

**STIPULATION OF PARTIES FOR THE
CLOSURE OF PRESTON STREET
RAILROAD-HIGHWAY GRADE CROSSING, FDOT CROSSING NUMBER 627867D**

City of Jacksonville (CITY), Jacksonville Port Authority (RAILROAD), and the Florida Department of Transportation (DEPARTMENT), by and through their undersigned representatives enter this Stipulation of Parties and agree to the following conditions:

1. The RAILROAD has filed an application to the DEPARTMENT for a permit to close Preston Street Railroad-Highway Grade Crossing, FDOT Crossing Number 627867D (hereinafter Preston Street Crossing), pursuant to Section 335.141(1), Florida Statutes, and Rule 14-57.012, Florida Administrative Code. A copy of the application is attached as EXHIBIT "A."
2. Preston Street Crossing is located at RAILROAD Milepost AS 0.75, Preston Street, Jacksonville, Florida, as shown on the map, attached as EXHIBIT "B."
3. The CITY currently maintains a railroad-highway grade crossing on Preston Street Crossing. There is one mainline track at the Preston Street Railroad-Highway Grade Crossing with four train movements per day. The maximum timetable train speed is ten miles per hour at this crossing location.
4. Prior to the start of the crossing's closure, the RAILROAD, at the RAILROAD'S expense, shall provide road closure notification and maintenance of traffic, and will erect, on each side of the crossing, permanent closure signs and object markers as identified in the DEPARTMENT'S Standard Plan, Index 700-109, attached as EXHIBIT "C."
5. The RAILROAD, at the RAILROAD'S expense, shall erect on each side of the crossing, traffic control work zone signs and object markers as identified in the DEPARTMENT'S Standard Plans, Index 102-000, attached as EXHIBIT "D."
6. The RAILROAD, at the RAILROAD'S expense, will remove all evidence of the crossing and

restore the RAILROAD'S right-of-way. The RAILROAD is responsible for removing all crossing warning signs and equipment, roadway pavement, and all crossing debris inside the RAILROAD'S right-of-way.

7. The RAILROAD will ensure that all Federal Railroad Administration Workplace Safety Regulations, to include flagging and insurance, are met for the improvements referenced in this Stipulation of Parties.
8. The RAILROAD will coordinate with the CITY a minimum of 72 hours in advance to starting any work related to the closing of the Preston Street Crossing.
9. Any work performed by the CITY, within the Preston Street Crossing will be coordinated a minimum of 72 hours in advance, except for emergency work for which immediate notice will be provided, with the RAILROAD to ensure that all Federal Railroad Administration Workplace Safety Regulations, to, include flagging and insurance, are met.
10. All work performed by the RAILROAD will be consistent with Manual of Uniform Traffic Control Devices (MUTCD) (2009 Edition), Federal Railroad Administration (FRA) Rules and Regulations, American Association of State Highway and Transportation Officials (AASHTO) Policy, the DEPARTMENT'S Manual of Uniform Minimum Standards for Design, Construction, and Maintenance for Streets and Highways (Florida's Green Book), and CITY requirements.
11. The RAILROAD will complete the USDOT Crossing Inventory Forms (OMB 2130-0017), attached as EXHIBIT "E," for the Preston Street Crossing closure and will submit the forms to the DEPARTMENT and to the FRA for inventory data entry no later than 60 days upon completion of the closure.
12. The CITY shall provide the DEPARTMENT a copy of the Resolution or a certified copy of the Minutes from the Clerk of Courts.
13. This Stipulation of Parties has been executed by all parties having an interest in this matter.

All parties waive hearing rights provided by Chapter 120, Florida Statutes, for the closure of Preston Street Crossing with this Stipulation of Parties.

14. Upon compliance with the terms of this Stipulation of Parties, the RAILROAD, CITY, and DEPARTMENT agree that the Preston Street Crossing shall hereafter in fact be a closed railroad-highway grade crossing.
15. The terms of this Stipulation of Parties may not be changed, waived, discharged, or terminated orally, but only by an instrument or instruments in writing, signed by the RAILROAD, CITY, and DEPARTMENT.
16. This Stipulation of Parties is governed by, and shall be interpreted and construed in accordance with, the laws of the State of Florida.
17. Any failure of any party to insist upon the strict performance of any terms or provisions of this Stipulation of Parties is not deemed to be a waiver of the terms of this Agreement.
18. As authorized by Section 335.141, Florida Statutes, and Rule Chapter 14-57, Florida Administrative Code, the DEPARTMENT authorizes the closure of the Preston Street Crossing as evidenced by this Stipulation of Parties, provided all conditions of this Stipulation are met and completed within 60 months of the execution of this Stipulation.

(THIS CONCLUDES THE BODY OF THIS STIPULATION OF PARTIES)

JACKSONVILLE PORT AUTHORITY (RAILROAD)

By: _____

Date: _____

CITY OF JACKSONVILLE (CITY)

By: _____

Date: _____

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION (DEPARTMENT)**

By: _____
State Freight and Logistics Administrator

Date: _____

LEGAL REVIEW (DEPARTMENT)

By: _____
Attorney, FDOT Central Office

Date: _____

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
RAILROAD GRADE CROSSING APPLICATION
CLOSING

ROAD NAME OR NUMBER	COUNTY/CITY NAME
Preston Street	Duval / Jacksonville

A. IDENTIFICATION

Submitted By:

Application For:

Applicant: Jacksonville Port Terminal Railroad

Closing a public highway-rail grade crossing
by:

Office: 904-634-1884

roadway removal
 rail removal

Telephone: 904-357-3201

Address: 2831 Talleyrand Ave.

Jacksonville, Florida 32206

B. CROSSING LOCATION

FDOT/AAR Crossing Number: 627867 D

Jurisdiction for Street or Roadway by Authority of: City County State

Local Popular Name of Street or Roadway: Preston Street

Railroad Company: Jacksonville Port Authority (Jacksonville Port Terminal Railroad)

Railroad Mile Post: 0.69

Submitted for the Applicant by: Douglas Menefee, Director Terminal Operations DATE: 7/31/2019
Name and Title

Application FDOT Review by: [Signature] DATE: 1/8/20
Central Rail Office

REFERENCES:
(Specific Legal Authority) 334.044 F.S.
(Law Implemented) 335.141 F.S.
(Administrative Rule) 14-57.012 F.A.C.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**RAILROAD GRADE CROSSING APPLICATION
 CLOSING**

CLOSING APPLICATION QUESTIONNAIRE

Maps, aeriels, and supporting documentation must be provided with the application.

If all parties, Applicant, Railroad, and Department, fail to agree to the rail crossing closure through a Stipulation of Parties, the Applicant must establish the closure meets the criteria found in Rule 14-67.012, Florida Administrative Code. This questionnaire will assist the Department in evaluating the criteria and is not intended to be an exclusive list of factors. If the information is not available or unknown, please mark N/A.

Florida Administrative Code criteria:**A) Safety**

- a-1. How will the crossing closure affect safety to drivers, pedestrians, cyclists, and rail personnel? alleviate public going over passive rail crossing
- a-2. What, if any, safety measures are proposed for adjacent crossings? new railroad yield signs on Evergreen
- a-3. Identify all highway traffic control devices and highway traffic signals at adjacent crossings that may be improved or upgraded if the subject crossing is closed. Pheonix rail crossing already upgraded
- a-4. What is the distance from the subject crossing to the nearest intersection? Identify the street. 1/10 mi 17th Street
- a-5. Are there structures, fences, or vegetation near the subject crossing that inhibits sight distance? Yes
- a-6. Identify major traffic generators (i.e., businesses, shopping malls, recreational areas, special events, etc.) in this area. Specify type, location, and distance to subject crossing. Berman Bros. Steel, in favor of closure
- a-7. Is the crossing located on a designated evacuation route? No
- a-8. Provide a traffic operations and safety analysis, with traffic issues evaluated for the railroad crossing closure. This analysis should include all adjacent rail crossings and roadways in the immediate vicinity and the increase in traffic predicted on these roadways from rerouting. extremely low traffic volumes on proposed road closure

B) Necessity for rail and vehicle traffic

- b-1. Is the crossing necessary to access property? No
- b-2. Provide description of land use on each side of the rail crossing. Business
- b-3. Are there any churches, schools, or hospitals within a mile or less of the subject crossing? Please list by name and location. No
- b-4. Annual Average Daily Traffic (AADT) at the crossing? 10 vehicles
- b-5. Level of service at the crossing?
- b-6. Percentage of truck traffic? 0
- b-7. Do trucks carrying hazardous materials use the crossing? No If so, approximately how many trips per day or week?
- b-8. How many school buses use the crossing daily? 0
- b-9. What is the estimated number of pedestrians and bike riders that use the subject crossing (daily/weekly)? 5
- b-10. Is the subject crossing on a local transit route? No
- b-11. Please provide any corridor studies or other preliminary traffic engineering studies that pertain to this crossing.

C) Alternate Routes

- c-1. Are there access roads available to property owners if the crossing is closed? Yes
- c-2. Name routes that can be used if the crossing is closed? Pheonix Avenue, Evergreen Street
- c-3. Are there traffic signals on these routes? No
- c-4. How does the proposed crossing closure impact the AADT at nearby public crossings? Provide estimated traffic count changes. 10 vehicles a day
- c-5. By driving alternate routes, during peak times, calculate the additional travel time and distance between two points (nearest intersection or major access) on either side of the subject crossing. Provide calculated times, routes, and distances. one minute

D) Effect on rail operations and expenses

- d-1. Provide current number and type of rail tracks at the subject crossing. 1 other than main lead
- d-2. Are there rail sidings or switches in the location of the subject crossing? No
- d-3. Is there a nearby rail yard? yes if so, what is the distance of the yard to the subject crossing. 2000 feet
- d-4. Provide the current number of daily train movements (number of switching or thru trains; number of passenger or freight trains). 5

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**RAILROAD GRADE CROSSING APPLICATION
CLOSING**

- d-5. Provide the approximate times during the day and evening that the crossing is blocked. 1000, 1300 and 1500
 - d-6. Provide the approximate length of time (i.e., minutes) that the crossing is blocked. less than 5 minutes
 - d-7. Provide minimum and maximum train speeds at the subject crossing. 5 mph and 10mph
 - d-8. What is the anticipated expansion of tracks and/or train movements? 3 train movements
 - d-9. What is the distance from the subject crossing to adjacent public crossings? (Identify adjacent crossings by road name and crossing number.) 1 tenth of a mile and 3 tenths of a mile 627872A and 627868K
- E) Excessive restriction to emergency type vehicles resulting from closure**
- e-1. Provide response from the Sheriff/Police Chief and Fire Chief to the proposed crossing closure.
 - e-2. Based on observation, the response from the City/County, or traffic studies, is this a route that emergency rescue would typically use? No
 - e-3. How many emergency rescue vehicles have used the crossing to respond to calls in the past 2-3 years? 0??
- F) Design of the grade crossing and road approaches**
- f-1. Identify and describe the condition of: crossing surface, rail warning devices (including pavement markings, signs, and highway traffic signals), sidewalks, bike lanes, and approaches on each side of subject crossing. passive crossbucks
 - f-2. Is the crossing surface and track higher than either side of the road (i.e., hump crossing)? No
 - f-3. What is the vehicular design speed at the subject crossing? 20
 - f-4. Number of lanes at the crossing? 2
 - f-5. Width of crossing?
 - f-6. Condition of roadway? Fair
- G) Presence of multiple tracks and their effect upon railroad and highway operations**
- g-1. Please confirm the number of tracks at the location and identify each track. 1 IL
 - g-2. How many train movements occur on each track and the types of trains that run on each track (passenger, thru freight, or switching freight and the number of cars)? 5 thru freight and switching

U. S. DOT CROSSING INVENTORY FORM

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D. Crossing Inventory Number (7 char.)

Part III: Highway or Pathway Traffic Control Device Information

1. Are there Signs or Signals? Yes No

2. Types of Passive Traffic Control Devices associated with the Crossing

2.A. Crossbuck Assemblies (count) 2

2.B. STOP Signs (R1-1) (count) 0

2.C. YIELD Signs (R1-2) (count) 0

2.D. Advance Warning Signs (Check all that apply; include count) W10-1 W10-2 W10-3 W10-4 W10-11 W10-12 None

2.E. Low Ground Clearance Sign (W10-5) Yes (count) No

2.F. Pavement Markings Stop Lines RR Xing Symbols Dynamic Envelope None

2.G. Channelization Devices/Medians All Approaches One Approach Median None

2.H. EXEMPT Sign (R15-3) Yes No

2.I. ENS Sign (I-13) Displayed Yes No

2.J. Other MUTCD Signs Yes No

2.K. Private Crossing Signs (if private) Yes No

2.L. LED Enhanced Signs (List types)

3. Types of Train Activated Warning Devices at the Grade Crossing (specify count of each device for all that apply)

3.A. Gate Arms (count) 0

3.B. Gate Configuration 2 Quad Full (Barrier) Resistance 3 Quad 4 Quad Median Gates

3.C. Cantilevered (or Bridged) Flashing Light Structures (count) Over Traffic Lane 0 Incandescent LED Not Over Traffic Lane 0 LED

3.D. Mast Mounted Flashing Lights (count of masts) 0 Incandescent LED Back Lights Included Side Lights Included

3.E. Total Count of Flashing Light Pairs 0

3.F. Installation Date of Current Active Warning Devices: (MM/YYYY) Not Required

3.G. Wayside Horn Yes No Installed on (MM/YYYY) _____

3.H. Highway Traffic Signals Controlling Crossing Yes No

3.I. Bells (count) 0

3.J. Non-Train Active Warning Flagging/Flagman Manually Operated Signals Watchman Floodlighting None

3.K. Other Flashing Lights or Warning Devices Count 0 Specify type _____

4.A. Does nearby Hwy Intersection have Traffic Signals? Yes No

4.B. Hwy Traffic Signal Interconnection Not Interconnected For Traffic Signals For Warning Signs

4.C. Hwy Traffic Signal Preemption Simultaneous Advance

5. Highway Traffic Pre-Signals Yes No Storage Distance * _____ Stop Line Distance * _____

6. Highway Monitoring Devices (Check all that apply) Yes - Photo/Video Recording Yes - Vehicle Presence Detection None

Part IV: Physical Characteristics

1. Traffic Lanes Crossing Railroad One-way Traffic Two-way Traffic Divided Traffic

2. Is Roadway/Pathway Paved? Yes No

3. Does Track Run Down a Street? Yes No

4. Is Crossing Illuminated? (Street lights within approx. 50 feet from nearest rail) Yes No

5. Crossing Surface (on Main Track, multiple types allowed) Installation Date * (MM/YYYY) _____ Width * _____ Length * _____

1 Timber Asphalt 3 Asphalt and Timber 4 Concrete 5 Concrete and Rubber 6 Rubber 7 Metal

8 Unconsolidated 9 Composite 10 Other (specify) _____

6. Intersecting Roadway within 500 feet? Yes No If Yes, Approximate Distance (feet) 700'

7. Smallest Crossing Angle 0° - 29° 30° - 59° 60° - 90°

8. Is Commercial Power Available? * Yes No

Part V: Public Highway Information

1. Highway System (01) Interstate Highway System (02) Other Nat Hwy System (NHS) (03) Federal Aid, Not NHS (08) Non-Federal Aid

2. Functional Classification of Road at Crossing (0) Rural (1) Urban (1) Interstate (5) Major Collector (2) Other Freeways and Expressways (3) Other Principal Arterial (6) Minor Collector (4) Minor Arterial (7) Local

3. Is Crossing on State Highway System? Yes No

4. Highway Speed Limit System? Posted Statutory _____ MPH

5. Linear Referencing System (LRS Route ID) *

6. LRS Milepost *

7. Annual Average Daily Traffic (AADT) Year _____ AADT _____

8. Estimated Percent Trucks _____ %

9. Regularly Used by School Buses? Yes No Average Number per Day _____

10. Emergency Services Route Yes No

Submission Information - This information is used for administrative purposes and is not available on the public website.

Submitted by Jim Idone Organization Jacksonville Port Terminal Phone 904/832-4268 Date 2/25/18

Public reporting burden for this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a Federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for information collection is 2130-0017. Send comments regarding this burden estimate or any other aspect of this collection, including for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave. SE, MS-25 Washington, DC 20590.

U. S. DOT CROSSING INVENTORY FORM

**DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION**

OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire Inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For private pathway grade crossings, complete the Header, Part I, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

A. Revision Date (MM/DD/YYYY) 2/28/18	B. Reporting Agency <input checked="" type="checkbox"/> Railroad <input type="checkbox"/> State <input type="checkbox"/> Transit <input type="checkbox"/> Other	C. Reason for Update (Select only one) <input type="checkbox"/> Change in Data <input type="checkbox"/> Re-Open <input type="checkbox"/> New Crossing <input type="checkbox"/> Date Change Only <input checked="" type="checkbox"/> Closed <input type="checkbox"/> Change in Primary Operating RR	D. DOT Crossing Inventory Number 6278670
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Part I: Location and Classification Information

1. Primary Operating Railroad Jacksonville Port Terminal	2. State Florida	3. County Duval
4. City / Municipality <input checked="" type="checkbox"/> In <input type="checkbox"/> Near	5. Street/Road Name & Block Number Freston St. (Street/Road Name) * (Block Number)	6. Highway Type & No.
7. Do Other Railroads Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR	8. Do Other Railroads Operate Over Your Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR	

9. Railroad Division or Region <input type="checkbox"/> None <input checked="" type="checkbox"/> Div 3	10. Railroad Subdivision or District <input checked="" type="checkbox"/> None	11. Branch or Line Name <input type="checkbox"/> None Industrial Lead	12. RR Milepost AS 10.251 (prefix) (num.nnn) (suffix)
13. Line Segment	14. Nearest RR Timetable Station TPT Office	15. Parent RR (if applicable) <input type="checkbox"/> N/A water	16. Crossing Owner (if applicable) <input checked="" type="checkbox"/> N/A

17. Crossing Type <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private	18. Crossing Purpose <input type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.	19. Crossing Position <input checked="" type="checkbox"/> AT Grade <input type="checkbox"/> RR Under <input type="checkbox"/> RR Over	20. Public Access (if Private Crossing) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	21. Type of Train <input checked="" type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter <input type="checkbox"/> Transit <input type="checkbox"/> Shared Use Transit <input type="checkbox"/> Tourist/Other	22. Average Passenger Train Count Per Day <input type="checkbox"/> Less Than One Per Day <input checked="" type="checkbox"/> Number Per Day 4
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23. Type of Land Use <input type="checkbox"/> Open Space <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Recreational <input type="checkbox"/> RR Yard	24. Is there an adjacent crossing with a separate number? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Provide Crossing Number	25. Quiet Zone (FRA provided) <input type="checkbox"/> No <input type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago Excused Date Established
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26. HSR Corridor ID <input type="checkbox"/> N/A	27. Latitude in decimal degrees (WGS84 std: nn.nnnnnm)	28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnm)	29. Lat/Long Source <input type="checkbox"/> Actual <input type="checkbox"/> Estimated
30.A. Railroad Use *	31.A. State Use *		
30.B. Railroad Use *	31.B. State Use *		
30.C. Railroad Use *	31.C. State Use *		
30.D. Railroad Use *	31.D. State Use *		
32.A. Narrative (Railroad Use) *	32.B. Narrative (State Use) *		

33. Emergency Notification Telephone No. (posted)	34. Railroad Contact (Telephone No.) 904-832-4268	35. State Contact (Telephone No.)
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Part II: Railroad Information

1. Estimated Number of Daily Train Movements				
1.A. Total Day Thru Trains (6 AM to 6 PM) 4	1.B. Total Night Thru Trains (6 PM to 6 AM) 0	1.C. Total Switching Trains	1.D. Total Transit Trains	1.E. Check if Less Than One Movement Per Day How many trains per week? 20 <input type="checkbox"/>
2. Year of Train Count Data (YYYY) 2017	3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) 10 3.B. Typical Speed Range Over Crossing (mph) From 4 to 7			
4. Type and Count of Tracks Main <input type="checkbox"/> Siding <input type="checkbox"/> Yard <input type="checkbox"/> Transit <input type="checkbox"/> Industry				
5. Train Detection (Main Track only) <input type="checkbox"/> Constant Warning Time <input type="checkbox"/> Motion Detection <input type="checkbox"/> AFD <input type="checkbox"/> PTC <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> None				
6. Is Track Signaled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.A. Event Recorder <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		7.B. Remote Health Monitoring <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

U. S. DOT CROSSING INVENTORY FORM

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION

OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire Inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For private pathway grade crossings, complete the Header, Part I, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

A. Revision Date (MM/DD/YYYY) 12 / 29 / 2019	B. Reporting Agency <input type="checkbox"/> Railroad <input type="checkbox"/> Transit <input checked="" type="checkbox"/> State <input type="checkbox"/> Other	C. Reason for Update (Select only one) <input checked="" type="checkbox"/> Change in Data <input type="checkbox"/> Re-Open <input type="checkbox"/> New Crossing <input type="checkbox"/> Date Change Only <input type="checkbox"/> Closed <input type="checkbox"/> Change in Primary Operating RR <input type="checkbox"/> No Train Traffic <input type="checkbox"/> Quiet Zone Update <input type="checkbox"/> Admin. Correction	D. DOT Crossing Inventory Number 627867D
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Part I: Location and Classification Information

1. Primary Operating Railroad TALLEY RAND TERMINAL RAILROAD [TTR]		2. State FLORIDA	3. County DUVAL
4. City / Municipality <input checked="" type="checkbox"/> In <input type="checkbox"/> Near JACKSONVILLE	5. Street/Road Name & Block Number PRESTON ST 2755 (Street/Road Name) *(Block Number)		6. Highway Type & No. NA
7. Do Other Railroads Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR		8. Do Other Railroads Operate Over Your Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR	
9. Railroad Division or Region <input type="checkbox"/> None	10. Railroad Subdivision or District <input type="checkbox"/> None	11. Branch or Line Name <input type="checkbox"/> None PORT	12. RR Milepost 0000.00 (prefix) (mnn.nnn) (suffix)
13. Line Segment *	14. Nearest RR Timetable Station JACKSONVILLE	15. Parent RR (if applicable) <input type="checkbox"/> N/A	16. Crossing Owner (if applicable) <input type="checkbox"/> N/A TTR
17. Crossing Type <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private	18. Crossing Purpose <input checked="" type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.	19. Crossing Position <input checked="" type="checkbox"/> At Grade <input type="checkbox"/> RR Under <input type="checkbox"/> RR Over	20. Public Access (if Private Crossing) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
21. Type of Train <input type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter		<input type="checkbox"/> Transit <input type="checkbox"/> Shared Use Transit <input type="checkbox"/> Tourist/Other	
22. Average Passenger Train Count Per Day <input type="checkbox"/> Less Than One Per Day <input checked="" type="checkbox"/> Number Per Day 2			

23. Type of Land Use
 Open Space Farm Residential Commercial Industrial Institutional Recreational RR Yard

24. Is there an Adjacent Crossing with a Separate Number? Yes No If Yes, Provide Crossing Number

25. Quiet Zone (FRA provided) No 24 Hr Partial Chicago Excluded Date Established

26. MSR Corridor ID N/A

27. Latitude in decimal degrees (WGS84 std: nn.nnnnnn) 30.36465340

28. Longitude in decimal degrees (WGS84 std: -nm.nnnnnn) -81.84264550

29. Lat/Long Source Actual Estimated

30.A. Railroad Use *	31.A. State Use *
30.B. Railroad Use *	31.B. State Use *
30.C. Railroad Use *	31.C. State Use *
30.D. Railroad Use *	31.D. State Use *
32.A. Narrative (Railroad Use) *	32.B. Narrative (State Use) *

33. Emergency Notification Telephone No. (posted) 904-634-1884

34. Railroad Contact (Telephone No.) 904-634-1884

35. State Contact (Telephone No.) 850-414-4907

Part II: Railroad Information

1. Estimated Number of Daily Train Movements

1.A. Total Day Thru Trains (6 AM to 6 PM) 2	1.B. Total Night Thru Trains (6 PM to 6 AM) 0	1.C. Total Switching Trains 2	1.D. Total Transit Trains	1.E. Check if Less Than One Movement Per Day <input type="checkbox"/>
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2. Year of Train Count Data (YYYY)

3. Speed of Train at Crossing
3.A. Maximum Timetable Speed (mph) 10
3.B. Typical Speed Range Over Crossing (mph) From 1 to 10

4. Type and Count of Tracks
Main 1 Siding Yard Transit Industry

5. Train Detection (Main Track only)
 Constant Warning Time Motion Detection AFO PTC DC Other None

6. Is Track Signaled? Yes No

7.A. Event Recorder Yes No

7.B. Remote Health Monitoring Yes No

U. S. DOT CROSSING INVENTORY FORM

A. Revision Date (MM/DD/YYYY) 12/29/2019		PAGE 2		D. Crossing Inventory Number (7 char.) 627887D	
Part III: Highway or Pathway Traffic Control Device Information					
1. Are there Signs or Signals? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Types of Passive Traffic Control Devices associated with the Crossing				
	2.A. Crossbuck Assemblies (count) 1	2.B. STOP Signs (R1-1) (count) 0	2.C. YIELD Signs (R1-2) (count) 0	2.D. Advance Warning Signs (Check all that apply; include count) <input type="checkbox"/> None	
				<input type="checkbox"/> W10-1 1 <input type="checkbox"/> W10-3 0 <input type="checkbox"/> W10-11 0 <input type="checkbox"/> W10-2 0 <input type="checkbox"/> W10-4 0 <input type="checkbox"/> W10-12 0	
2.E. Low Ground Clearance Sign (W10-5) <input type="checkbox"/> Yes (count 0) <input checked="" type="checkbox"/> No	2.F. Pavement Markings <input type="checkbox"/> Stop Lines <input type="checkbox"/> Dynamic Envelope <input type="checkbox"/> RR Xing Symbols <input checked="" type="checkbox"/> None		2.G. Channelization Devices/Medians <input type="checkbox"/> All Approaches <input type="checkbox"/> Median <input type="checkbox"/> One Approach <input checked="" type="checkbox"/> None	2.H. EXEMPT Sign (R15-3) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2.I. ENS Sign (I-13) Displayed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.J. Other MUTCD Signs Specify Type _____ Count _____ Specify Type _____ Count _____ Specify Type _____ Count _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2.K. Private Crossing Signs (if private) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2.L. LED Enhanced Signs (List types)		
3. Types of Train Activated Warning Devices at the Grade Crossing (specify count of each device for all that apply)					
3.A. Gate Arms (count) Roadway 0 Pedestrian 0	3.B. Gate Configuration <input type="checkbox"/> 2 Quad <input type="checkbox"/> Full (Barrier) Resistance <input type="checkbox"/> 3 Quad <input type="checkbox"/> Median Gates <input type="checkbox"/> 4 Quad	3.C. Cantilevered (or Bridged) Flashing Light Structures (count) Over Traffic Lane 0 <input type="checkbox"/> Incandescent Not Over Traffic Lane 0 <input type="checkbox"/> LED	3.D. Mast Mounted Flashing Lights (count of masts) 0 <input type="checkbox"/> Incandescent <input type="checkbox"/> LED <input type="checkbox"/> Back Lights Included <input type="checkbox"/> Side Lights Included	3.E. Total Count of Flashing Light Pairs 0	
3.F. Installation Date of Current Active Warning Devices: (MM/YYYY) ____/____/____ <input type="checkbox"/> Not Required		3.G. Wayside Horn <input type="checkbox"/> Yes Installed on (MM/YYYY) ____/____/____ <input checked="" type="checkbox"/> No	3.H. Highway Traffic Signals Controlling Crossing <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.I. Bells (count) 0	
3.J. Non-Train Active Warning <input type="checkbox"/> Flagger/Flagman <input type="checkbox"/> Manually Operated Signals <input type="checkbox"/> Watchman <input type="checkbox"/> Floodlighting <input checked="" type="checkbox"/> None			3.K. Other Flashing Lights or Warning Devices Count 0 Specify type _____		
4.A. Does nearby Hwy Intersection have Traffic Signals? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4.B. Hwy Traffic Signal Interconnection <input checked="" type="checkbox"/> Not Interconnected <input type="checkbox"/> For Traffic Signals <input type="checkbox"/> For Warning Signs	4.C. Hwy Traffic Signal Preemption <input type="checkbox"/> Simultaneous <input type="checkbox"/> Advance	5. Highway Traffic Pre-Signals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Storage Distance * _____ Stop Line Distance * _____	6. Highway Monitoring Devices (Check all that apply) <input type="checkbox"/> Yes - Photo/Video Recording <input type="checkbox"/> Yes - Vehicle Presence Detection <input checked="" type="checkbox"/> None	
Part IV: Physical Characteristics					
1. Traffic Lanes Crossing Railroad Number of Lanes 2	<input type="checkbox"/> One-way Traffic <input type="checkbox"/> Two-way Traffic <input type="checkbox"/> Divided Traffic	2. Is Roadway/Pathway Paved? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3. Does Track Run Down a Street? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4. Is Crossing Illuminated? (Street lights within approx. 50 feet from nearest rail) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Crossing Surface (on Main Track, multiple types allowed) Installation Date * (MM/YYYY) ____/____/____ Width * 5 Length * 24 <input type="checkbox"/> 1 Timber <input type="checkbox"/> 2 Asphalt <input type="checkbox"/> 3 Asphalt and Timber <input type="checkbox"/> 4 Concrete <input type="checkbox"/> 5 Concrete and Rubber <input type="checkbox"/> 6 Rubber <input type="checkbox"/> 7 Metal <input checked="" type="checkbox"/> 8 Unconsolidated <input type="checkbox"/> 9 Composite <input type="checkbox"/> 10 Other (specify) _____					
6. Intersecting Roadway within 500 feet? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Approximate Distance (feet) 80			7. Smallest Crossing Angle <input type="checkbox"/> 0° - 29° <input type="checkbox"/> 30° - 59° <input checked="" type="checkbox"/> 60° - 90°	8. Is Commercial Power Available? * <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Part V: Public Highway Information					
1. Highway System <input type="checkbox"/> (01) Interstate Highway System <input type="checkbox"/> (02) Other Nat Hwy System (NHS) <input type="checkbox"/> (03) Federal Aid, Not NHS <input checked="" type="checkbox"/> (08) Non-Federal Aid	2. Functional Classification of Road at Crossing <input type="checkbox"/> (0) Rural <input checked="" type="checkbox"/> (1) Urban <input type="checkbox"/> (1) Interstate <input type="checkbox"/> (5) Major Collector <input type="checkbox"/> (2) Other Freeways and Expressways <input type="checkbox"/> (3) Other Principal Arterial <input type="checkbox"/> (6) Minor Collector <input type="checkbox"/> (4) Minor Arterial <input checked="" type="checkbox"/> (7) Local		3. Is Crossing on State Highway System? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4. Highway Speed Limit 15 MPH <input type="checkbox"/> Posted <input checked="" type="checkbox"/> Statutory	5. Linear Referencing System (LRS Route ID) *
7. Annual Average Daily Traffic (AADT) Year 2011 AADT 84	8. Estimated Percent Trucks 00 %	9. Regularly Used by School Buses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Average Number per Day 0	10. Emergency Services Route <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Submission Information - This information is used for administrative purposes and is not available on the public website.					
Submitted by _____		Organization _____		Phone _____	Date _____
Public reporting burden for this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for information collection is 2130-0017. Send comments regarding this burden estimate or any other aspect of this collection, including for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave. SE, MS-25 Washington, DC 20590.					

Breaston, Gregory

From: Cox, Kelsey <KCox@coj.net>
Sent: Thursday, September 3, 2020 9:10 AM
To: Breaston, Gregory
Cc: Stapleton, Robert; James.Bennett@jaxport.com
Subject: FW: JFRD Rescue Impacts of Proposed Railroad Closures

EXTERNAL SENDER: Use caution with links and attachments.

Greg,

Received this from JFRD yesterday. I also sent JSO an email about the two as well; awaiting their response.

Thanks!
Kelsey

Kelsey Cox, P.E.
(904) 255-8931
Kcox@coj.net

From: Riska, Steven <SRiska@coj.net>
Sent: Wednesday, September 2, 2020 1:04 PM
To: Cox, Kelsey <KCox@coj.net>
Subject: RE: JFRD Rescue Impacts of Proposed Railroad Closures

I forwarded an email regarding the 59th St. crossing. I do not see a problem closing the Preston Street crossing.

Respectfully,

Steven Riska
Division Chief of Operations
Jacksonville Fire Rescue Department
515 North Julia Street
Jacksonville, Florida 32202
sriska@coj.net
work (904)630-7871
cell (904)576-8938
cell (904)588-3278



EXHIBIT A

From: Cox, Kelsey <KCox@coj.net>
Sent: Wednesday, September 2, 2020 11:57 AM
To: Riska, Steven <SRiska@coj.net>
Cc: James.Bennett@jaxport.com
Subject: JFRD Rescue Impacts of Proposed Railroad Closures
Importance: High

Good Morning Chief Riska,

I hope this email finds you well. We have worked previously together on the railroad at-grade crossing closure at Nira Street in San Marco. I now have two more I need JFRD's response for impacts to these proposed closures. The two railroad at-grade crossings are East 59th Street and Preston Street. I've attached their google placemarks for your reference. East 59th is near Talleyrand at Evergreen, and Preston is at Jaxport. I've cc'd James Bennet with Jaxport on this email as well. Could you provide a statement on how JFRD would or would not be impacted by these closures so that we can send them to FDOT Rail Office for approval of closure?

Thank you!
Kelsey

Kelsey Cox, P.E.
City of Jacksonville | Public Works Department
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8931
Kcox@coj.net



ONE CITY. ONE JACKSONVILLE.

Please note that under Florida's very broad public records law, email communications to and from City officials are subject to public disclosure.

Breaston, Gregory

From: Cox, Kelsey <KCox@coj.net>
Sent: Thursday, September 17, 2020 9:22 AM
To: Breaston, Gregory; Stapleton, Robert
Subject: FW: JSO Impacts of Proposed Railroad Closures

EXTERNAL SENDER: Use caution with links and attachments.

See email below. JSO is good with both Preston Street and East 59th Street closures.

From: Pendley, James A. [mailto:James.Pendley@jaxsheriff.org]
Sent: Thursday, September 17, 2020 9:04 AM
To: Cox, Kelsey
Subject: RE: JSO Impacts of Proposed Railroad Closures

EXTERNAL EMAIL: This email originated from a non-COJ email address. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Good morning,

JSO has no objections or concerns.

Assistant Chief Adam Pendley, #7396
Jacksonville Sheriff's Office | Zone 1
Office: 904.630.8156 | Mobile: 904.233.4862
james.pendley@jaxsheriff.org

From: White, Jeffrey S.
Sent: Thursday, September 17, 2020 8:27 AM
To: Pendley, James A.
Subject: RE: JSO Impacts of Proposed Railroad Closures

Your detour route will be Evergreen on the eastside of the railroad tracks and Buffalo Ave will be the detour route to the west. This will be a minor inconvenience to the neighborhood.

Lieutenant J. S. White, #6641
Jacksonville Sheriff's Office | Special Events
Office: 904.630.2160 | Desk: 904.630.5788 | Fax: 904.630.1751 Jeffrey.white@jaxsheriff.org

Connect with us: jaxsheriff.org or on social media The Mission of the Jacksonville Sheriff's Office: "To Serve and Protect in Partnership with Our Community"

From: Pendley, James A. <James.Pendley@jaxsheriff.org>
Sent: Wednesday, September 16, 2020 4:41 PM
To: White, Jeffrey S. <Jeffrey.White@jaxsheriff.org>
Cc: Richardson, Brian H. <Brian.Richardson@jaxsheriff.org>
Subject: FW: JSO Impacts of Proposed Railroad Closures

EXHIBIT A

Lt. White and Lt. Richardson,

can you both take a look at this information and give me a suggested response. First, from a Special Events/Traffic experience perspective and then from a Zone response perspective. My main concern is to be sure that a particular residence or business does not get cut off.

Thank you,

Assistant Chief Adam Pendley, #7396
Jacksonville Sheriff's Office | Zone 1
Office: 904.924.5361 | Mobile: 904.233.4862
james.pendley@jaxsheriff.org

From: Zone 1 Gateway
Sent: Wednesday, September 16, 2020 11:06 AM
To: Pendley, James A.
Subject: FW: JSO Impacts of Proposed Railroad Closures

This came through the Zone 1 email.

From: Cox, Kelsey [KCox@coj.net]
Sent: Wednesday, September 02, 2020 2:54 PM
To: Zone 1 Gateway
Cc: James.Bennett@jaxport.com
Subject: [WARNING: UNSCANNABLE EXTRACTION FAILED]JSO Impacts of Proposed Railroad Closures

*****EXTERNAL EMAIL SOURCE*****

This email was sent from a non-JSO account. Do not open any links or any attachments unless you trust the sender and know the content is safe.

Good Afternoon Assistant Chief Pendley,

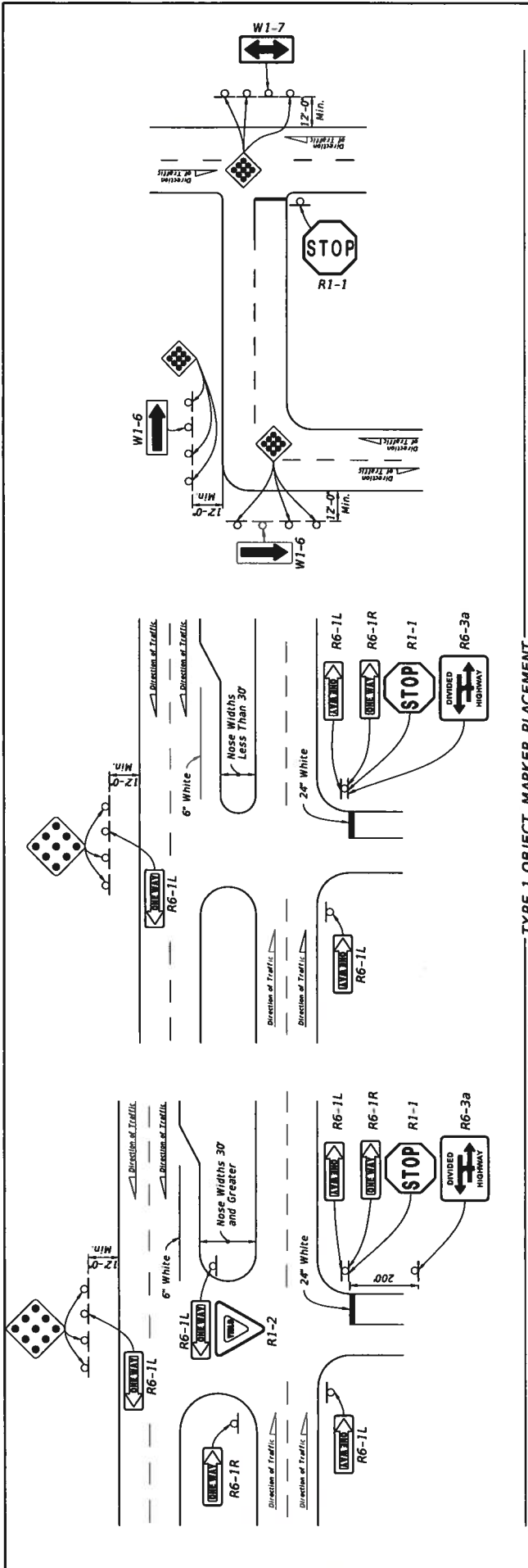
COJ is planning to close two at-grade railroad crossings in the Talleyrand and Jaxport area, and I need some information on how JSO would be affected by them per request of FDOT Rail Office. The two railroad at-grade crossings are East 59th Street and Preston Street. I've attached their google placemarks for your reference. East 59th is near Talleyrand at Evergreen, and Preston is at Jaxport. I've cc'd James Bennett with Jaxport on this email as well. Could you provide a statement on how JSO would or would not be impacted by these closures so that we can send them to FDOT Rail Office for approval of closure?

Please let me know if you need any additional information. I appreciate your help and look forward to hearing from you.

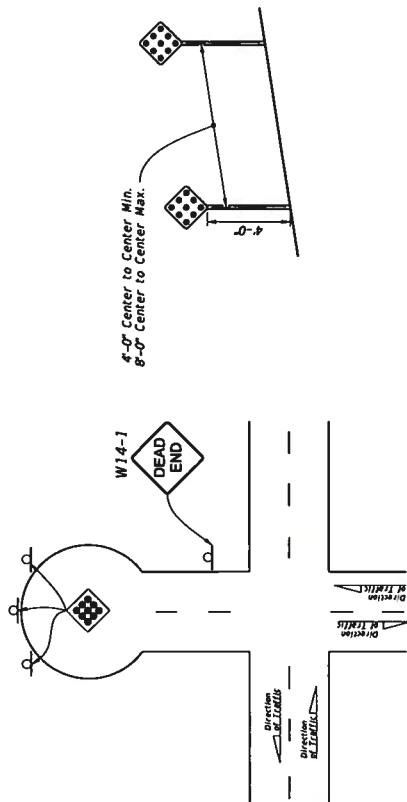
Thanks!
Kelsey Cox

Kelsey Cox, P.E.
City of Jacksonville | Public Works Department
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8931

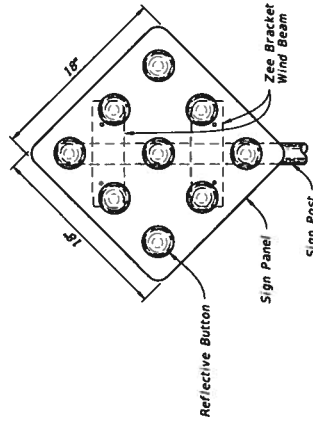




TYPE 1 OBJECT MARKER PLACEMENT



TYPE 4 OBJECT MARKER PLACEMENT



OBJECT MARKER DETAIL

NOTES:

1. Index applicable to residential and minor streets only. Major streets to be evaluated on a case-by-case basis.
2. Install Object Markers in accordance with Index 700-010
3. See Index 711-001 for pavement markings.

LAST REVISION	REVISION
11/01/19	

EXHIBIT C

FDOT
 FY 2020-21
 STANDARD PLANS

TRAFFIC CONTROLS FOR STREET TERMINATIONS

INDEX
 700-109

SHEET
 1 of 1

Sheet No.	Contents
1	Table of Contents
2	Temporary Traffic Control Tables
3	Drop-offs
4	Miscellaneous Details
5	Post-mounted Work Zone Sign Supports
6	Project Information Signs
7	Work Zone Pavement Markings
8	Temporary Raised Rumble Strips
9	Temporary Traffic Control Devices

Standard Plans Index	Index Title	Associated MUTCD Typical Applications
102-000	Temporary Traffic Control General Information and Devices	N/A
102-005	Work Beyond the Shoulder	TA-1
102-010	Work on the Shoulder	TA-3, TA-5, TA-6
102-015	Mobile Operations	TA-4, TA-17, TA-35
102-020	Temporary Roadway Closure	TA-13
102-025	Two-Lane Roadway Lane Closure Using Flaggers	TA-10
102-030	Two-Lane Roadway Lane Closure Using Temporary Traffic Signals	TA-12
102-035	Haul Road Crossing Temporary Diversion	TA-14
102-040	Two-Lane Roadway Temporary Diversion	TA-7
102-045	Multilane Roadway, Single Lane Closure	TA-33
102-050	Multilane Roadway, Multiple Lane Closure	TA-37
102-055	Multilane Roadway Lane Closure with Lane Shift	TA-36
102-060	Multilane Roadway Temporary Diversion	TA-39
102-065	Limited Access Temporary Opening	N/A
102-070	Traffic Pacing	N/A
102-075	Work on the Sidewalk	TA-28, TA-29
102-100	Temporary Barrier	N/A
102-110	Type K Temporary Concrete Barrier System	N/A
102-120	Low Profile Barrier	N/A

TABLE OF CONTENTS
 FY 2020-21
 STANDARD PLANS



EXHIBIT D

REVISION: 11/01/19

GENERAL NOTES:

- Use this Index for all work zones.
- See the Plans for Work Zone Speed.

Work Zone Speed (mph)	Travel Lanes & Multilane Ramps (feet)	Auxiliary Lanes & Single Lane Ramps (feet)
≥ 60	30	18
55	24	14
45-50	18	10
≤ 40	14	10

☎ Behind Face of Curb

Work Zone Speed (mph)	Max. Spacing (feet)		
	Cones or Tubular Markers	Type I Barricades, Vertical Panels, or Drums	Taper
≤ 45	25	50	25
≥ 50	25	50	50

Work Zone Speed (mph)	Min. Length (feet)
≤ 40	L = WS ²
≥ 45	L = WS

Where: W = width of offset in feet
 S = speed in mph

Work Zone Speed (mph)	Width of Offset (feet)			
	5	8	10	11
25	55	85	105	115
30	75	120	150	165
35	105	165	205	225
40	135	215	270	295
45	225	360	450	495
50	250	400	500	550
55	275	440	550	600
60	300	480	600	660
65	325	520	650	715
70	350	560	700	770

Work Zone Speed (mph)	Min. Length (feet)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

Note: When Buffer Length "U" cannot be attained due to geometric constraints, use the minimum feasible, but not less than 155 feet.

Road Type	Min. Spacing (feet)
Arterials and Collectors with Work Zone Speed ≤ 40 mph	200
Arterials and Collectors with Work Zone Speed ≥ 45 mph	500
Limited Access Roadways	1,500

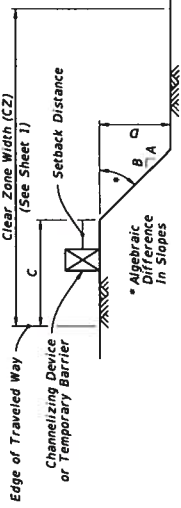
Note: When using MUTCD Typical Applications, use the spacing for all MUTCD A, B, and C distances between signs.

TEMPORARY TRAFFIC CONTROL TABLES
 GENERAL INFORMATION AND DEVICES

INDEX
 102-000

SHEET
 1 of 8

- DROP-OFF NOTES:**
- When drop-offs occur within the clear zone due to construction or maintenance activities, protection devices are required (See Table 1). A drop-off is defined as a drop in elevation, parallel to the adjacent travel lanes, greater than 3" with slope (A/B) steeper than 1:4. In superelevated sections, the algebraic difference in slopes should not exceed 0.25 (See Drop-off Condition Detail).
 - Optionally, mitigate drop-offs by placing slopes of optional base material per Specifications Section 285. Slopes shallower than 1:4 may be required to avoid algebraic difference in slopes greater than 0.25. Include the cost for the placement and removal of the material in Maintenance of Traffic. LSD. Use of this treatment in lieu of a temporary barrier is not eligible for CSIP consideration. Conduct daily inspections for deficiencies related to erosion, excessive slopes, rutting or other adverse conditions. Repair any deficiencies immediately.
 - For Setback Distance, refer to the Index or Approved Products List (APL) drawing of the selected barrier.
 - For Conditions 1 and 3 provided in Table 1, any drop-off condition that is created and restored within the same work period will not be subject to the use of temporary barriers. However, channelizing devices will be required.
 - When permanent curb heights are $\geq 6"$, no channelizing device will be required. For curb heights $< 6"$, see Table 1.



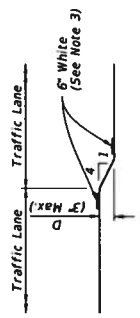
DROP-OFF DETAIL

Table 1
Drop-off Protection Requirements

Condition	D (inches)	C (feet)	Device Required
1	>3	2 - 12	Temporary Barrier
2	>3 to ≤ 5	12 - CZ	Channelizing Device
3	>5	2 - CZ	Temporary Barrier
4	Removal of Bridge or Retaining Wall Barrier		Temporary Barrier
5	Removal of portions of Bridge Deck		Temporary Barrier

Note: Do not allow any drop-off conditions greater than 3 inches within two feet of the edge of traveled way.

- MILLING & RESURFACING NOTES:**
- Whenever there is a difference in elevation between adjacent travel lanes, place "Uneven Lanes" signs (WB-11) at intervals of 0.5 miles or less.
 - If D is 1.5" or less, no drop-off treatment is required.
 - If the slope of the drop-off is greater than 1:4 (not to exceed 1:1), place a 6" white solid line on each side of the drop-off. Additionally, place "Stay In Your Lane" signs (MOT-1-06) as a supplement to the "Uneven Lanes" signs (WB-11). This condition may be used for distances of three miles or less.



MILLING & RESURFACING LANE DROP-OFF TREATMENT DETAIL

- MANHOLE/CROSSWALK/JOINT DROP-OFF NOTES:**
- Construct temporary asphalt apron for manholes extending 1" or more above the travel lane and crosswalks having an uneven surface greater than $\frac{1}{8}"$.
 - Construct temporary asphalt apron for all transverse joints that have a difference in elevation of 1" or more.
 - Remove aprons prior to constructing the next lift of asphalt.



MANHOLE/CROSSWALK/JOINT DROP-OFF DETAIL

PEDESTRIAN WAY DROP-OFF NOTES:

- A pedestrian way drop-off is defined as either:
 - a drop in elevation greater than 10" that is closer than Z from the edge of the pedestrian way;
 - a slope steeper than 1:2 that begins closer than Z from the edge of the pedestrian way when the total drop-off is greater than 60".
- Protect any drop-off adjacent to a pedestrian way with pedestrian longitudinal channelizing devices, temporary barrier wall, or approved handrail.

LAST REVISION: 11/01/19

EXHIBIT D

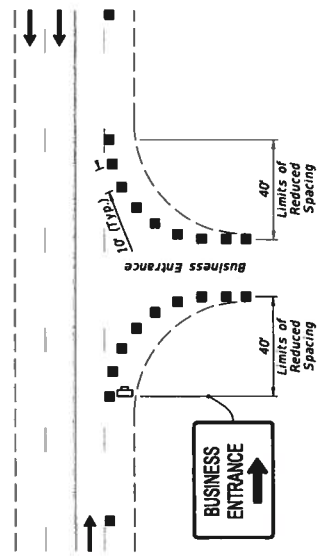
FDOT
 STANDARD PLANS
 FY 2020-21

TEMPORARY TRAFFIC CONTROL
 GENERAL INFORMATION AND DEVICES

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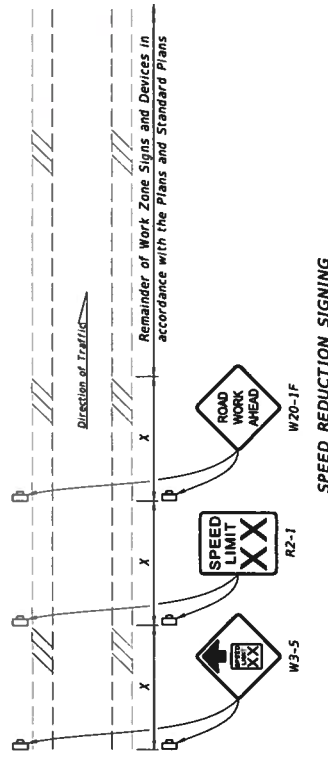
SHEET
 2 of 8

DROP-OFFS



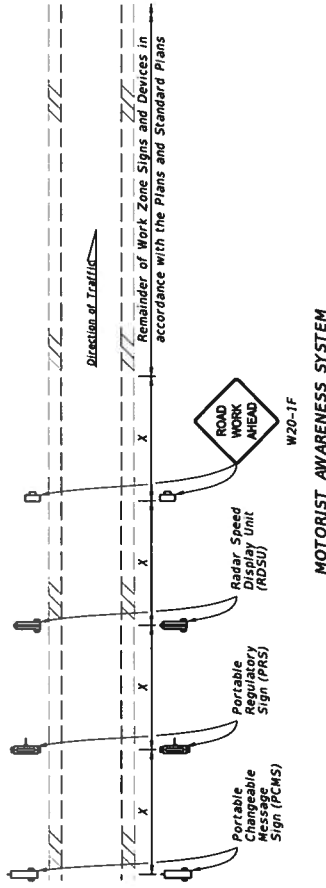
BUSINESS SIGN AND CHANNELIZING DEVICE PLACEMENT AT BUSINESS ENTRANCE

- NOTES:**
1. Use this detail when work disrupts a business entrance for greater than one entire calendar day.
 2. For single business entrances, place one 24"x36" business sign with the business name at each affected driveway entrance. Logos may be provided by the business owners. Alternatively, a sign with the message "Business Entrance" (see Index 700-102) may be used when approved by the Engineer.
 3. When two or more businesses share a common driveway entrance, place a 24"x36" with the message "Business Entrance" (see Index 700-102) at the common driveway entrance.



SPEED REDUCTION SIGNING

- NOTES:**
1. X = Work Zone Sign Spacing
 2. When called for in the Plans, use this detail in accordance with the Plans and Standard Plans. Place the speed reduction signs (W3-5 and R2-1) in advance of the "Road Work Ahead" sign (W20-1F) as shown.
 3. Do not use this detail in conjunction with the Motorist Awareness System.
 4. For speed reductions greater than 10 MPH, reduce speed in 10 MPH increments of 'X'.
 5. Place additional "Speed Limit" signs (R2-1) at intervals of no less than one mile for rural conditions and 1,000 feet for urban conditions.
 6. For undivided roadways, omit the signs shown in the median.



MOTORIST AWARENESS SYSTEM

- NOTES:**
1. X = Work Zone Sign Spacing
 2. When called for in the Plans, use the Motorist Awareness System (MAS) in accordance with the Plans, and Standard Plans, Indexes 102-45, 102-50, 102-55, and 102-60. When using this detail with the indexes, place the MAS devices (i.e., PCRS, PRS, and RDSU) in advance of the "Road Work Ahead" sign (W20-1F) as shown.
 3. For a posted speed of 65 mph or greater, display speed with a ten mph reduction. For a posted speed of 60 mph, display a reduced speed of 55 mph. Use posted speed as the work zone speed.
 4. Omit the PCRS in the median for roadways with three lanes or less in the same direction of traffic.

- TYPICAL PCRS DISPLAY:**
- With speed reduction:
 Message 1: WORKERS PRESENT AHEAD
 Message 2: SPEED REDUCED NEXT XMI
- Without speed reduction:
 Message 1: WORKERS PRESENT AHEAD
 Message 2: NEXT XX MILES

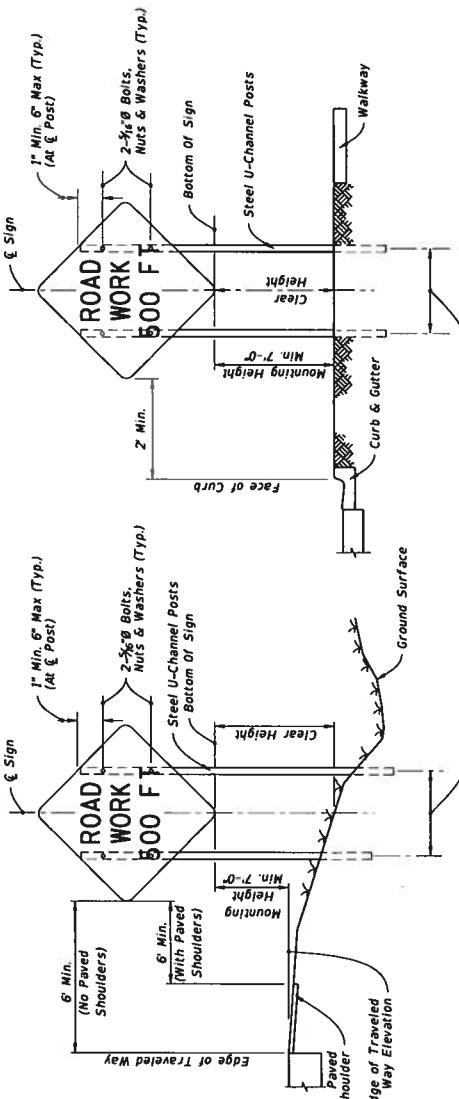
- SYMBOLS:**
- Channelizing Device (See Sheet B)
 - Lane Identification and Direction of Traffic
 - D Work Zone Sign

MISCELLANEOUS DETAILS

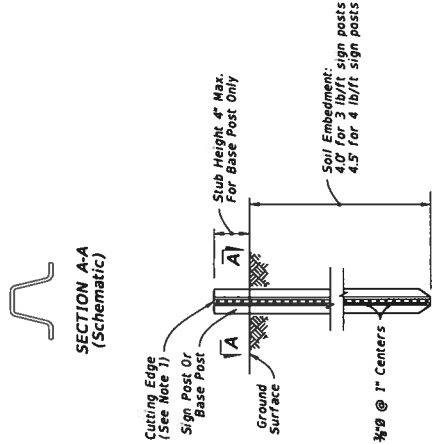
LAST REVISION 11/01/19	DESCRIPTION: EXHIBIT D	REVISION	REVISION
STANDARD PLANS		FY 2020-21	
GENERAL INFORMATION AND DEVICES		INDEX	
TEMPORARY TRAFFIC CONTROL		102-000	
SHEET		3 of 8	

WORK ZONE SIGN POST TABLE:

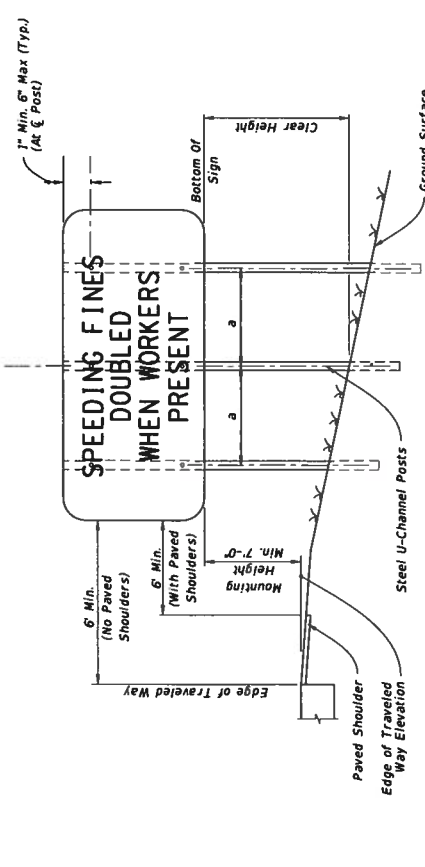
SIGN AREA (ft ²)	NUMBERS OF SIGN POSTS
< 9	1
9 to < 20	3
20 to < 30	3
≥ 30	4



2 POSTS - FLUSH SHOULDER ROADWAY (1 Post Similar)
2 POSTS - CURB AND GUTTER ROADWAY (1 Post Similar)



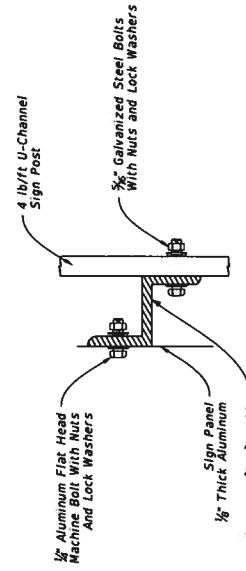
TYPICAL FOUNDATION DETAIL



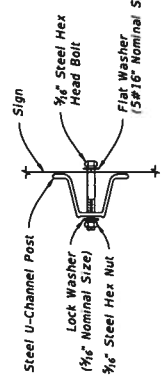
3 POSTS - FLUSH SHOULDER ROADWAY

Where: $W = 48'$; $a = 1' - 4 1/2'$ ($\pm 1'$)
 $W = 60'$; $a = 1' - 5'$ ($\pm 1'$)
 $W = 72'$; $a = 2' - 1'$ ($\pm 1'$)

SIGN SUPPORT MOUNTING DETAILS



SIGN ATTACHMENT FOR 4 LB/FT SIGN POSTS DETAIL



SIGN ATTACHMENT FOR 3 LB/FT SIGN POSTS DETAIL

SIGN ATTACHMENT DETAILS

NOTES:

1. Do not install bolts closer than 1" to cutting edge of Base Post.
2. Soil plates are not required for posts installed in asphalt, pavement, shoulder pavement, sidewalk, or existing rock with a minimum cumulative depth of 2'.
3. Use 3 lb/ft posts for Clear Height up to 10' and 4 lb/ft posts for Clear Height up to 12'.
4. For diamond warning signs with supplement plaque (up to 5 ft² in area), use 4 lb/ft posts for Clear Height up to 10'.

LAST REVISION
11/01/19

EXHIBIT D

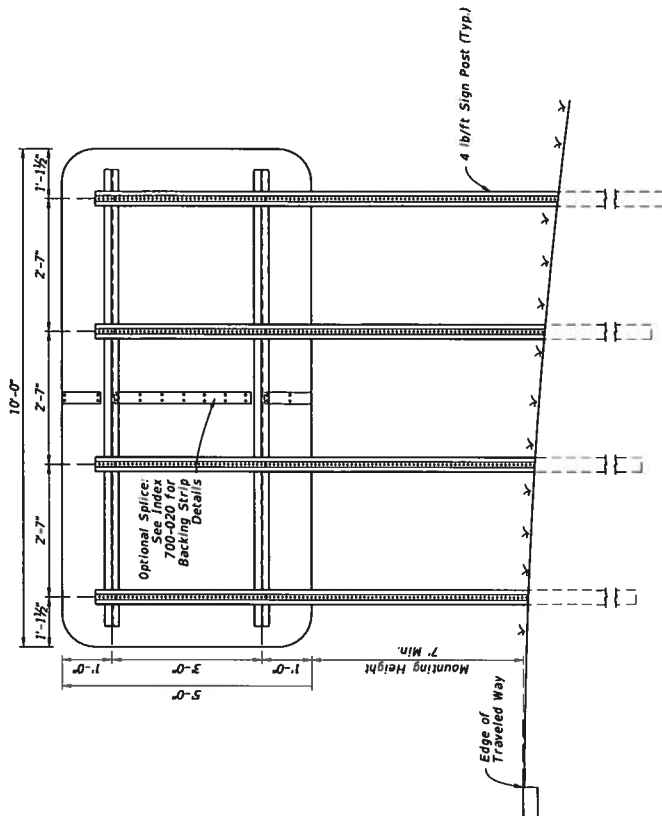
FDOT
STANDARD PLANS
FY 2020-21

TEMPORARY TRAFFIC CONTROL
GENERAL INFORMATION AND DEVICES

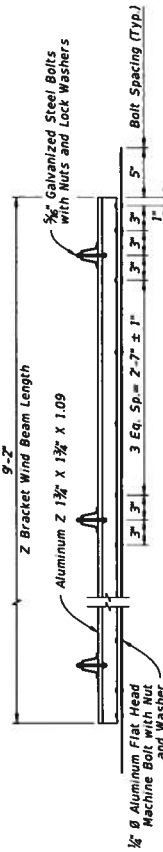
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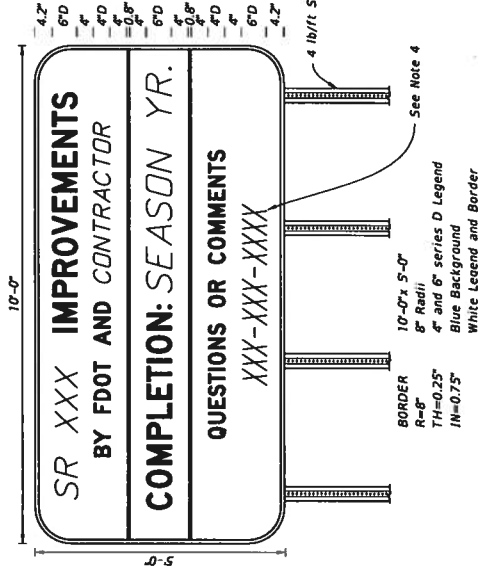
POST-MOUNTED WORK ZONE SIGN SUPPORTS



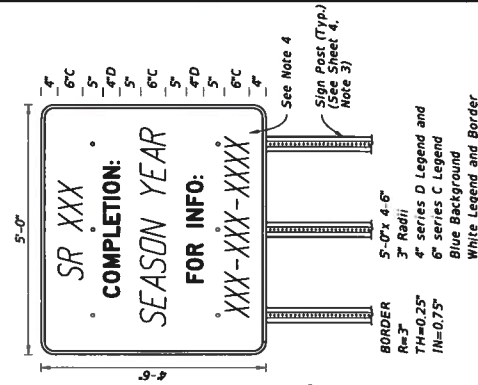
4 POSTS SIGN SUPPORT MOUNTING DETAIL



BRACKET DETAIL



PROJECT INFORMATION SIGN DETAIL FOR WORK ZONE SPEED OF 50 MPH OR GREATER

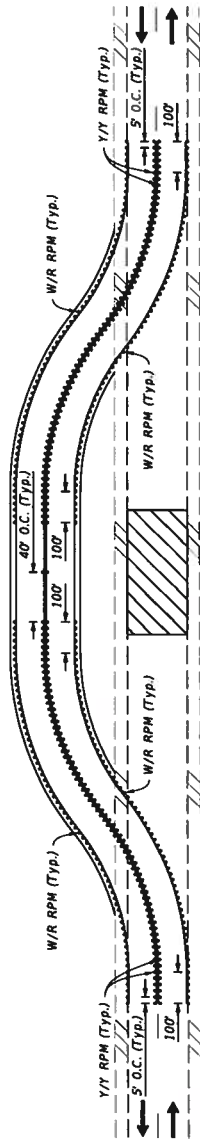


PROJECT INFORMATION SIGN DETAIL FOR WORK ZONE SPEED OF 45 MPH OR LESS

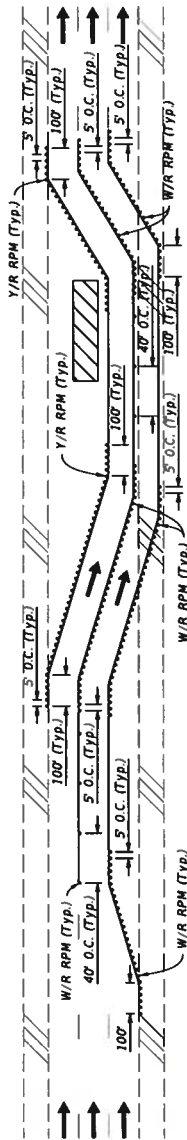
NOTES:

1. Road designation should be the most common designation (i.e., I-Interstate, SR-State Road, or US).
2. Italic text on signs indicates variable information that is specific to the project.
3. See Sheet 4 for the Typical Foundation Detail and the Sign Attachment Details.
4. Under "Questions or Comments", use the project website, or a telephone number for those projects without websites.

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RPM PLACEMENT ON TWO-LANE ROADWAYS



RPM PLACEMENT ON MULTILANE ROADWAYS
(Lane Shift Shown, Other Multilane Typical Applications Similar)

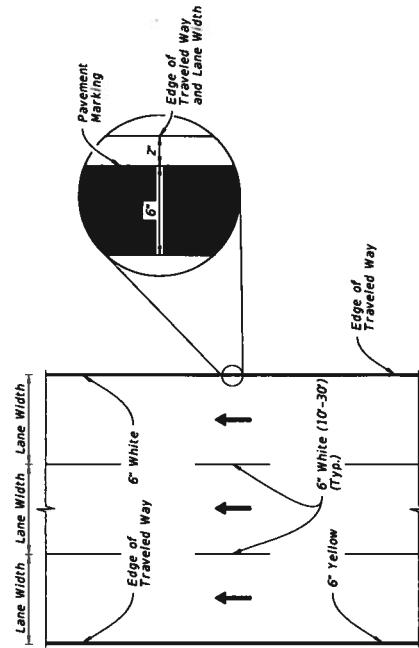
NOTES:

1. Install RPMs as a supplement to:
 - a. All lane lines
 - b. Edge lines in transitions (e.g., merges, diversions, lane shifts)
 - c. Edge lines of gore areas
2. Extend pavement marking and 5' RPM spacing by 100' in each direction for all transitions regardless of the line type.
3. Place RPMs in accordance with this detail and Index 706-001.

SYMBOLS:

- Work Space
- Lane Identification and Direction of Traffic

RPM PLACEMENT IN WORK ZONES



PLACEMENT OF PAVEMENT MARKINGS

REVISION	DESCRIPTION:
11/01/19	

EXHIBIT D

STANDARD PLANS

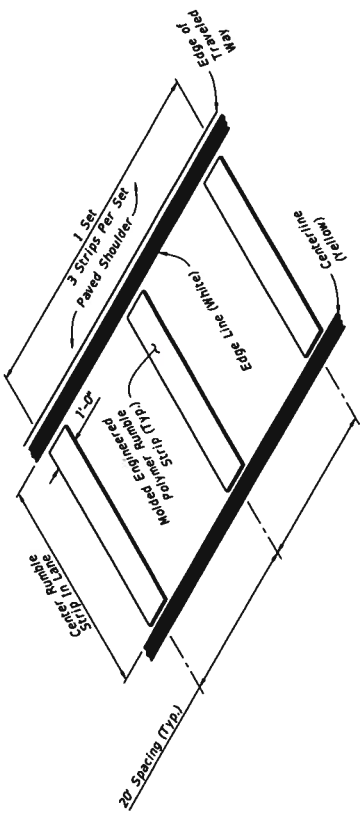
FY 2020-21

**TEMPORARY TRAFFIC CONTROL
GENERAL INFORMATION AND DEVICES**

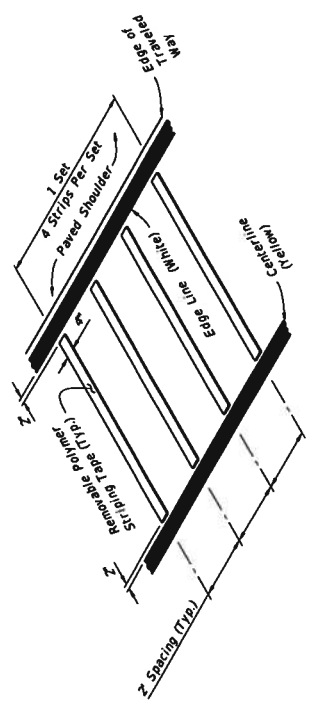
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WORK ZONE PAVEMENT MARKINGS




MOLDING ENGINEERED POLYMER MATERIAL

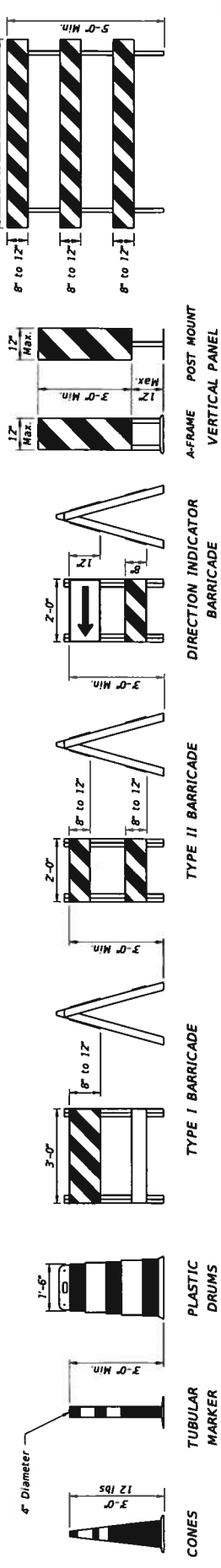


REMOVABLE POLYMER STRIPING TAPE

TEMPORARY RAISED RUMBLE STRIP SETS

NOTE:
Use Temporary Raised Rumble Strips in accordance with the Plans and Specification 102.

TEMPORARY RAISED RUMBLE STRIPS		INDEX	SHEET
TEMPORARY TRAFFIC CONTROL GENERAL INFORMATION AND DEVICES		102-000	7 of 8
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EXHIBIT D			
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TYPE III BARRICADE

CHANNELIZING DEVICES

TEMPORARY LANE SEPARATOR

NOTE:
For pedestrian longitudinal channelizing device requirements, see Specification 990.

LAST REVISION 11/01/19	DESCRIPTION: EXHIBIT D	FY 2020-21 STANDARD PLANS	INDEX 102-000	SHEET 8 of 8
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U. S. DOT CROSSING INVENTORY FORM

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION

OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the Header, Parts I and II, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

A. Revision Date (MM/DD/YYYY) ____/____/____	B. Reporting Agency <input type="checkbox"/> Railroad <input type="checkbox"/> Transit <input type="checkbox"/> State <input type="checkbox"/> Other	C. Reason for Update (Select only one) <input type="checkbox"/> Change in Data <input type="checkbox"/> New Crossing <input type="checkbox"/> Re-Open <input type="checkbox"/> Date Change Only <input type="checkbox"/> Closed <input type="checkbox"/> Change in Primary Operating RR <input type="checkbox"/> No Train Traffic <input type="checkbox"/> Quiet Zone Update <input type="checkbox"/> Admin. Correction	D. DOT Crossing Inventory Number _____
---	---	---	--

Part I: Location and Classification Information

1. Primary Operating Railroad _____		2. State _____		3. County _____	
4. City / Municipality <input type="checkbox"/> In <input type="checkbox"/> Near _____		5. Street/Road Name & Block Number (Street/Road Name) _____ * (Block Number) _____		6. Highway Type & No. _____	
7. Do Other Railroads Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Specify RR _____			8. Do Other Railroads Operate Over Your Track at Crossing? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Specify RR _____		
9. Railroad Division or Region <input type="checkbox"/> None		10. Railroad Subdivision or District <input type="checkbox"/> None		11. Branch or Line Name <input type="checkbox"/> None	
12. RR Milepost ____ (prefix) (nnnn.nnn) ____ (suffix)		13. Line Segment * <input type="checkbox"/> N/A		14. Nearest RR Timetable Station * <input type="checkbox"/> N/A	
15. Parent RR (if applicable) <input type="checkbox"/> N/A		16. Crossing Owner (if applicable) <input type="checkbox"/> N/A		17. Crossing Type <input type="checkbox"/> Public <input type="checkbox"/> Private	
18. Crossing Purpose <input type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.		19. Crossing Position <input type="checkbox"/> At Grade <input type="checkbox"/> RR Under <input type="checkbox"/> RR Over		20. Public Access (if Private Crossing) <input type="checkbox"/> Yes <input type="checkbox"/> No	
21. Type of Train <input type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter		22. Average Passenger Train Count Per Day <input type="checkbox"/> Less Than One Per Day <input type="checkbox"/> Number Per Day _____		23. Type of Land Use <input type="checkbox"/> Open Space <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Recreational <input type="checkbox"/> RR Yard	
24. Is there an Adjacent Crossing with a Separate Number? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Provide Crossing Number _____			25. Quiet Zone (FRA provided) <input type="checkbox"/> No <input type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago Excused Date Established _____		
26. HSR Corridor ID <input type="checkbox"/> N/A		27. Latitude in decimal degrees (WGS84 std: nn.nnnnnnn)		28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnnn)	
29. Lat/Long Source <input type="checkbox"/> Actual <input type="checkbox"/> Estimated		30.A. Railroad Use *		31.A. State Use *	
30.B. Railroad Use *		31.B. State Use *		30.C. Railroad Use *	
31.B. State Use *		30.D. Railroad Use *		31.D. State Use *	
32.A. Narrative (Railroad Use) *			32.B. Narrative (State Use) *		
33. Emergency Notification Telephone No. (posted)		34. Railroad Contact (Telephone No.)		35. State Contact (Telephone No.)	

Part II: Railroad Information

1. Estimated Number of Daily Train Movements				
1.A. Total Day Thru Trains (6 AM to 6 PM)	1.B. Total Night Thru Trains (6 PM to 6 AM)	1.C. Total Switching Trains	1.D. Total Transit Trains	1.E. Check if Less Than One Movement Per Day <input type="checkbox"/> How many trains per week? _____
2. Year of Train Count Data (YYYY)		3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) _____ 3.B. Typical Speed Range Over Crossing (mph) From _____ to _____		
4. Type and Count of Tracks Main _____ Siding _____ Yard _____ Transit _____ Industry _____				
5. Train Detection (Main Track only) <input type="checkbox"/> Constant Warning Time <input type="checkbox"/> Motion Detection <input type="checkbox"/> AFO <input type="checkbox"/> PTC <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> None				
6. Is Track Signaled? <input type="checkbox"/> Yes <input type="checkbox"/> No		7.A. Event Recorder <input type="checkbox"/> Yes <input type="checkbox"/> No		7.B. Remote Health Monitoring <input type="checkbox"/> Yes <input type="checkbox"/> No

U. S. DOT CROSSING INVENTORY FORM

A. Revision Date (MM/DD/YYYY) PAGE 2 D. Crossing Inventory Number (7 char.)

Part III: Highway or Pathway Traffic Control Device Information

1. Are there Signs or Signals? 2. Types of Passive Traffic Control Devices associated with the Crossing 2.A. Crossbuck Assemblies (count) 2.B. STOP Signs (R1-1) (count) 2.C. YIELD Signs (R1-2) (count) 2.D. Advance Warning Signs (Check all that apply; include count) 2.E. Low Ground Clearance Sign (W10-5) 2.F. Pavement Markings 2.G. Channelization Devices/Medians 2.H. EXEMPT Sign (R15-3) 2.I. ENS Sign (I-13) Displayed 2.J. Other MUTCD Signs 2.K. Private Crossing Signs (if private) 2.L. LED Enhanced Signs (List types) 3. Types of Train Activated Warning Devices at the Grade Crossing (specify count of each device for all that apply) 3.A. Gate Arms (count) 3.B. Gate Configuration 3.C. Cantilevered (or Bridged) Flashing Light Structures (count) 3.D. Mast Mounted Flashing Lights (count of masts) 3.E. Total Count of Flashing Light Pairs 3.F. Installation Date of Current Active Warning Devices: (MM/YYYY) 3.G. Wayside Horn 3.H. Highway Traffic Signals Controlling Crossing 3.I. Bells (count) 3.J. Non-Train Active Warning 3.K. Other Flashing Lights or Warning Devices Count Specify type 4.A. Does nearby Hwy Intersection have Traffic Signals? 4.B. Hwy Traffic Signal Interconnection 4.C. Hwy Traffic Signal Preemption 5. Highway Traffic Pre-Signals 6. Highway Monitoring Devices (Check all that apply)

Part IV: Physical Characteristics

1. Traffic Lanes Crossing Railroad 2. Is Roadway/Pathway Paved? 3. Does Track Run Down a Street? 4. Is Crossing Illuminated? (Street lights within approx. 50 feet from nearest rail) 5. Crossing Surface (on Main Track, multiple types allowed) Installation Date * (MM/YYYY) Width * Length * 6. Intersecting Roadway within 500 feet? 7. Smallest Crossing Angle 8. Is Commercial Power Available? *

Part V: Public Highway Information

1. Highway System 2. Functional Classification of Road at Crossing 3. Is Crossing on State Highway System? 4. Highway Speed Limit System? 5. Linear Referencing System (LRS Route ID) * 6. LRS Milepost * 7. Annual Average Daily Traffic (AADT) Year AADT 8. Estimated Percent Trucks % 9. Regularly Used by School Buses? Average Number per Day 10. Emergency Services Route Yes No

Submission Information - This information is used for administrative purposes and is not available on the public website.

Submitted by Organization Phone Date

Public reporting burden for this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for information collection is 2130-0017. Send comments regarding this burden estimate or any other aspect of this collection, including for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave. SE, MS-25 Washington, DC 20590.