# RAILROAD REIMBURSEMENT AGREEMENT GRADE CROSSING TRAFFIC CONTROL DEVICES – COUNTY

FII	NANCIAL PROJECT NO.	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER	
	452084-1-57-01	46TH AVENUE NORTH	PINELLAS	15000-4090	D723 007 B	

THIS AGREEMENT, made and entered into this <u>3</u> day of <u>August 2023</u>, by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, hereinafter called the DEPARTMENT, and <u>CSX TRANSPORTATION INC</u>, a corporation organized and existing under the laws of <u>VIRGINIA</u>, with its principal place of business in the City of <u>JACKSONVILLE</u>, County of <u>DUVAL</u>,

State of <u>FLORIDA</u>, hereinafter called the COMPANY; and <u>PINELLAS</u>, County, a political subdivision of the State of Florida, acting by and through its Board of County Commissioners, hereinafter called the COUNTY.

### WITNESSETH:

WHEREAS, the DEPARTMENT is constructing, reconstructing or otherwise changing a portion of the Public Road System, designated by the Financial Project ID <u>452084-1-57-01</u>, on <u>46th Avenue North</u>, which crosses at grade the right of way and tracks of the COMPANY'S Milepost <u>894.46</u>, FDOT/AAR Crossing Number <u>626693F</u>, at or near <u>St. Petersburg</u>, as shown on DEPARTMENT'S Plan Sheet No. 1-2, attached hereto as a part hereof; and

NOW, THEREFORE, in consideration of the mutual undertakings as herein set forth, the parties hereto agree as follows:

- 1. The COMPANY shall furnish the necessary materials and install Automatic Grade Crossing Signals Type II Class III which includes Cantilever, Flashing Lights and Gates at said location on an actual cost basis, and in accordance with (1) the attached detailed statement of the work, plans, and specifications; and (2) the Standard Plans Index 509-070 and 711-001, and the FDOT Design Manual (FDM), as amended by the Freight and Multimodal Operations Bulletin 21.01, dated February 12, 2021, which is attached hereto and by reference made a part hereof.
- 2. After installation of said signals is completed, <u>fifty (50%)</u> percent of the expense thereof in maintaining the same shall be borne by the COUNTY and <u>fifty (50%)</u> percent shall be borne by the COMPANY, as enumerated by the Schedule of Annual Cost of Automatic Highway Grade Crossing Devices attached hereto and by this reference made a part hereof and subject to future revision.
- After said signals have been installed and found to be in satisfactory working order by the parties hereto, the same shall be immediately put into service, operated and maintained by the COMPANY so long as said COMPANY or its successors or assigns shall operate the said signals at said grade crossing; or until it is agreed between the parties hereto that the signals are no longer necessary or until the said crossing is abandoned; or legal requirements occur which shall cease operation of signals thereat. The COMPANY agrees that any future relocation or adjustment of said signals shall be performed by the COMPANY, but at the expense of the party initiating such relocation. Upon relocation the maintenance responsibilities shall be in accordance with the provisions of this agreement. It is further agreed that the cost of maintaining any additional or replacement signal equipment at the same location will be shared as provided under Paragraph 2. above.

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- 4. Unless otherwise agreed upon herein, the COUNTY agrees to ensure that at the crossing the advancewarning signs and railroad crossing pavement markings will conform to the U.S. Department of Transportation Manual on Uniform Traffic Control Devices within 30 days of notification that the railroad signal improvements have been completed and that such signs and pavement markings will be continually maintained at an acceptable level.
- 5. The COMPANY hereby agrees to install and/or adjust the necessary parts of its facilities along said road in accordance with the provisions set forth in the:
  - (a) DEPARTMENT Procedure No. 725-080-002 Appendix D.4, and Rule 14.57.011 "Public Railroad-Highway Grade Crossing Costs", Florida Administrative Code.
  - (b) Federal Highway Administration Federal-Aid Policy Guide, 23 C.F.R. Subchapter G, Part 646, Subpart B, and 23 C.F.R., Subchapter B, Part 140, Subpart I,

and any supplements thereto or revisions thereof, which, by reference hereto, are made a part hereof. The COMPANY further agrees to do all of such work, with its own forces or by a contractor paid under a contract let by the COMPANY, all under the supervision and approval of the DEPARTMENT and the Federal Highway Administration, when applicable.

- 6. The DEPARTMENT hereby agrees to reimburse the COMPANY for all costs incurred by it in the installation and/or adjustment of said facilities, in accordance with the provisions of Procedure No. 725-080-002 Appendix D-4 "Billing Requirements," and any supplements thereto or revisions thereof. It is understood and agreed by and between the parties hereto that preliminary engineering costs not incorporated within this agreement shall not be subject to payment by the DEPARTMENT.
- 7. Attached hereto, and by this reference made a part hereof, are plans and specifications of the work to be performed by the COMPANY pursuant to the terms hereof, and an itemized estimate of the cost thereof in the amount of \$424,440.00. All work performed by the COMPANY pursuant hereto, shall be performed according to these plans and specifications as approved by the DEPARTMENT and the Federal Highway Administration if federal aid participating; and all subsequent plan changes shall likewise be approved by the DEPARTMENT and the Federal Highway Administration, when applicable.
- 8. All labor, services, materials, and equipment furnished by the COMPANY in carrying out the work to be performed hereunder shall be billed by the COMPANY direct to the DEPARTMENT. Separate records as to the costs of contract bid items and force account items performed for the COMPANY shall also be furnished by the COMPANY to the DEPARTMENT.

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

# RAILROAD REIMBURSEMENT AGREEMENT GRADE CROSSING TRAFFIC CONTROL DEVICES – COUNTY

	9.	The COMPANY has determined that the method to be used in developing the relocation or installation cost
shall be	as spe	ecified for the method checked and described hereafter:
		(a) Actual and related indirect costs accumulated in accordance with a work order accounting procedure prescribed by the applicable Federal or State regulatory body.
		(b) Actual related indirect costs accumulated in accordance with an established accounting procedure developed by the COMPANY and approved by the DEPARTMENT.
		(c) An agreed lump sum \$ , as supported by a detail analysis of estimated cost attached hereto. (NOTE: This method is not applicable where the estimated cost of the proposed adjustment exceeds \$100,000.)
and/or n	onreim	The installation and/or adjustment of the COMPANY'S facility as planned  will  will not nal work over and above the minimum reimbursable requirements of the DEPARTMENT. (If upgrading abursable work is involved at the option of the COMPANY, then credit against the cost of the project is rill be governed by the method checked and described hereafter):
·		
		(a)% will be applied to the final billing of work actually accomplished to determine required credit for (betterment) and/or (expired service life) and/or (nonreimbursable segments).
		<ul> <li>(b) All work involving nonreimbursable segments will be performed by special COMPANY work or job order number apart and separate from the reimbursable portion of the work; such work or job order number to be The COMPANY further agrees to clearly identify such additional work areas in the COMPANY'S plans and estimates for the total work covered by this Agreement.</li> <li>(c) \$ credited for betterment expired service life nonreimbursable segments in accord with Article 9.(c) hereinabove.</li> </ul>
	11.	It is specifically agreed by and between the DEPARTMENT and the COMPANY that the DEPARTMENT
shall re	ceive fa	air and adequate credit for any salvage which shall accrue to the COMPANY as a result of the above
installat	ion and	d/or adjustment work.
	12.	It is further agreed that the cost of all improvements made during this adjustment work shall be borne by

the COMPANY, subject only to the DEPARTMENT bearing such portion of this cost as represents the cost of

adjustment of previously existing facility, less salvage credit as set forth in the immediately preceding paragraph.

# RAILROAD REIMBURSEMENT AGREEMENT GRADE CROSSING TRAFFIC CONTROL DEVICES – COUNTY

13. Upon completion of the work the COMPANY shall, within one hundred eighty (180) days, furnish the DEPARTMENT with two (2) copies of its final and complete billing of all costs incurred in connection with the work performed hereunder, such statement to follow as closely as possible the order of the items contained in the estimate attached hereto. The totals for labor, overhead, travel expense, transportation, equipment, material and supplies, handling costs and other services shall be shown in such a manner as will permit ready comparison with the approved plans and estimates. Materials shall be itemized where they represent major components of cost in the relocation following the pattern set out in the approved estimate as closely as is possible. Salvage credits from recovered and replaced permanent and recovered temporary materials shall be reported in said bills in relative position with the charge for the replacement or the original charge for temporary use.

The final billing shall show the description and site of the Project; the date on which the first work was performed, or, if preliminary engineering or right-of-way items are involved, the date on which the earliest item of billed expense was incurred; the date on which the last work was performed or the last item of billed expense was incurred; and the location where the records and accounts billed can be audited. Adequate reference shall be made in the billing to the COMPANY'S records, accounts and other relevant documents. All cost records and accounts shall be subject to audit by a representative of the DEPARTMENT. Upon receipt of invoices, prepared in accordance with the provisions of the above indicated Reimbursement Policy, the DEPARTMENT agrees to reimburse the COMPANY in the amount of such actual costs as approved by the DEPARTMENT'S auditor.

- 14. Payment shall be made only after receipt and approval of goods and services unless advance payments are authorized by the DEPARTMENT's Comptroller under Section 334.044(29), F.S., or by the Department of Financial Services under Section 215.422(14), Florida Statutes (F.S.).
- 15. In accordance with Section 287.058, Florida Statutes, the following provisions are in this Agreement: If this Contract involves units of deliverables, then such units must be received and accepted in writing by the Contract Manager prior to payments. Bills for fees or other compensation for services or expenses shall be submitted in detail sufficient for a proper preaudit and postaudit thereof.

# RAILROAD REIMBURSEMENT AGREEMENT GRADE CROSSING TRAFFIC CONTROL DEVICES – COUNTY

- 16. Bills for travel expenses specifically authorized in this agreement shall be submitted and paid in accordance with DEPARTMENT Rule 14-57.011 "Public Railroad-Highway Grade Crossing Costs" and the Federal Highway Administration Federal-Aid Policy Guide, Subchapter B, Part 140, Subpart I "Reimbursement for Railroad Work."
- 17. In accordance with Section 215.422, Florida Statutes, the following provisions are in this Agreement: Contractors providing goods and services to the Department should be aware of the following time frames. Upon receipt, the Department has five (5) working days to inspect and approve the goods and services, unless the Agreement specifies otherwise. The Department has 20 days to deliver a request for payment (voucher) to the Department of Financial Services. The 20 days are measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved.

If a payment is not available within 40 days, a separate interest penalty at a rate as established pursuant to Section 215.422(3)(b), Florida Statutes, will be due and payable, in addition to the invoice amount, to the Contractor. Interest penalties of less than one (1) dollar will not be enforced unless the Contractor requests payment. Invoices which have to be returned to a Contractor because of Contractor preparation errors will result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the Department.

A Vendor Ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for contractors/vendors who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at (850) 413-5516 or by calling the Division of Consumer Services at 1-877-693-5236.

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### STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

# RAILROAD REIMBURSEMENT AGREEMENT GRADE CROSSING TRAFFIC CONTROL DEVICES – COUNTY

18. In the event this contract is for services in excess of TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) and a term for a period of more than one year, the provisions of Section 339.135(6)(a), Florida Statutes, are hereby incorporated:

The Department, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the Comptroller of the Department that such funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding one year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the Department which are for an amount in excess of TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) and which have a term for a period of more than one year.

19. In accordance with Section 287.133 (2)(a), Florida Statutes, the following provisions are included in this Agreement:

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s.287.017 for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

20. In accordance with Section 287.134(2)(a), Florida Statutes, the following provisions are included in this Agreement:

An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.

21. In accordance with Section 287.0582, Florida Statutes, the following provision is included in this Agreement:

The Department's obligation to pay under this contract is contingent upon an annual appropriation by the Florida Legislature.

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### STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

# RAILROAD REIMBURSEMENT AGREEMENT GRADE CROSSING TRAFFIC CONTROL DEVICES – COUNTY

### 22. The COMPANY shall:

- 1. utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of all new employees hired by the COMPANY during the term of the contract; and
- 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.
- use steel and iron manufactured in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Ensure that all manufacturing processes for this material occur in the United States. As used in this specification, a manufacturing process is any process that modifies the chemical content, physical shape or size, or final finish of a product, beginning with the initial melting and continuing through the final shaping and coating. If a steel or iron product is taken outside the United States for any manufacturing process, it becomes foreign source material. When using steel or iron materials as a component of any manufactured product (e.g., concrete pipe, prestressed beams, corrugated steel pipe, etc.), these same provisions apply. Foreign steel and iron may be used when the total actual cost of such foreign materials does not exceed 0.1% of the total Contract amount or \$2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work but are not applicable to steel and iron items that the COMPANY uses but does not incorporate into the finished work. Submit a certification from the manufacturer of steel or iron, or any product containing steel or iron, stating that all steel or iron furnished or incorporated into the furnished product was produced and manufactured in the United States or a statement that the product was produced within the United States except for minimal quantities of foreign steel and iron valued at \$ (actual cost). Submit each such certification to the Engineer prior to incorporating the material or product into the project. Prior to the use of foreign steel or iron materials on a project, submit invoices to document the actual cost of such material, and obtain the Engineer's written approval prior to incorporating the material into the project; and
- 4. comply with all the requirements imposed by Title VI of the Civil Rights Act of 1964, the regulations of the U.S. Department of Transportation issued thereunder, and the assurance by the COMPANY pursuant thereto. The COMPANY shall include the attached Title VI / Nondiscrimination Assurance in all contracts with consultants and contractors performing work on the Project that ensure compliance with Title VI of the Civil Rights Act of 1964, 49 C.F.R. Part 21, and related statutes and regulations.

# STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION RAILROAD REIMBURSEMENT AGREEMENT GRADE CROSSING TRAFFIC CONTROL DEVICES – COUNTY

- 23. It is understood and agreed by the parties to this Agreement that if any part, term, or provision of this Agreement is held illegal by the courts or in conflict with any law of the State of Florida, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term, or provision held to be invalid.
- 24. Any questions or matters arising under this Agreement as to validity, construction, enforcement, performance, or otherwise, shall be determined in accordance with the laws of the State of Florida. Venue for any action arising out of or in any way related to this Agreement shall lie exclusively in a state court of appropriate jurisdiction in Leon County, Florida.
  - 25. The parties agree to bear their own attorney's fees and costs with respect to this Agreement.
  - 26. The parties agree that this Agreement is binding on the parties, their heirs-at-law, and their assigns and successors in interest is evidenced by their signatures and lawful executions below.
- 27. 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.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed by their duly authorized officers, the day and year first above written.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
BY:	
(TITLE: Justin Hall, Director of Transportation Dev	elopment)
COMPANY: CSX TRANSPORATION INC	
BY: 8 ong C. Bellenny	Tony C Bellamy Sr Director Design & Construction
(TITLE:	)

PINELLAS			COUNTY , F	COUNTY , FLORIDA			
BY:	Bury 0						
	(TITLE: <u>Cou</u>	nty Adminis	trator)				
Legal	Review		Approved as to Funds Avail	able	Approved as to FAPO	G .	
BY:	Attorney - DOT	Date	BY: Robin M Naitove, CPA Comptroller - DOT	3/21/2023 Date	Requirements BY: <u>Ma</u> FHWA	<u>rk Chapin</u> 3/17/2023 Date	

APPROVED AS TO FORM

By: <u>Joseph Morrissey</u> Office of the County Attorney ESTIMATE SUBJECT TO REVISION AFTER: 8/23/2023 DOT NO.: 626693F

CITY: St. Petersburg COUNTY: Pinellas STATE: FL

**DESCRIPTION:** 46th Avenue North - Installation of (2) cantilever / gate combo units, meter service, 6x6 house and

train detection.

**ZONE**: Florida **SUB-DIV**: Clearwater **MILE POST**: ARE 894.46

AGENCY PROJECT NUMBER: Pinellas County, Florida Board of County Commissioners

	PRELIMINARY ENGINEERING:	
212	Contracted & Administrative Engineering Services	\$ 9,000
	Subtotal	\$ 9,000
	CONSTRUCTION ENGINEERING/INSPECTION:	
212	Contracted & Administrative Engineering Services	\$ 6,500
	Subtotal	\$ 6,500
	FLAGGING SERVICE: (Contract Labor)	
70	Labor (Conductor-Flagman)	\$ -
50	Labor (Foreman/Inspector)	\$ -
70	Additive (Transportation Department)	\$ -
50	Additive (Engineering Department)	\$ -
	Subtotal	\$ -
	SIGNAL & COMMUNICATIONS WORK:	\$ 310,992
	TRACK WORK:	\$ -
	PROJECT SUBTOTAL:	\$ 326,492
900	CONTINGENCIES: 30.00%	\$ 97,948
	PROJECT TOTAL:	\$ 424,440
	CURRENT AUTHORIZED BUDGET:	\$ -
	TOTAL SUPPLEMENT REQUESTED:	\$ 424,440
	DIVISION OF COST:	
	Agency <u>100.00%</u>	\$ 424,440
	Railroad <u>0.00%</u>	\$ -

### NOTE: Estimate is based on FULL CROSSING CLOSURE during work by Railroad Forces.

This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Chief Engineer Public Projects--Jacksonville, Florida

Estimated prepared by: C Powell Approved by: KSW CSXT Public Project Group

DATE: 08/23/22 REVISED: DATE: 09/26/22

Florida Department of Transportation Federal Authorization Management System

# Notice of Approved Authorization

From Federal highway Administration to Participate in Project Costs Incurred After the Effective Date of Authorization Noted Below

Federal Aid Project Number: **D723 007 B** State Project Number: **452084 1 57 01** 

This Notice of Approved Authorization is issued with the stipulation that the Florida Department of Transportation agrees to comply with the applicable terms and conditions set forth in (1) Title 23, U.S. Code, Highways, (2) The regulations issued pursuant thereto and (3) the policies and procedures promulgated by the Federal Highway Administration relative to the above designates project. The Florida Department of Transportation also agrees to comply with the applicable provisions set forth in CFR Part 630, Subpart C.

## Project Location:46TH AVENUE NORTH AT RAILROAD NGCN:626693F RRMP:ARE 894.46;RAIL SAFETY PROJECT:CONSTRUCTION

Classification of phase of work
to be under agreement
Highway planning & Research
Preliminary Engineering
Right-of-Way
Construction

3/17/2023

Effective Date

of authorization

Federal Funds

 Urban/
 Federal
 Under Advanced

 Dist. Appr.
 FAIN
 With
 Total Cost Share
 AgreementConstruction

 07 YS40 693JJ22330000YS40FLD723007
 436,961.00 100.0%
 424,440.00
 0.00

Department of Transportation

Available funds certified by: JEFFERY W. BAILEY
Approval recommended by: LEROY RASBERRY
Approved and Authorized by: FORNICHER NIXSON
Date:3/10/2023
Date:3/10/2023

Federal Highway Administration

Approval Recommended by: Mark Chapin Date:3/17/2023
Approved and Authorized by: Mark Chapin Date:3/17/2023
Agreement Approved by: Pamela Angelo Date:3/17/2023

State remarks:

X Other

INITIAL AUTHORIZATION FOR RAIL SAFETY PROJECT; DESIGN WAS STATE FUNDED; (+) \$424,440 (FAC/NOMINAL RATES) = (YS40/100%) SOFT MATCH AMT = \$0

Division remarks:

federal share 100% mcc 3/13/23

This Notice of Authorization is not the official FHWA Approved project Agreement for the project designated above. The official Project Agreement must be printed from FHWA's Fiscal Management Information System (FMIS). The District Federal Aid Coordinator may obtain the Project Agreement at: https://fhwaapps.fhwa.dot.gov/

# FLORIDA DEPARTMENT OF TRANSPORTATION FUNDS APPROVAL

### ASV73

### 3/21/2023

### **CONTRACT INFORMATION**

Contract:	ASV73
Contract Type:	AC - RR CROSSING-PE/INSTAL (RR-XING/PE)
Method of Procurement:	R - RAILROAD/UTILITIES AGREEMENT
Vendor Name:	CSX TRANSPORTATION, INC.
Vendor ID:	F546000720022
Beginning Date of This Agreement:	03/01/2023
Ending Date of This Agreement:	12/31/2050
Contract Total/Budgetary Ceiling:	
Description:	Full Signal Safety Upgrade, Lights, Gates, Cantilever, Signal

### FUNDS APPROVAL INFORMATION

### FUNDS APPROVED/REVIEWED FOR ROBIN M. NAITOVE, CPA, COMPTROLLER ON 3/21/2023

Action:	Task Work Order
Reviewed or Approved:	APPROVED
Organization Code:	55072020727
Expansion Option:	AA
Object Code:	563000
Amount:	\$424,440.00
Financial Project:	45208415701
Work Activity (FCT):	127
CFDA:	
Fiscal Year:	2023
Budget Entity:	55100100
Category/Category Year:	088808/23
Amendment ID:	W001
Sequence:	00
User Assigned ID:	TRIPAR
Enc Line (6s)/Status:	0001/04

Total Amount: \$424,440.00

### CSX TRANSPORTATION – GOVERNMENT BILLING DEPT **NEW PROJECT FORM** To ensure compliance with Federal requirements, please provide the following information so that CSXT may accurately and appropriately setup and handle the necessary accounting associated with the proposed project. 452084-1 - 46th Avenue North \*1) Is the project Federally Funded? Yes \*2) Funding Source: If the project is funded Federal Highway Administration (FHWA) by multiple sources please provide the approximate anticipated percentage of the If multiple or other please describe here: total project cost to be paid by each source. RHH - Rail Highway Crossings - Hazard - Federal Funds \*3) Project Requirements Procurement Restrictions (e.g. Buy America(n), Buy State, US Steel) Procurement Restrictions Waiver Suspended / Debarred Davis-Bacon Act 🔲 E-Verify Other, please descibe here \*4) Single Audit Type: Please advise if the project is subject to single audit requirements by completing the appropriate box below (complete only one box). Not Applicable Florida Single Audit Federal Audit CSX is not subject to the Single Audit. (Florida Statute 215.97) Please Specify OMB Circular A-133 Uniform Guidance CSFA# Single Audit Status 1 2: Note: This audit is not related to the project specific audit performed by your agency. Vendor (CFDA # Not Required) Recipient (CFDA# Sub-Recipient (CFDA# Recipient. The Federal Sub-Recipient and Vendor Determination Checklist is enclosed for reference. <sup>2</sup> CFDA Number: If CSX is subject to the Federal Single Audit, please provide the Catalog of Federal Domestic Assistance (CFDA) <sup>3</sup> CSFA Number: If CSX is subject to the Florida Single Audit, please provide the Catalog of State Financial Assistance (CSFA) \*Please Note: Per 2 CFR 200.425(a), CSXT can recover Federal Audit costs directly through this project. For Audit related questions, contact GBCompliance@csx.com. 5) Agency Bill To Information Federal \*Name: N/A Florida Department of Transportation Award #: \*Legal Date of N/A 11201 N McKinley Drive MS 7-501, Tampa, Florida 33612 Address (1): Award: \*Phone: 813-975-6407 \*Email kenneth.madden@dot.state.fl.us Signature of Applicant Please sign, print (optional), and e-mail this form to the authorized CSX representative Signature of Applicant:

Date:

### FEDERAL SUBRECIPIENT AND VENDOR DETERMINATION CHECKLIST Reference 29CFR99.210 and OMB Circular A-133.210

### Subrecipient and Vendor Determinations

(a) General: An auditee may be a recipient, a subrecipient, and a vendor. Federal awards expended as a recipient or a subrecipient would be subject to audit under this part. The payments received for goods or services provided as a vendor would not be considered Federal awards. The guidance in paragraphs (b) and (c) of this section should be considered in determining whether payments rendered to CSX constitute a Federal award or a payment for goods and services.

### SUBRECIPIENT

- (b) Federal Award: Characteristics indicative of a Federal award received by a subrecipient are when the organization:
  - 1. Determines who is eligible to receive what Federal financial assistance
  - 2. Has its performance measured against whether the objectives of the Federal program are met
  - 3. Has responsibility for programmatic decision-making
  - 4. Has responsibility for adherence to applicable Federal program compliance requirements
  - Uses the Federal funds to carry out a program of the organization as compared to providing goods or services for a program of the pass-through entity

### VENDOR

- (c) Payment for goods and services:
  - 1. Provides the goods and services within normal business operation
  - 2. Provides similar goods or services to many different purchasers
  - 3. Operates in a competitive environment
  - 4. Provides goods or services that are ancillary to the operation of the Federal program
  - 5. Is not subject to compliance requirements of the Federal program
- (d) Use of judgment in making determination: There may be unusual circumstances or exceptions to the listed characteristics. In making the determination of whether a subrecipient or vendor relationship exists, the substance of the relationship is more important than the form of the agreement. It is not expected that all of the characteristics will be present and judgment should be used in determining whether an entity is a subrecipient or vendor.

Crossing No: 626693F	Roadway: 46TH AV	EN	RR S	treet:	Dis	trict: 7 County	y: Piı	nellas
PUBLIC HWY	At Grade	Commercia	ıl City: S	St Petersburg N	ear City Ope	en - Track Active	!	
Rank 2018: 1680	SR No.:		RR Com	npany:	CSX	Date: 12/19/202	22	
Rank 2017: 1690	CR No.:		Division	-	Jacksonville	Team Members:		
Rank 2016:	US No.:		Subdivis	ion Name:	CLEARWATER	David Grillo - F	DOT	- D7
Rank 2010.	Latitude: 2	7.813800	Branch I	Name:		Jeffrey Horning		
	Longitude: -82	2.680000	RR Mile	post:	004.40	Scott Willis - CS		
Field Review Comments:	City wants to let a side	alle municate	4 46-0	ia aa thia aaa		Kelli Phillips - F		гсо І
	City wants to let a side	ewaik project a	ıı ıne same ı	ime as this one	3	Bryan Shelama		
Team Recommendations:	Full Upgrade: 2 Gates	, 2 Cantilevers	, 2 Flashing	Lights LED, Cabir	net, Cable	1		
	Train Detection							
Highway Speed:		30		Train Speed Rar	ago:	10-10	_	
	30-59 D		-		_		금	
Crossing Angle:		····	-	Max Time Table	•	10	片	-
AADT:	6000 (20	1	-	Day Thru/Switch		/	님	
Percent Trucks:	6 (20	1	-	Night Thru/Switc		/	Щ	
School Buses:	9 (20	, , <u>, , , , , , , , , , , , , , , , , </u>		Train Service: F			Ш,	
Street Types:	Two-Way Str	. 1=1		Passenger Coun	-	0		
Thru Lanes:				Train Count Date	e: (	03/31/2011		
Aux Lanes:				Main Tracks:		1		
Hazmat Route?		ŒS 🔲		Other Tracks:				
Emergency Services Ro	ute? Y	′ES 🔲						
Emergency Notification	Signs: Y	res 🔲		Train Signals?		NO	$\Box$	
Crossbuck(4x4 post):				Train Signal Prox	kimity:	NO	Ħ	
Crossbuck Sign:		4		Train Detection:	Motion	n Detection	Ħ	
Stop Sign:				Event Recorder?	<b>?</b>	N	Ħ	
Yield Sign:				Number of Bells:		2	〒	
Low Ground Clearance	Sians:			Post Mounted Fl		1	Ħ	
Exempt Signs:	oigno.	IH		1 OSt Woulded 1 I	Backlights, In	candescent	H	-
Trespass Signs:		NO I		Roadway Gate C	_	0	Ħ	
W10-1 1	R10-6a 0	WE	3-1 0	Pedestrian Gate		0	H	-
l ,,,,,,,		W10			Count.	ŭ	片	- 3
	R11-2 0			Gates:	shin n Our Traffic	2	片	
W10-3 0	R15-2P 0	W10		Cantilevered Flas	shing Over Traffic:		H	
W10-4 0	R15-6 0	W10-9	9P 0	0		candescent	片	
W10-11 0	R15-6a 0	W10-1	1a 0		shing Not Over Tra	ffic: 0 YES	님	
W10-12 0	R15-7 0	W10-1	1b 0	Intersecting Roa	uway?			
R3-1a 0	R15-7a 0	W10-1	3P 0	Signalized?		NO		
R3-2a 0	R15-8 0	W10-1	4P 0	Interconnection:	Not Inte	erconnected		
	Pvt Crossing 0	W10-14		Traffic Signals C	ontrolling?			
R8-9 0	Look Out 0	W10-14		Preemption:				
			· —	Does traffic queu	e across the tracks	? NO		
			ow 0	Traffic Pre-Signa	ıls?	NO		
R8-10a 0		W10-1w/Beac		8" Count:		0	$\Box$	
R10-6 0	W3-3	LED Sig	ıns 0				H	- 6
Surface Installment Date	e:			12" Count:		9		
Surface Type:	ASPHALT AND T	IMBER		LED Count:	04/04/4000	0	H	
Pvmt Mrk:				Install - Upgrade	: 01/01/1980		브	
Surface Condition:	EXCE	LLENT		Maintenance Re	sponsibility:	COUNTY	Ш	
Approach:		Smooth		Roadway Paved	:	YES		
Vehicle Reaction:	A = No r			Tracks run down	street?	NO		
	A = No r			Sidewalks on Cre	ossing Approach?	NO		
Driver Reaction:		I		Sidewalks Thru (		N/A		
Rail/Pad Movement:	A = 8	Smooth L		Crossing illumina		NO		
Incident History:				Commerical Pow		YES		
				Alternative Powe		NO	$\Box$	

# 46th Avenue N Location Map



# 46th Avenue N – Existing Crossing



## COUNTY RESOLUTION GRADE CROSSING TRAFFIC CONTROL DEVICES AND FUTURE RESPONSIBILITY

FINANCIAL PROJECT NO.	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
452084-1-57-01	46TH AVENUE NORTH	PINELLAS	15000-4090	D723 007 B

A RESOLUTION AUTHORIZING EXECUTION OF A RAILROAD REIMBURSEMENT AGREEMENT FOR THE INSTALLATION OF GRADE CROSSING TRAFFIC CONTROL DEVICES, AND FUTURE MAINTENANCE AND ADJUSTMENT OF SAID DEVICES; PROVIDING FOR THE EXPENDITURE OF FUNDS; AND PROVIDING WHEN THIS RESOLUTION SHALL TAKE EFFECT.

RESOLUTION NO
ON MOTION OF Commissioner, seconded by Commissioner, the following RESOLUTION was
adopted:
WHEREAS, the State of Florida Department of Transportation is constructing, reconstructing or otherwise changing a portion of the Public Road System, on 46th Avenue North, which shall call for the installation and maintenance of railroad grade crossing traffic control devices for railroad grade crossing over or near said highway; and
NOW, THEREFORE, BE IT RESOLVED BY THE COUNTY COMMISSION OF PINELLAS COUNTY, FLORIDA;
That Pinellas County enter into a RAILROAD REIMBURSEMENT AGREEMENT with the State of Florida  Department of Transportation and the CSX Transportation Company for the installation and maintenance of certain grade crossing traffic control devices designated as Financial Project Number 452084-1-57-01 on 46th Avenue North, which crosses the right of way and tracks of the Company at FDOT/AAR Crossing No. 626693F located near St. Petersburg, Florida; and
That the County assume it's share of the costs for future maintenance and adjustment of said grade crossing traffic control devices as designated in the RAILROAD REIMBURSEMENT AGREEMENT; and
That the Chairman and Clerk of the Board of Commissioners be authorized to enter into such agreements with the State of Florida Department of Transportation and the CSX Transportation Company as herein described; and
That this RESOLUTION shall take effect immediately upon adoption.
INTRODUCED AND PASSED by the Board of County Commissioners of Pinellas County, Florida, in regular session this, day of,
Chairman of the Board of County Commissioners
ATTEST: (SEAL)
Clerk of the Board of County Commissioners

### RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES **ANNUAL MAINTENANCE COSTS**

FINANCIAL PROJECT NO.	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
452084-1-57-01	46 <sup>TH</sup> AVENUE NORTH	PINELLAS	15000-4090	D723 007 B

COMPANY NAME: CSX TRANSPORTATION INC. A. FDOT/AAR XING NO.: 626693F RR MILE POST TIE:<u>ARE 894.46</u> B. TYPE SIGNALS PROPOSED: TYPE II CLASS: III DOT INDEX: 509-070-1

### SCHEDULE OF ANNUAL COST OF AUTOMATIC HIGHWAY GRADE CROSSING TRAFFIC CONTROL DEVICES

### Annual Maintenance Cost Exclusive of Installation

CLASS	DESCRIPTION	COST*
I	2-Quadrant Flashing Lights with One Track	\$2,608.00
II	2-Quadrant Flashing Lights with Multiple Tracks	\$3,451.00
III	2-Quadrant Flashing Lights and Gates with One Track	\$3,934.00
IV	2-Quadrant Flashing Lights and Gates with Multiple Tracks	\$4,940.00
V	3 or 4-Quadrant Flashing Lights and Gates with One Track	\$7,777.00
VI	3 or 4-Quadrant Flashing Lights and Gates with Multiple Tracks	\$9,759.00

FLORIDA ADMINISTRATIVE RULE 14-57.011 **AUTHORITY:** 

Public Railroad-Highway Grade Crossing Costs

**EFFECTIVE DATE:** July 22, 1982 GENERAL AUTHORITY: 334.044, F.S. SPECIFIC LAW IMPLEMENTED: 335.141, F.S.

\*This schedule will become effective July 1, 2021 and will be reviewed every 5 years and revised as appropriate based on the Consumer Price Index for all Urban Consumers published by the U.S. Department of Labor.



RON DESANTIS GOVERNOR 605 Suwannee Street Tallahassee, FL 32399-0450 KEVIN J. THIBAULT, P.E. SECRETARY

# OFFICE OF DESIGN BULLETIN 21-02 TRAFFIC ENGINEERING AND OPERATIONS BULLETIN 21-01 FREIGHT AND MULTIMODAL OPERATIONS BULLETIN 21-01

DATE: February 12, 2021

TO: District Directors of Transportation Operations, District Directors of Transportation

Development, District Design Engineers, District Construction Engineers, District Structures Design Engineers, District Maintenance Engineers, District Consultant Project Management Engineers, District Roadway Design Engineers, District Traffic Operations Engineers, Program Management Engineers, District Materials Engineers, District Specifications Engineers, District Estimates Engineers, District Rail Administrators and Coordinators, District Safety Engineers, District Modal

DocuSigned by:

C7704ED8972C440..

Administrators, District Intermodal Systems Development Administrators

FROM: Tim Lattner, P.E., Director, Office of Design Tim Lattner

Trey Tillander, P.E., Director, Traffic Engineering and Operations Office

Rickey Fitzgerald, Manager, Freight and Multimodal Operations

Rickey Fitzgerald

DocuSigned by

COPIES: Courtney Drummond, Brad Thoburn, Will Watts, Dan Hurtado, Rudy Powell,

Michael Shepard, Stefanie Maxwell, Scott Arnold, Paul Hiers, Vern Danforth, Daniel Strickland, Robert Robertson, Lora Hollingsworth, Gevin McDaniel, Kevin

Burgess (FHWA), Chad Thompson (FHWA), Bren George (FHWA)

SUBJECT: Railroad At-Grade Crossings: Signing and Pavement Markings

This Bulletin introduces revisions to the *FDOT Design Manual (FDM)* and the *FDOT Standard Plans* for *Road and Bridge Construction (Standard Plans)* to further enhance safety at highway-railroad atgrade crossings.

### REQUIREMENTS

- 1. Delete *FDM 220.2.1.1* and replace it with Attachment 'A'.
- 2. **Standard Plans, Index 509-070** (Railroad Grade Crossing Traffic Control Devices) has been updated to remove signing and pavement marking details and is released as an **Interim Revision** (**IR509-070-1**) to the **FY 2020-21 Standard Plans**. See Attachment 'B'. An **Interim Revision**

Office of Design Bulletin 21-02 Traffic Engineering and Operations Bulletin 21-01 Freight and Multimodal Operations Bulletin 21-01 Railroad At-Grade Crossings: Signing and Pavement Markings Page 2 of 2

will also replace the original version of the Index published on October 30, 2020 with the *FY 2021-22 Standard Plans*.

3. Standard Plans, Index 711-001 (Pavement Markings) has been updated to include a 'Railroad Dynamic Envelope (RDE) Pavement Marking Detail' and 'Railroad Crossing Pavement Message' details. This update is released as an Interim Revision (IR711-001-1) to the FY 2020-21 Standard Plans. See Attachment 'C'. An Interim Revision will also replace the original version of the Index published on October 30, 2020 with the FY 2021-22 Standard Plans.

### **IMPLEMENTATION**

These requirements are effective immediately for all projects where the Railroad Dynamic Envelope Safety Countermeasures (per Traffic Engineering and Operations Bulletin 20-01, Roadway Design Bulletin 20-02, Program Management Bulletin 20-01, Construction Bulletin 20-02, and Freight and Multimodal Operations Bulletin 20-01) have not been installed. For projects where Railroad Dynamic Envelope Safety Countermeasures have already been installed, this new criteria may be used if the District determines that it will enhance the safety of the railroad crossing.

### **CONTACT**

Gevin McDaniel, P.E. Roadway Design Criteria Administrator <u>gevin.mcdaniel@dot.state.fl.us</u>

TL/TT/RF/gjm

# Attachment 'A'

### **220.2.1.1** Signing and Pavement Markings

**Exhibits 220-1** through **220-4** provide typical signing and pavement markings for Active Grade Crossings. Refer to the <u>MUTCD</u> for definitions and signing and pavement markings at Passive Grade Crossings.

Do not place turning movement lane-use pavement markings on the upstream approach between the railroad crossing pavement message and the tracks.

Where intersections occur between the W10-1 sign shown in *Exhibits 220-1* through **220-4** and the tracks, place an additional W10-1 sign between the intersection and the railroad gate.

Include Railroad Dynamic Envelope (RDE) pavement markings at Active and Passive Grade Crossings on:

- State Roads,
- State-owned rails, and
- State-owned property.

Any Variations to not install an RDE are to be approved by the Chief Engineer.

The determination of slightly or significantly skewed is at the discretion of the EOR.

Detail RDE pavement markings in the Plans in accordance with **Standard Plans, Index 711-001** and the details shown in **Exhibits 220-1** through **220-4**. Ensure the details in the plans include the following:

- (1) Orient RDE pavement markings:
  - (a) In the direction of the travel lanes at all approaches upstream of the crossing (i.e., transverse to the travel lanes).
    - i. For slightly skewed railroads extend the RDE markings transverse across all lanes, as shown in *Exhibits 220-2* and *220-3*.
    - ii. For significantly skewed railroads, step the RDE markings transverse across each lane, as shown in *Exhibit 220-4*.
  - (b) Along the railroad (i.e., parallel to the railroad tracks) for areas between tracks and downstream of the crossing.

### Topic #625-000-002 FDOT Design Manual

- (c) To maximize the visibility of the RDE pattern for both the upstream and downstream sides of the track. Locate markings in a manner to ensure the "X" pattern is identifiable to the motorists and bicyclists and centered in the lanes to the extent practicable.
- (2) Place RDE markings through the foul area as shown in *Exhibits 220-3* and *220-4*. If the railroad owner will not allow the RDE markings through the foul area, or the substrate material will not provide an appropriate bonding surface for the markings, keep the RDE markings outside of the railroad's foul area as shown in *Exhibits 220-1* and *220-2*.
- (3) Replace all skip lane lines with solid lines for the following distance: From stop bar to stop bar of each approach, then upstream and downstream for a Distance "A" plus 15 feet. For Distance "A", see table in *Exhibit 220-1*.
- (4) Continue solid longitudinal edge line, lane line, and centerline markings through the RDE pattern, maintaining a 9-inch clear space between the RDE pattern and the longitudinal lane lines or gore areas.
- (5) Refurbish all existing longitudinal lane lines, edge lines, and centerlines to remain in-place for the following minimum distance: From stop bar to stop bar of each approach, then upstream and downstream for a Distance "A" plus 15 feet. For Distance "A", see table in *Exhibit 220-1*.
- (6) Place RPMs at 10' maximum on center for the following distance: From stop bar to stop bar of each approach excluding the foul area, then upstream and downstream for a Distance "A" plus 15 feet. For Distance "A", see table in *Exhibit* 220-1.
- (7) For conditions where multiple tracks are configured non-parallel to each other, maintain the typical RDE pattern and fill the gap between the tracks, as necessary.
- (8) RDE markings must not interfere with any pedestrian crosswalk.

Consider the following additional provisions for Active and Passive Grade Crossings:

- For significantly skewed angles, corridor highway lighting for the following minimum distance: From stop bar to stop bar of each approach, then upstream and downstream for a Distance "A" plus 15 feet. For Distance "A", see table in *Exhibit 220-1*.
- For significantly skewed angles, curves, and intersections directly adjacent to crossings, consider using additional channelization techniques for the roadway alignment. Some channelization techniques include Internally Illuminated RPMs

### Topic #625-000-002 FDOT Design Manual

and Tubular Markers. When crest vertical curves impede the visibility of RPMs, Tubular Markers should be used. Consider excluding downstream RDE pattern when traffic queuing is not expected.

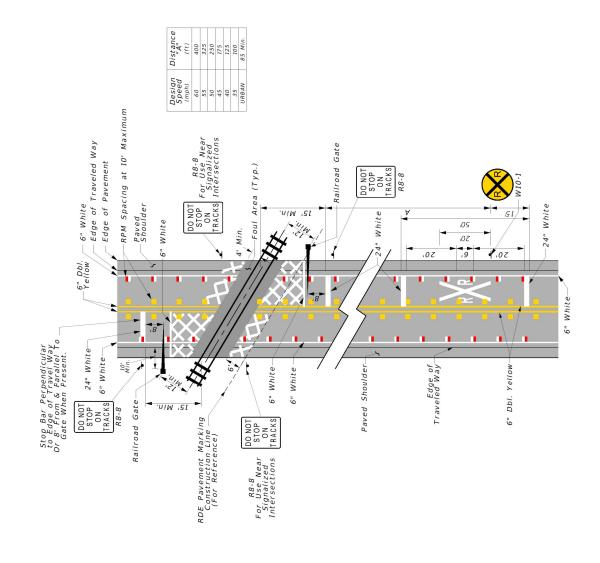
- Consider the use of through lane-use arrows. For turn lanes, a route shield may be used in conjunction with the through lane-use arrow.
- Remove all existing traffic control signs and pavement markings (e.g., turning signs and turning arrow lane-use pavement markings) from the upstream approach that may lead to driver confusion on the correct turning point for downstream turning movements.

For pavement marking material selection, see FDM 230.

For side roads with Active and Passive Grade Crossings within 100 feet of the edge of traveled way, include W10-2, W10-3 or W10-4 signs on the mainline state road in accordance with the *MUTCD*.

# RAILROAD CROSSING AT TWO-LANE ROADWAY

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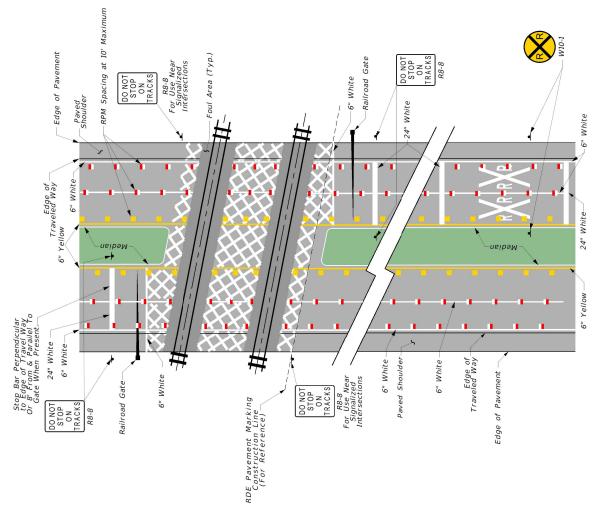


NOT TO SCALE

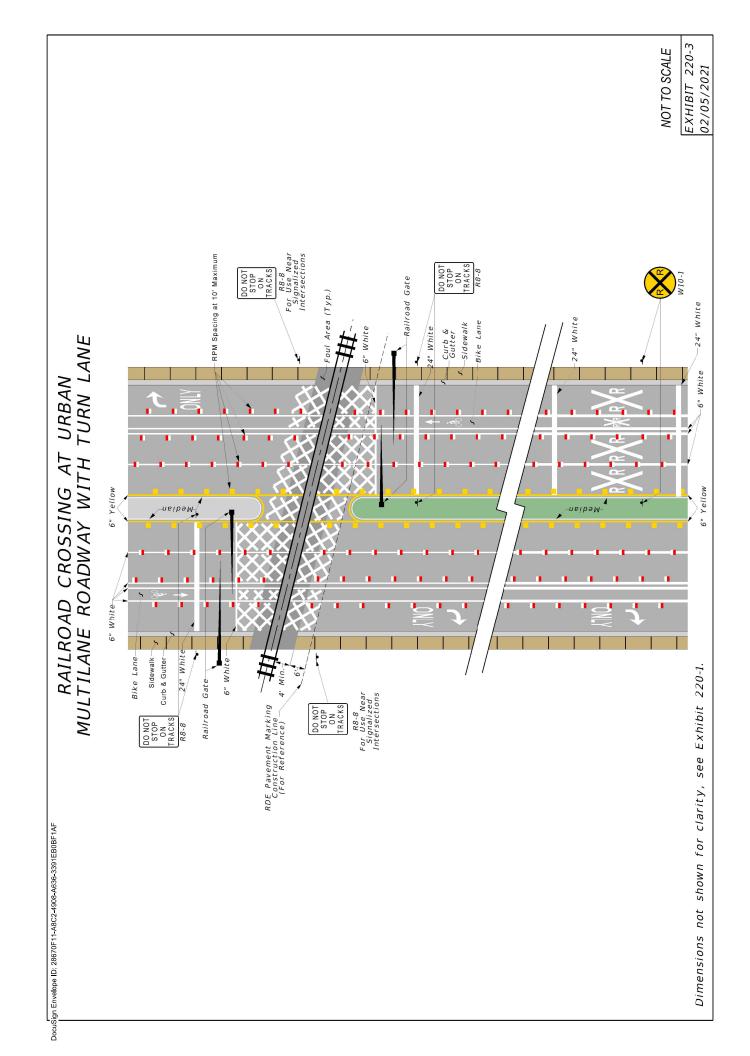
EXHIBIT 220-1 02/05/2021

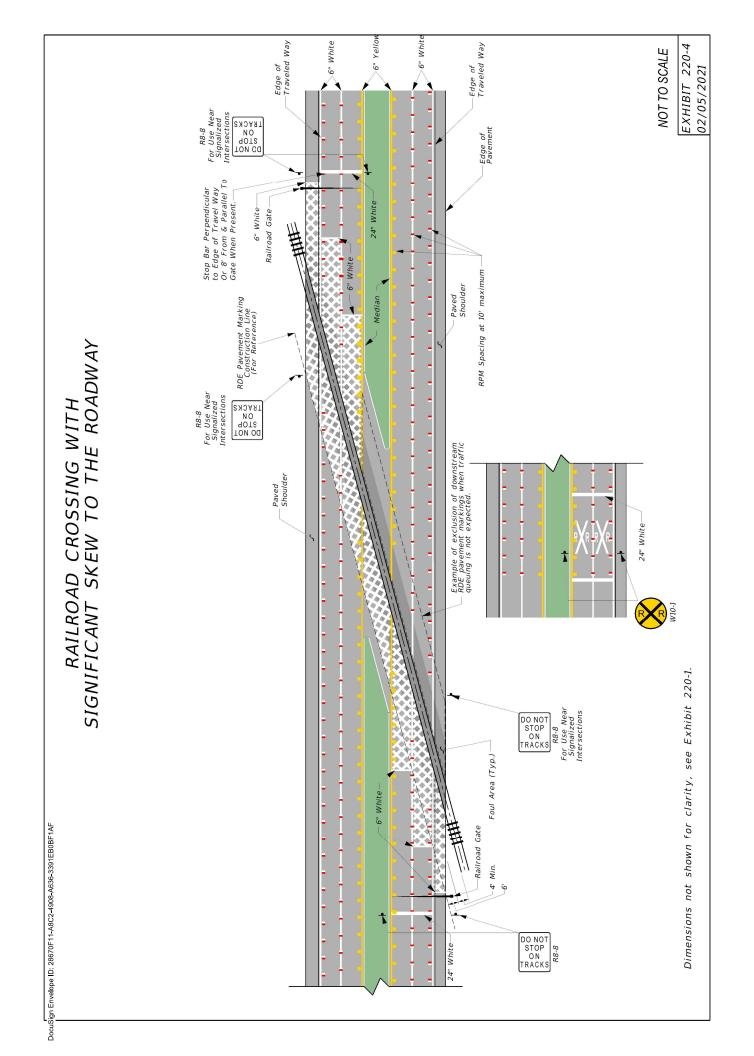
# RAILROAD CROSSING AT MULTILANE ROADWAY

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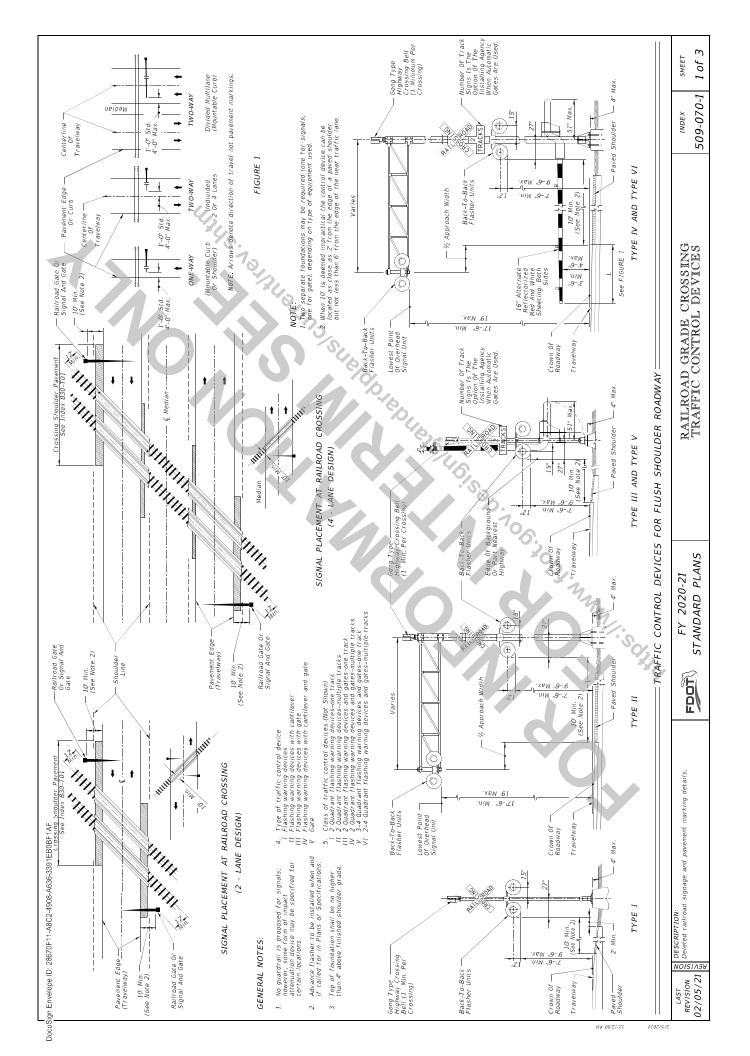


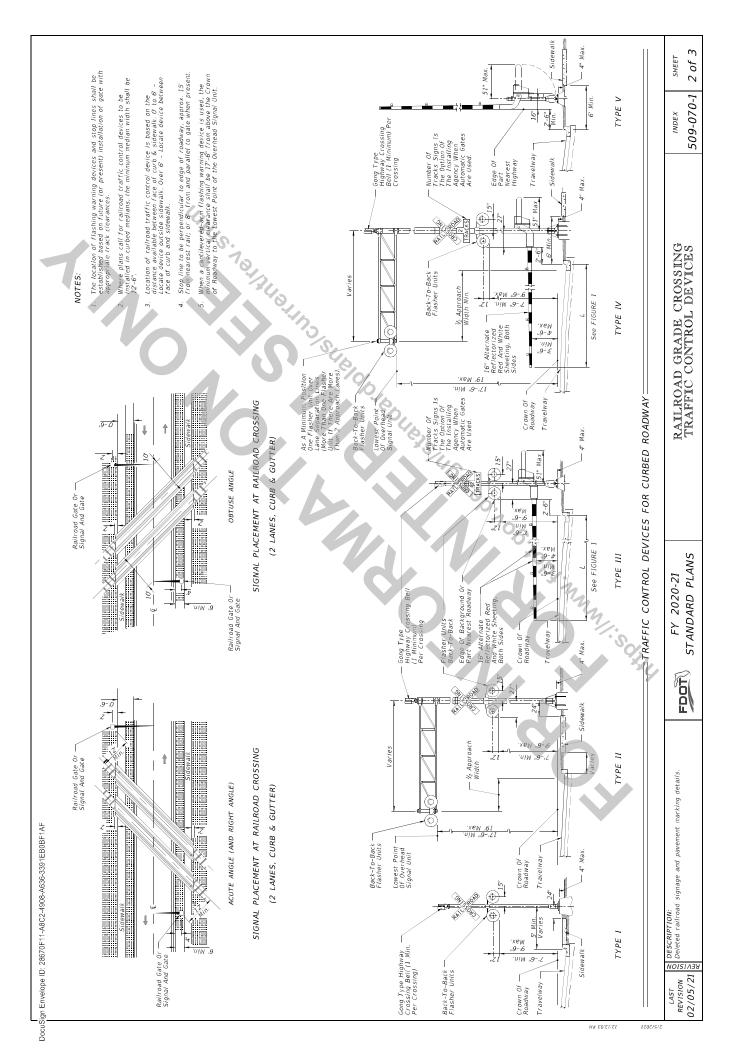
Dimensions not shown for clarity, see Exhibit 220-1.

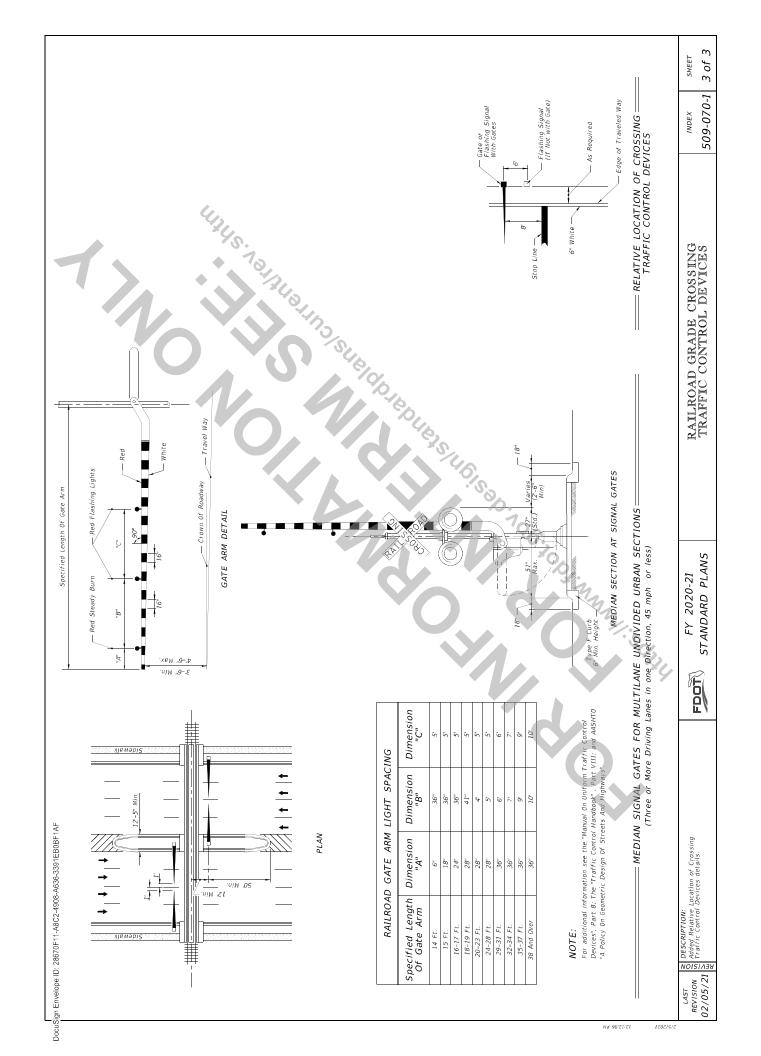




# Attachment 'B'







# Attachment 'C'

