEST
OBTAINED _____ DATE: _____
 RESPECTIVE QUALIFICATIONS:

 DATE SINCE LAST RAINFALL _____ AMOUNT OF LAST RAINFALL _____ INCHES

STRUCTURE IDENTIFY IN PLACE	DATE WHEN LATEST OBTAINED	OVER ALL STABILIZED (YES/NO)	STABILIZED WITH	CONDITION

MAINTENANCE REQUIRED FOR CATCH BASINS/CHIMNEY RELATIVES/TURBIDITY CONTROLS:

 TO BE PERFORMED BY: _____ ON OR BEFORE _____

PAGE 2 OF 4

CR-2209 Sidewalk Improvements

STORM WATER POLLUTION PREVENTION PLAN
 INSPECTION AND MAINTENANCE REPORT FORM

OTHER CONTROLS

DATE: _____ DATE: _____
 IS THERE EVIDENCE OF
WASHOUT OR
DETERIORATION?

DEPTH OF SEDIMENT IN BASIN	DEPTH OF SEDIMENT SINCE LAST INSPECTION	ANY EVIDENCE OF OVERFLOWING OF THE SEDIMENT BASIN?	CONDITION OF TOTAL FLOW SEDIMENT BASIN

MAINTENANCE REQUIRED FOR SEDIMENT BASIN:

 TO BE PERFORMED BY: _____ ON OR BEFORE _____

OTHER CONTROLS

DOES BASIN SEDIMENT GET FLOODED TO BASIN?	IS THE BASIN CLEAR OR IS IT NEARLY FULL OF SEDIMENT?	OVER ALL TURBIDITY STABILIZED (YES/NO)	IS THE OVERFLOW DRAINAGE FUNCTIONING (IF APPLICABLE)?

MAINTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE:

 TO BE PERFORMED BY: _____ ON OR BEFORE _____

PAGE 3 OF 4

CR-2209 Sidewalk Improvements

STORM WATER POLLUTION PREVENTION PLAN
 INSPECTION AND MAINTENANCE REPORT FORM

OTHER CONTROLS

DATE: _____ DATE: _____
 IS THERE EVIDENCE OF
WASHOUT OR
DETERIORATION?

DEPTH OF SEDIMENT IN BASIN	DEPTH OF SEDIMENT SINCE LAST INSPECTION	ANY EVIDENCE OF OVERFLOWING OF THE SEDIMENT BASIN?	CONDITION OF TOTAL FLOW SEDIMENT BASIN

MAINTENANCE REQUIRED FOR SEDIMENT BASIN:

 TO BE PERFORMED BY: _____ ON OR BEFORE _____

OTHER CONTROLS

DOES BASIN SEDIMENT GET FLOODED TO BASIN?	IS THE BASIN CLEAR OR IS IT NEARLY FULL OF SEDIMENT?	OVER ALL TURBIDITY STABILIZED (YES/NO)	IS THE OVERFLOW DRAINAGE FUNCTIONING (IF APPLICABLE)?

MAINTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE:

 TO BE PERFORMED BY: _____ ON OR BEFORE _____

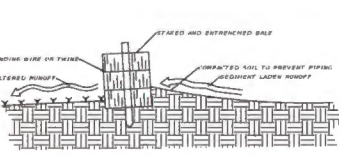
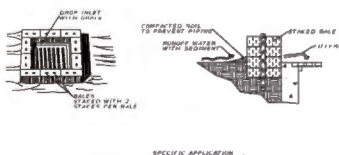
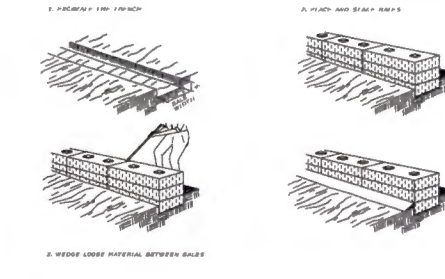
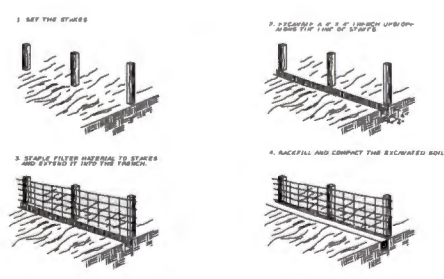
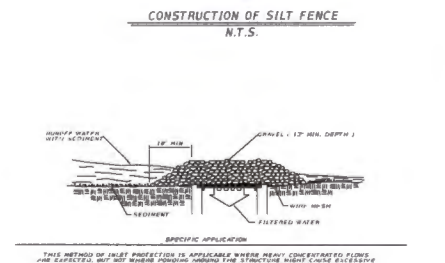
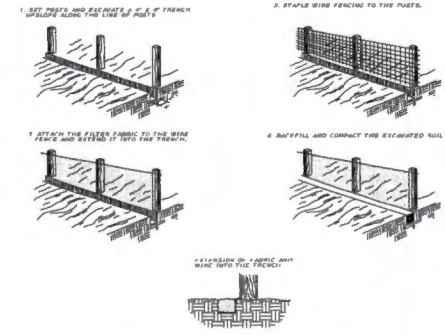
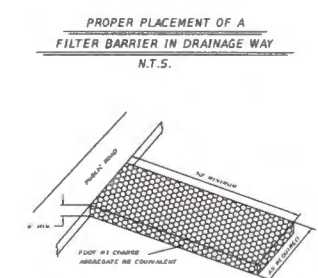
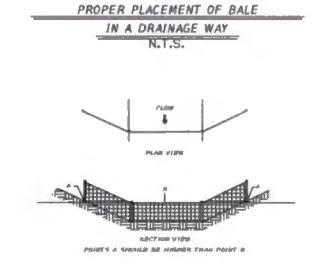
PAGE 4 OF 4

NOTE TO CONTRACTOR:
 THIS IS THE CONTRACTORS CERTIFICATION REQUIRED BY THE EPA'S NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION SITES OVER 5 ACRES. THIS CERTIFICATION MUST BE COMPLETED WEEKLY AND AFTER EVERY RAINFALL EVENT OVER 0.25 INCHES. IT IS SUBMITTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR.

SEDIMENT AND EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL MAINTAIN 10' MIN. WIDE BARRIERS IN THE EXCAVATION AREAS AS REQUIRED BY THE PERMITS AND SHALL BE OBLIGATED TO COMPLY WITH THE EXISTING GRADE, PAVERS AND SLOPES.
2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REMOVED ON SITE AND ASSURING PROPER PLACEMENT AND GRADE IN ALL DRAINAGE AND STORMWATER COLLECTION SYSTEMS.
3. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES UPON COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
4. ADDITIONAL PROTECTION ON-SITE PROTECTION IN ADDITION TO THE ABOVE WILL BE PROVIDED THAT WILL NOT PERMIT TO LEAVE THE PROJECT COMPLETE DUE TO WEATHER CONDITIONS OR ACCIDENTS.
5. CONSTRUCTION SHALL MAINTAIN THAT ALL EXISTING DRAINAGE, STORMS, STY, ARE CLEARED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
6. WIRE MESH SHALL BE LAY OUT ON 1' MIN. (MIN. 1' TO 1.5' MAX) TYP. WITH EXTENDS A MINIMUM OF 1' BEYOND EACH SIDE OF THE INLET STRUCTURE. HANGERS ARE 1/2" DIA. COMPASSIBLE WIRE MESH WITH 1/2" DIA. (MIN. 1/2" TO 1.5" MAX) TYP. WITH EXTENDS A MINIMUM OF 1' BEYOND EACH SIDE OF THE INLET STRUCTURE. THE STRIPS SHALL BE OVERLAPPED.
7. POST NO. 1 CORNER HANGER SHALL BE PLACED OVER THE WIRE MESH AS INDICATED ON PLATE 1.00. THE DEPTH OF STORM SHALL BE AT LEAST 12" DEEPER OVER THE ENTIRE INLET DEPTH. THE STORM SHALL BE 12" DEEPER BEFORE THE INLET STRUCTURE AT LEAST 18" DEEPER ON ALL SIDES.
8. IF THE STORM FILTER STRUCTURE CLOSURE WITH SEDIMENT SO THAT IT NO LONGER ABSOLUTELY PERFORMS ITS FUNCTION, THE STORMS MUST BE PULLED AWAY FROM THE INLET, CLEARED AND REPLACED.
9. BALES SHALL BE EITHER WIND-BOUND OR STABILIZED WITH THE HANGERS SHOWN AROUND THE BALE RATHER THAN OVER AND UNDER THE BALES.
10. BALES SHALL BE PLACED IN A ROWS AND SURROUNDING THE INLET. THE ENDS OF ADJACENT BALES OVERLAP TOGETHER.
11. THE FILTER BARRIER SHALL BE STRENGTHENED AND BACKFILLED. A BACKFILL SHALL BE PLACED TO THE INSIDE OF THE BALE. AFTER THE BALE ARE STAGED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
12. EACH BALE SHALL BE SECURED WITH BARS AND HELD IN PLACE BY AT LEAST TWO STAGES OR ANCHORS DRIVEN THROUGH THE BALE.
13. LOWER MATERIAL SHOULD BE REMOVED BETWEEN BALES TO PREVENT WASH FROM PASSING BETWEEN BALES.
14. BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING RAINFALLS.
15. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES. END RIMS AND UNDERCUTTING BENEATH BALES.
16. NECESSARY REPAIRS TO HANGERS OR REPLACEMENT OF BALES BE ACCOMPLISHED PROMPTLY.
17. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF SEDIMENT REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
18. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STORM BALE BARRIER IS NO LONGER REQUIRED SHALL BE REMOVED TO CONFORM TO THE EXISTING GRADE, PAVERS AND SLOPES.
19. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING RAINFALLS. RAINFALL ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
20. SHOULD THE FABRIC OF A BALE FAULT OR FILTER BARRIER DISCOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE PERMITTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
21. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.

22. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE OBLIGATED TO CONFORM WITH THE EXISTING GRADE, PAVERS AND SLOPES.
23. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
24. SEDIMENT SHALL BE REMOVED AND THE TRAP RETURNED TO ITS ORIGINAL DIMENSIONS WHICH THE SEDIMENT HAS ACCUMULATED TO THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE COLLECTED IN A SUITABLE MANNER AND IN SUCH A MANNER THAT IT WILL NOT FLOOD.
25. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST PRACTICES AND STANDARD CONSTRUCTION PRACTICES AS OUTLINED IN THE PLAN, SPECIFICATIONS AND BY OTHER WATER MANAGEMENT DISTRICT SPECIFICATIONS AND CRITERIA.
26. PROPOSED AND EXISTING CONSTRUCTION SHALL BE IN SUCH ALIGNMENT TO ALL WETLAND AREAS WHERE THERE IS OVERLAP FOR CONSTRUCTION WATER QUALITY IMPROVEMENT. ADD DETAIL SHEET FOR TYPICAL CONSTRUCTION.
27. ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
28. SSD SHALL BE PLACED IN AREAS WHICH HAS REDUCED IMMEDIATE FLOOD PROTECTION TO "FIGHT" WITH QUALITY STANDARDS NOT MAINTAINED.
29. ANY DISCHARGE FROM INDUSTRIAL ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE QUALITY IN A MANNER WHICH PREVENTS A HARMFUL TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.
30. DEPRESSURE AREAS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH PROVIDES A CONSEQUENT AND PREVENT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
31. ALL DEVELOPMENT SHALL BE STABILIZED THROUGH COMPACTION, Silt SCREEN, SLOPE, AND GRASSING. ALL Silt SCREENS SHALL BE REFERRED TO THESE STAGES SHALL BE.
32. ALL EXISTING BARRIERS, HANGERS, AND STABILIZED CONSTRUCTION SHALL REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED AS NECESSARY.
33. THIS PLAN INDICATES THE MINIMUM STORM AND SEDIMENT MANAGEMENT REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL APPLICABLE RULES, REGULATIONS AND OTHER LOCAL, STATE, FEDERAL AND FEDERAL TO INSTALL ADDITIONAL PROTECTION.
34. THE CONTRACTOR SHALL BE REQUIRED TO REFER TO ALL WATER MANAGEMENT DISTRICT REQUIREMENTS RELATIVE TO COMPLIANCE OF THIS PROJECT FOR EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PAID BY THE CONTRACTOR.



BALE DROP INLET SEDIMENT FILTER
N.T.S.

SPECIFIC APPLICATION:
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINAGE STRUCTURE IS OVERLAPPING EXISTING STRUCTURE AND THE INLET FABRIC SHALL NOT BE APPLICABLE TO THE EXISTING STRUCTURE. THE INLET SHALL BE REMOVED AND REPLACED WITH A NEW INLET FABRIC. THE INLET SHALL BE REMOVED AND REPLACED WITH A NEW INLET FABRIC. THE INLET SHALL BE REMOVED AND REPLACED WITH A NEW INLET FABRIC.

CROSS-SECTION OF A PROPERLY INSTALLED BALE
N.T.S.

SPECIFIC APPLICATION:
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINAGE STRUCTURE IS OVERLAPPING EXISTING STRUCTURE AND THE INLET FABRIC SHALL NOT BE APPLICABLE TO THE EXISTING STRUCTURE. THE INLET SHALL BE REMOVED AND REPLACED WITH A NEW INLET FABRIC. THE INLET SHALL BE REMOVED AND REPLACED WITH A NEW INLET FABRIC.

3/12/2023 10:03:11 PM madison T:\001\2023\21-141-01\TRANSMISSOR\STAFF\WATER\STORMWATER\SPRPROJ01.DWG MODEL: SPRPROJ2 [2mm] DWG

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

**CR 2209 SIDEWALK IMPROVEMENTS
STORM WATER POLLUTION
PREVENTION PLAN**

SHEET NO.
28

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G13-23.004, F.A.C.

2/13/2023 3:03:33 PM "r:\dscpr" C:\Users\jms7144\OneDrive\Documents\DESIGN\220201\CR2209\TC\GENERAL NOTES MODEL "GENERAL NOTES"

TEMPORARY TRAFFIC CONTROL NOTES

1. FOR TEMPORARY TRAFFIC CONTROL, THE CONTRACTOR SHALL-
 - 1.1 REFERENCE FDOT INDEX 102-600 FOR GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES.
 - 1.2 REFERENCE FDOT INDEX 102-602 FOR ALL SEGMENTS WHERE WORK WILL BE ACCOMPLISHED ON THE SHOULDER AND NO TRAVEL LANE IS EXPECTED TO BE CLOSED OR IMPACTED.
 - 1.3 REFERENCE FDOT INDEX 102-603 FOR ALL SEGMENTS WHERE ONE TRAVEL LANE IS EXPECTED TO BE CLOSED OR IMPACTED.
 - 1.4 REFERENCE FDOT INDEX 102-660 FOR ALL SEGMENTS WHERE A SIDEWALK IS EXPECTED TO BE CLOSED OR IMPACTED.
2. THE CONTRACTOR SHALL PROVIDE FOR ALL LANES OF TRAFFIC TO BE OPEN IN THE CASE OF AN EMERGENCY. THE CONTRACTOR SHALL RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE ST. JOHNS COUNTY WITHOUT DELAY UNDER THESE CONDITIONS. THE CONTRACTOR SHALL ALSO RESPOND WITHIN 30 MINUTES UPON NOTIFICATION BY THE ST. JOHNS COUNTY TO ANY REQUESTS FOR CORRECTION, IMPROVEMENT OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/OR DEVICES.
3. THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS SET FORTH IN "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.C.T.D.) 2009 EDITION" AND SERIES 102 OF THE STANDARD PLANS FY 2022-2023 EDITION AT ALL TIMES.
4. ALL TRAFFIC CONTROL DEVICES REQUIRED DURING A CONSTRUCTION PHASE SHALL BE INSTALLED AND APPROVED BY THE ST. JOHNS COUNTY OR REPRESENTATIVE PRIOR TO THE DIVERSION OF TRAFFIC AND THE COMMENCEMENT OF CONSTRUCTION AND SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 102-600. FDOT STANDARD PLANS INDEX 102-600 SHALL BE USED IN CONJUNCTION WITH ALL OTHER INDEXES SPECIFICALLY MENTIONED IN EACH TRAFFIC CONTROL PHASE.
5. THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT PROJECT BEGINNING AND ENDING AS DIRECTED BY THE ENGINEER.
6. ANY DAMAGE TO EXISTING ROADWAYS SHALL BE REPAIRED BY THE CONTRACTOR AND RESTORED TO PRIOR CONDITION. DAMAGE SHALL BE MILLED AND RESURFACES NOT PATCHED.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR RIGHT OF WAY MAINTAINCE WITHIN THE CONSTRUCTION AREA AND AREAS MADE INACCESSIBLE DUE TO CONSTRUCTION THROUGHOUT THE TERM OF CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PEDESTRIAN TRAFFIC DURING CONSTRUCTION. ALL TEMPORARY PEDESTRIAN WALKWAYS SHALL MEET A.D.A. REQUIREMENTS, INCLUDING A MAXIMUM CROSS SLOPE OF 2% WHERE TEMPORARY PEDESTRIAN WALKWAYS CROSS SIDE STREET AND DRIVEWAY CONNECTIONS. WHEN AN ALTERNATIVE PAVED PEDESTRIAN ROUTE IS NOT FEASIBLE, THE CONTRACTOR SHALL MAINTAIN A 4' WIDE STABLE PEDESTRIAN PATHWAY IN ACCORDANCE WITH FDOT INDEX #102-660.
9. NOTIFY THE TRAFFIC OPERATIONS (904-209-0170) & TRAFFIC ENGINEERING DIVISION (904)255-7533) A MINIMUM OF 5 WORKING DAY S PRIOR TO IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN.
10. IF SIGNS ARE DAMAGED DURING CONSTRUCTION ACTIVITY, THE CONTRACTOR IS REQUIRED TO REPLACE THEM IMMEDIATELY IN ACCORDANCE WITH THE CURRENT COUNTY STANDARD SPECIFICATIONS
11. TRAFFIC CONTROL PLANS WITHING THE FDOTRIGHT-OF-WAY ARE SUBJECT TO FDOT APPROVAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



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 MATTHEW S. MAGGIORE

St Johns County		
DATE	COUNTY	PROJECT NO.
MARCH 2023	St Johns	22-141-01

CR 2209 SIDEWALK IMPROVEMENTS
TRAFFIC CONTROL
GENERAL NOTES

SHEET NO.
29