



WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

Spokane County

Petitioner,

vs.

BNSF Railway Company

Respondent

DOCKET NO. TR-

PETITION TO MODIFY WARNING DEVICES AT A HIGHWAY-RAILROAD GRADE CROSSING

USDOT: 058645X

The Petitioner asks the Washington Utilities and Transportation Commission to approve modification of warning devices at a highway-rail grade crossing.

Section 1 – Petitioner’s Information

Spokane County

Petitioner

Chariti Zlateff

Signature

1026 W. Broadway Avenue

Street Address

Spokane, WA 99260

City, State and Zip Code

(same)

Mailing Address, if different than the street address

Chariti Zlateff Chariti Zlateff

Contact Person Name & Signature

(509) 477-7254 czlateff@spokanecounty.org

Contact Phone Number and Email Address

***Section 2 – Respondent’s Information***

<u>BNSF Railway</u> Respondent
<u>2454 Occidental Ave S, Suite 1A</u> Street Address
<u>Seattle, WA 98134</u> City, State and Zip Code
<u>2454 Occidental Ave S, Suite 1A, Seattle, WA 98134</u> Mailing Address, if different than the street address
<u>Stephen Semenick</u> Contact Person Name
<u>(206) 625-6152 Stephen.Semenick@BNSF.com</u> Contact Phone Number and Email Address

***Section 3 – Crossing Location***

1. Existing highway/roadway <u>Espanola Road</u>
2. Existing railroad <u>BNSF</u>
3. USDOT Crossing No. <u>058645X</u>
4. GPS location <u>47.60582, -117.736790</u>
5. Railroad mile post (nearest tenth) <u>1498.640</u>
6. City <u>Espanola</u> County <u>Spokane</u>

*Section 4 – Vehicle Traffic*

1. Name of highway Espanola Road

2. Road authority Spokane County

3. Average annual daily traffic (AADT) 569

4. Number of lanes 2

5. Roadway speed 45

6. Is the crossing part of an established truck route? Yes X No \_\_\_\_\_

7. If so, trucks are what percent of total daily traffic? 25

8. Is the crossing part of an established school bus route? Yes X No \_\_\_\_\_

9. If so, how many school buses travel over the crossing each day? 2-3

10. Describe any changes to the information in 1 through 7, above, expected within ten years:

No change expected within ten years.

\_\_\_\_\_

\_\_\_\_\_

*Section 5 – Current Crossing Information*

1. Railroad company BNSF

2. Type of railroad at crossing  Common Carrier  Logging  Industrial  
 Passenger  Excursion

3. Type of tracks at crossing  Main Line  Siding or Spur

4. Number of tracks at crossing 1

5. Average daily train traffic, freight 12

Authorized freight train speed 1-65 mph Operated freight train speed 65 mph

6. Average daily train traffic, passenger 2

Authorized passenger train speed 70mph Operated passenger train speed 70mph

7. Describe any changes to the information in 1 through 4, above, expected within ten years:

N/A

8. What is the available sight distance from the stop bar (or 25 feet from the tracks if no stop bar) on both approaches to the crossing?

More than 400 feet.

9. If the sight distance is less than 400 feet, describe the structures, roadway or track curvature, visual obstacles or other characteristics that limit sight distance.

N/A

***Section 6 – Current Warning Devices***

Provide a complete description of the warning devices currently located at the crossing (vehicle and pedestrian), including signs, gates, lights, train detection circuitry and any other warning devices.

Railroad crossing sign, lights, train detection circuitry, and crossing arms

***Section 7 – Description of Proposed Changes***

Describe in detail the number and type of proposed automatic signals (vehicle and pedestrian), gates or other warning devices, and/or changes to train detection circuitry. Please describe any other proposed changes at the crossing, including changes to the crossing surface, signage, pavement markings, etc. If sidewalks are being installed, please provide information on who will maintain them. (Attach additional information sheets, if needed.)

BNSF to install and maintain constant warning train detection, LED lights, and gates at the crossing. Spokane County to install and maintain guardrail, update signs and markings per the MUTCD.

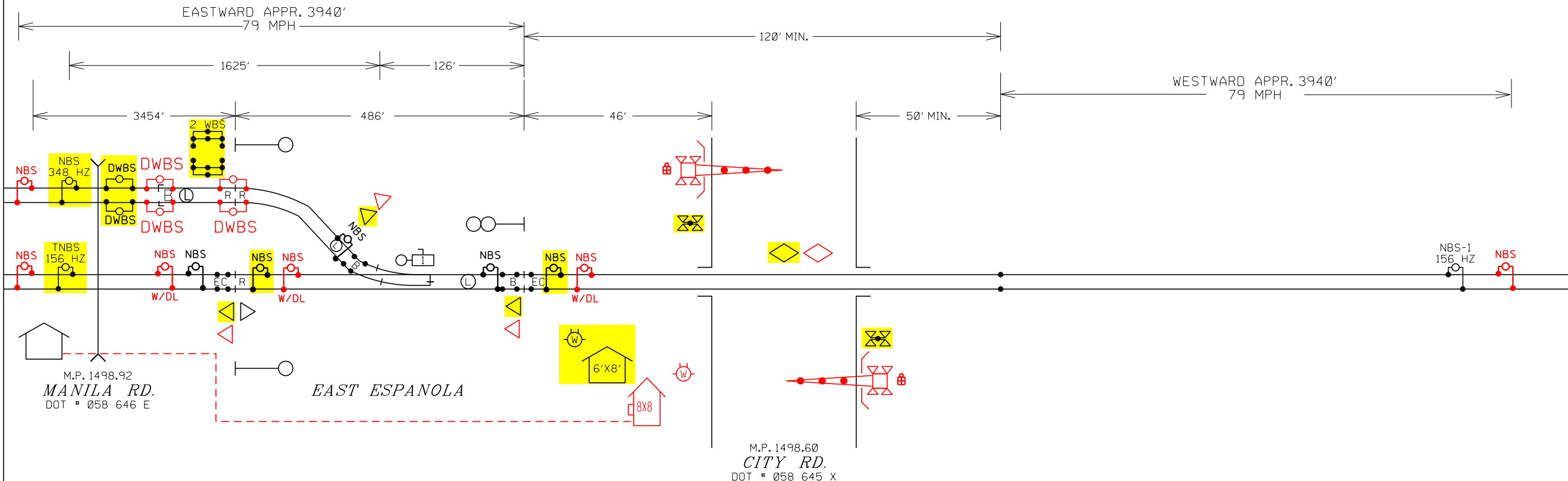
***Section 8 – Illustration of Proposed Warning Devices***

Attach a detailed design diagram, drawing, map or other illustration showing all proposed modifications, including signals, signage, pavement markings, sidewalks, etc.

The Burlington Northern & Santa Fe Railway Company

TO WENATCHEE

TO LATAH JCT.



PROJECT# 70952

INSTALL: FLASHERS, GATES & BUNGALOW  
 CONTROL DEVICES: CONSTANT WARNING  
 SALVAGE: NONE

RED = IN YELLOW = OUT



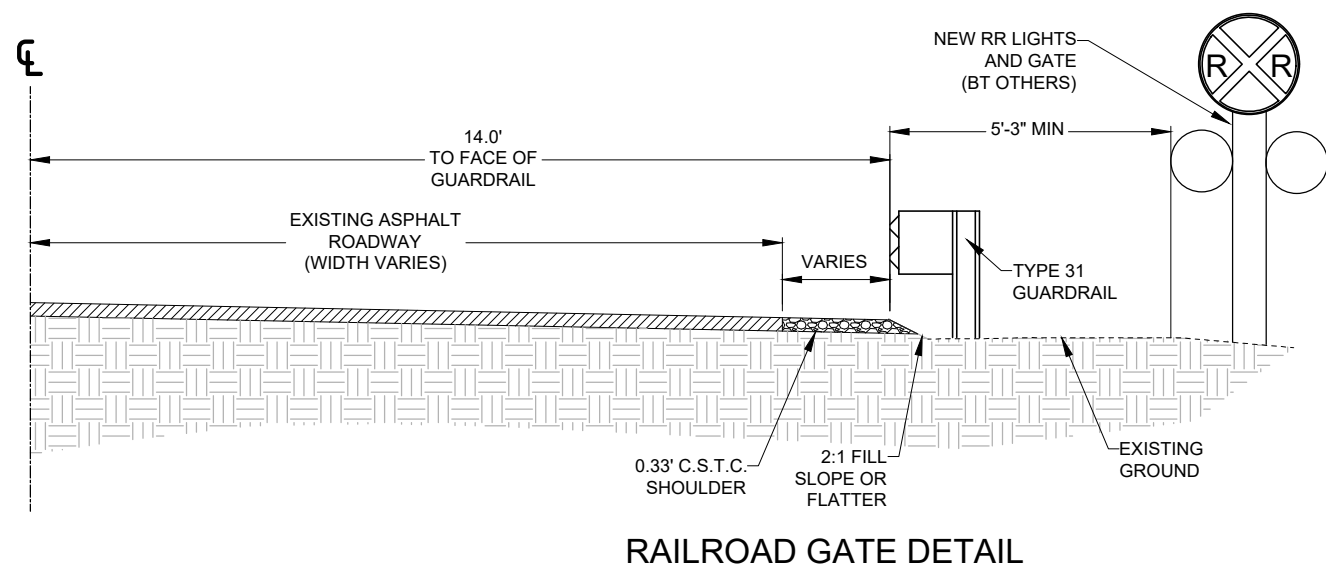
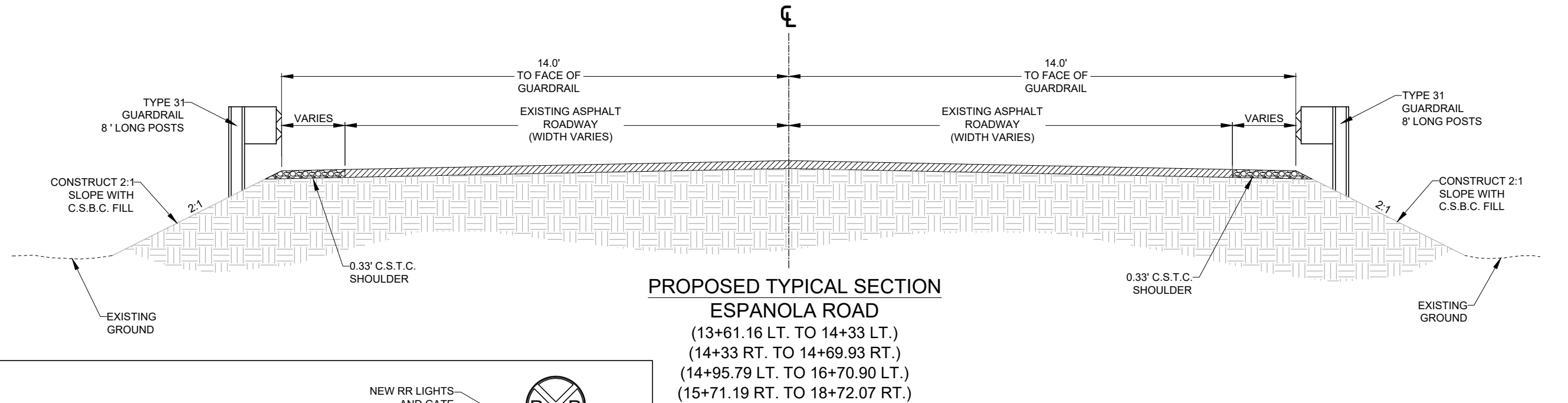
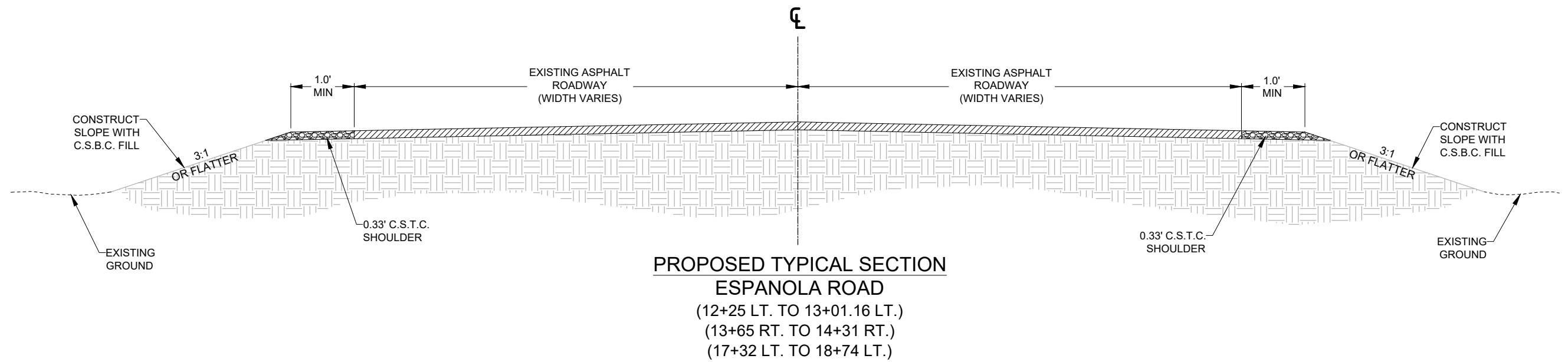
	INSTRUMENT HOUSE
	BELL
	METER
	CROSSING CONTROL CONNECTIONS
	BIDIRECTIONAL CROSSING CONTROL
	UNIDIRECTIONAL CROSSING CONTROL
	COUPLER OR TERMINATION
	GUARD RAIL

Warning device placement:  
 Clearance to C.L. Track = Min. 12'  
 Edge of Road to C.L. Foundation:  
 Min. 4'3" with curb,  
 Min. 8'3" without curb,  
 Max. 12'  
 House Clearance:  
 25' Min. to Near Rail  
 30' Min. to Edge of Road  
 ALL LIGHTS TO BE LED

**BNSF RAILWAY CO.**  
 LOCATION: ESPANOLA, WA  
 STREET: CITY ROAD  
 LS: 0037  
 M.P. 1498.60  
 DOT # 058 645 X  
 DIVISION: NORTHWEST  
 SUBDIVISION: COLUMBIA RIVER  
 KANSAS CITY  
 NO SCALE  
 DATE: 10/16/2019  
 FILE: 70952-STATE SKETCH-.dgn  
 AMW

Jan 23, 2020 11:07am

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NO	DATE	BY	CHKD.	APPR.	REVISION DESCRIPTION

T.I.B. AID PROJECT NO.		FED. AID PROJECT NO.	
REGION NO.	STATE	REGION NO.	STATE
10	WASH.	RAIL-33CE (001)	
DRAWN BY:	JB	12/30/2019	
DESIGNED BY:	CZ	12/30/2019	
CHECKED BY:	TS	12/30/2019	



Spokane County Department of Public Works  
1026 West Broadway Avenue,  
Spokane WA 99260-0170  
(509) 477-3600

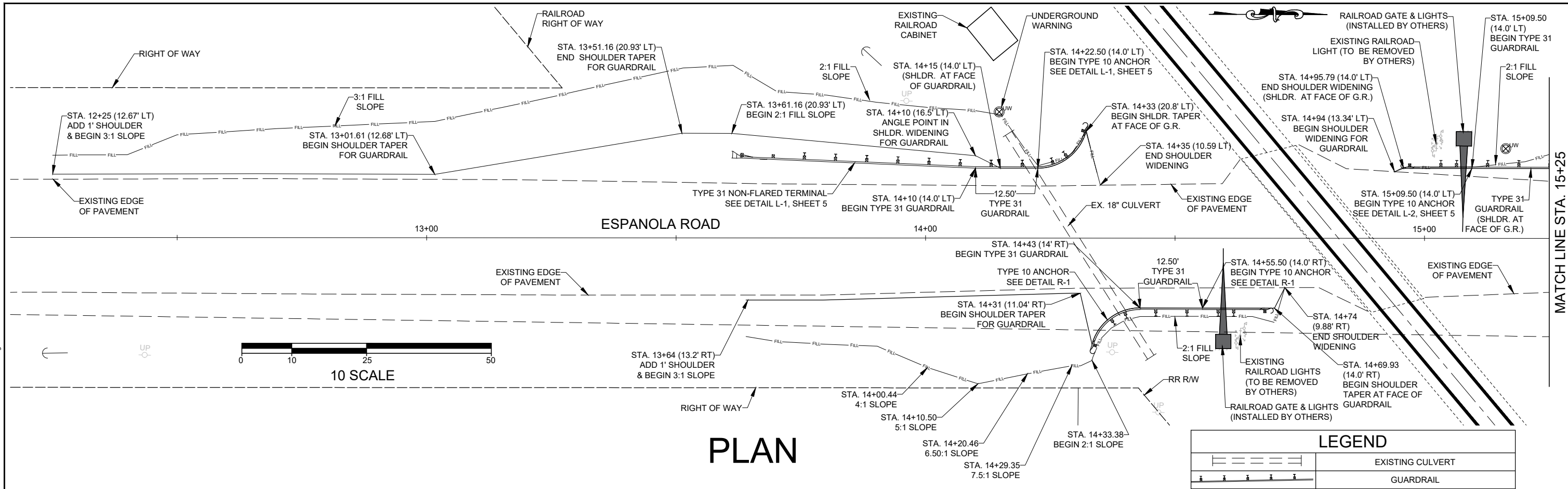


APPROVED:  
PROJECT  
MANAGER  
Date: \_\_\_\_\_

ESPANOLA ROAD (SECTION 130)  
**ESPANOLA RAILROAD SAFETY IMPROVEMENT**  
ESPANOLA ROAD & BNSF CROSSING #40021  
TYPICAL ROADWAY SECTIONS

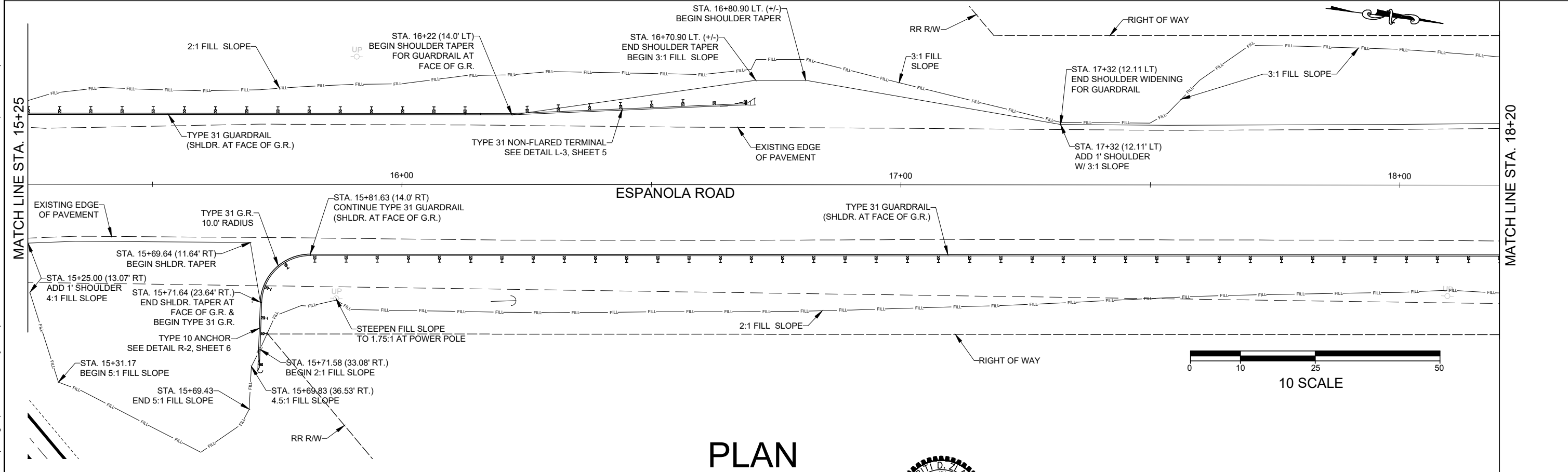
SHEET  
3 of 9

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# PLAN

LEGEND	
	EXISTING CULVERT
	GUARDRAIL

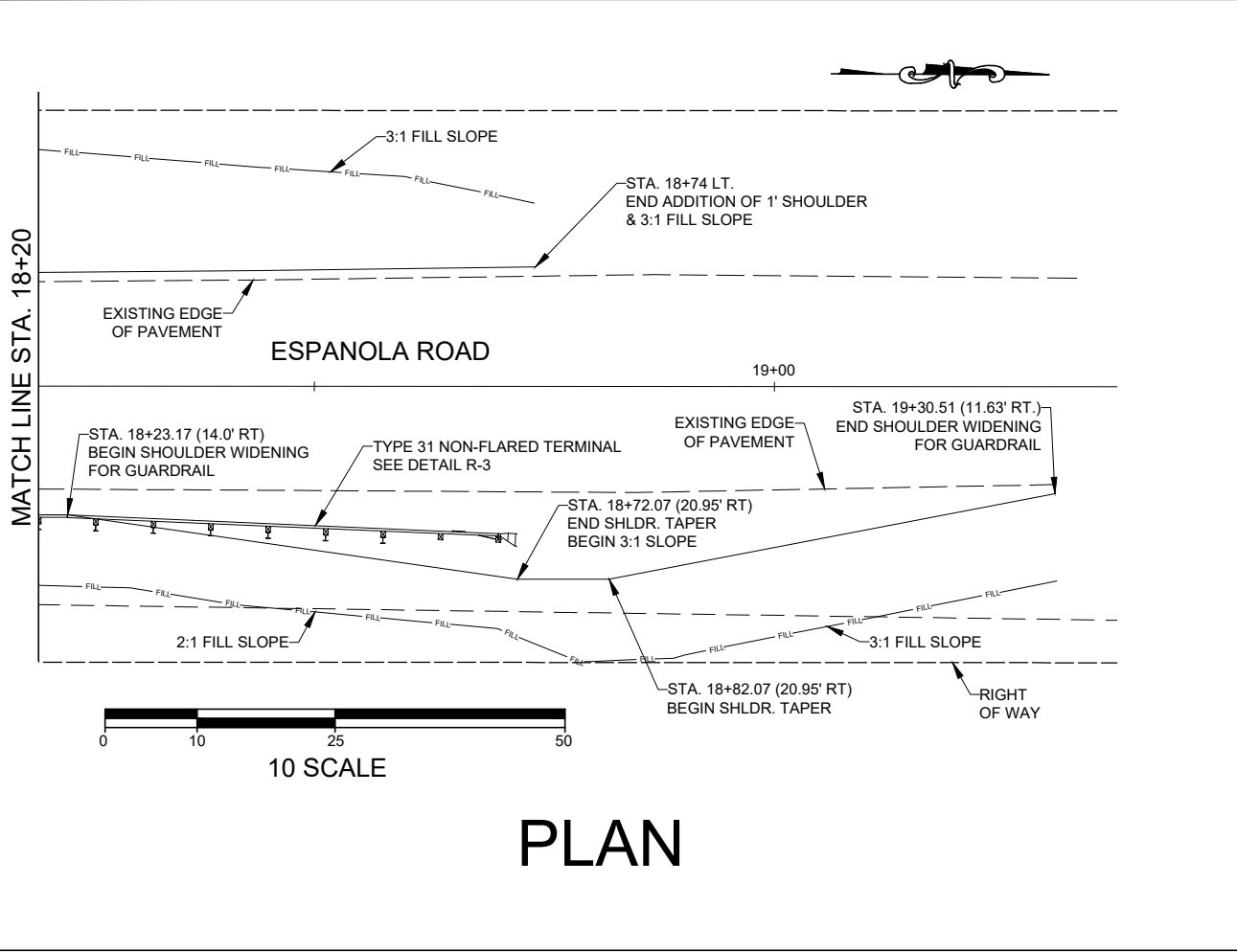


# PLAN

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REGION NO. 10	STATE WASH.	RAIL-32CE (001)	
DRAWN BY: JB	DESIGNED BY: CZ	CHECKED BY: TS	DATE: 12/30/2019
Spokane County Department of Public Works 1026 West Broadway Avenue, Spokane WA 99260-0170 (509) 477-3600		APPROVED: PROJECT MANAGER Date:	
ESPANOLA ROAD (SECTION 130) ESPANOLA RAILROAD SAFETY IMPROVEMENT ESPANOLA ROAD & BNSF CROSSING #40021 PLAN		SHEET 4 of 9	

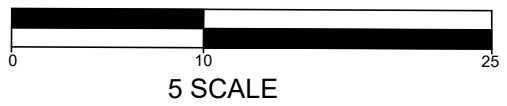
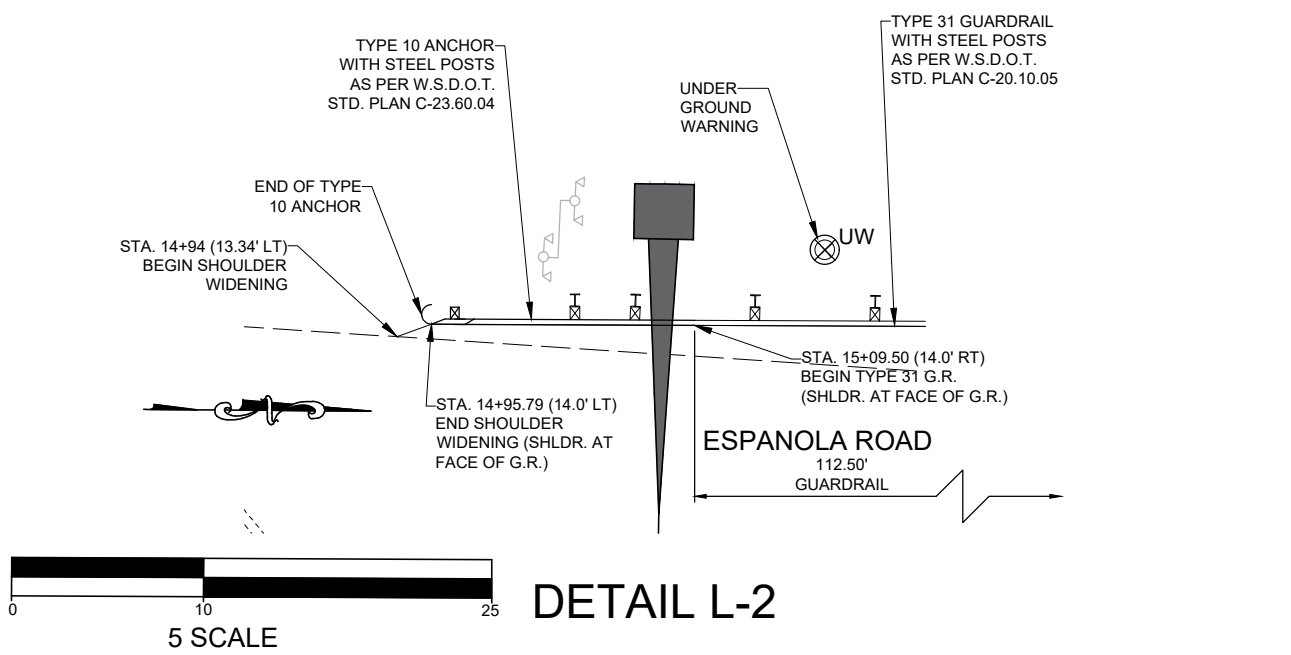


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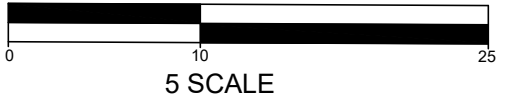
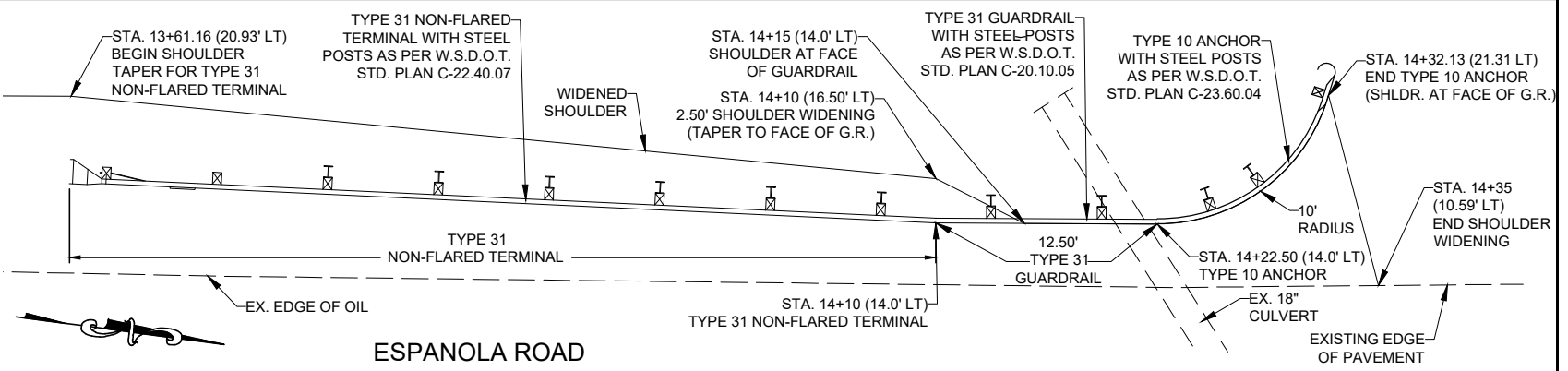


**PLAN**

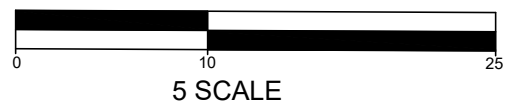
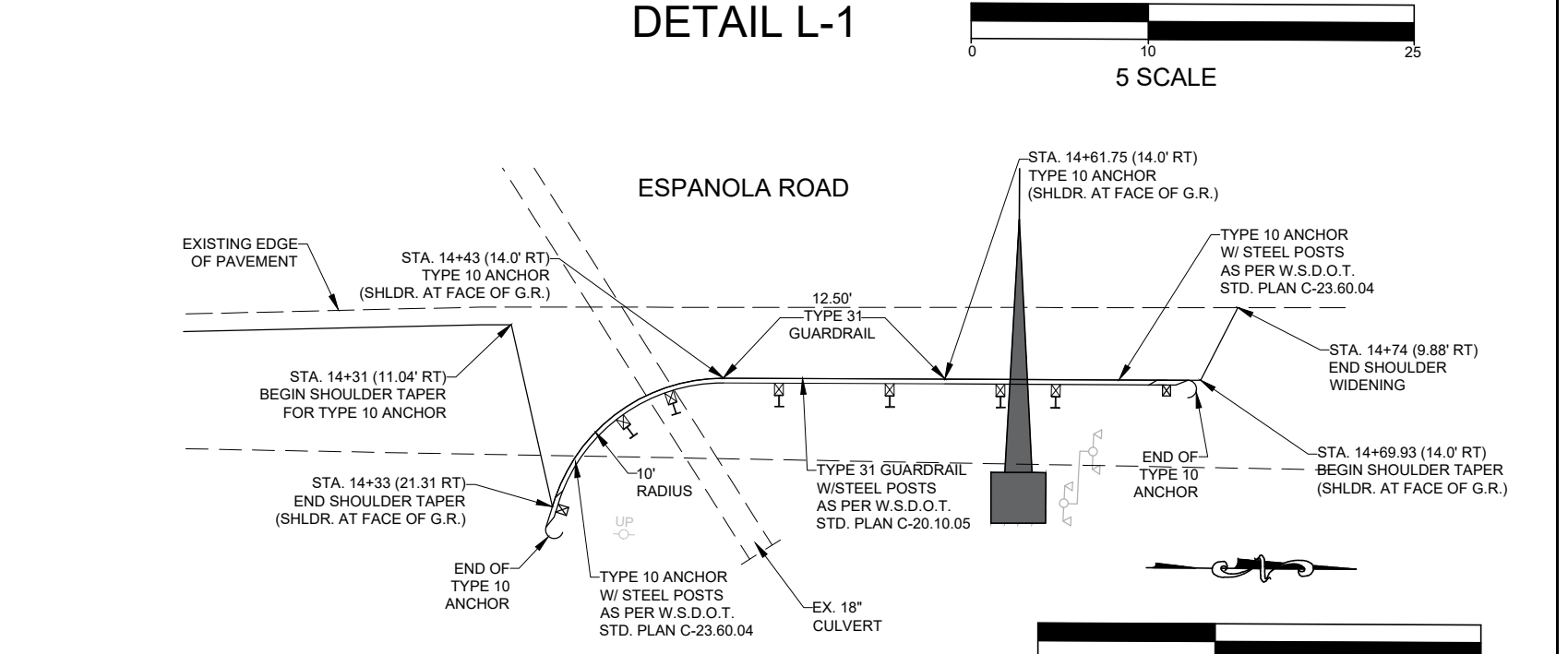
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	GUARDRAIL



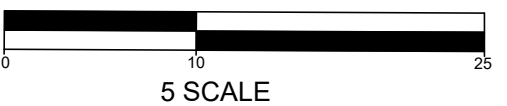
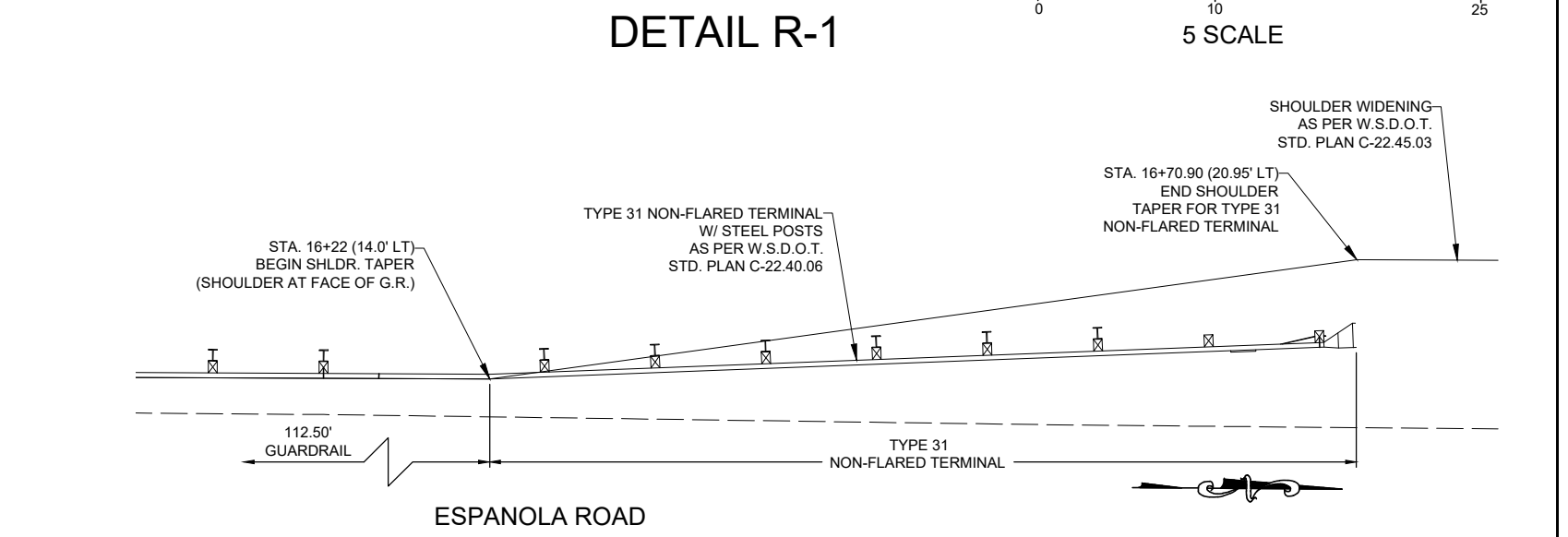
**DETAIL L-2**



**DETAIL L-1**



**DETAIL R-1**



**DETAIL L-3**

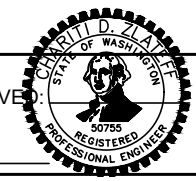
NO.	DATE	BY	CKD.	APPR.	REVISION DESCRIPTION

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 DRAWN BY: JB 12/30/2019  
 DESIGNED BY: CZ 12/30/2019  
 CHECKED BY: TS 12/30/2019



Spokane County Department of Public Works  
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 Spokane WA 99260-0170  
 (509) 477-3600

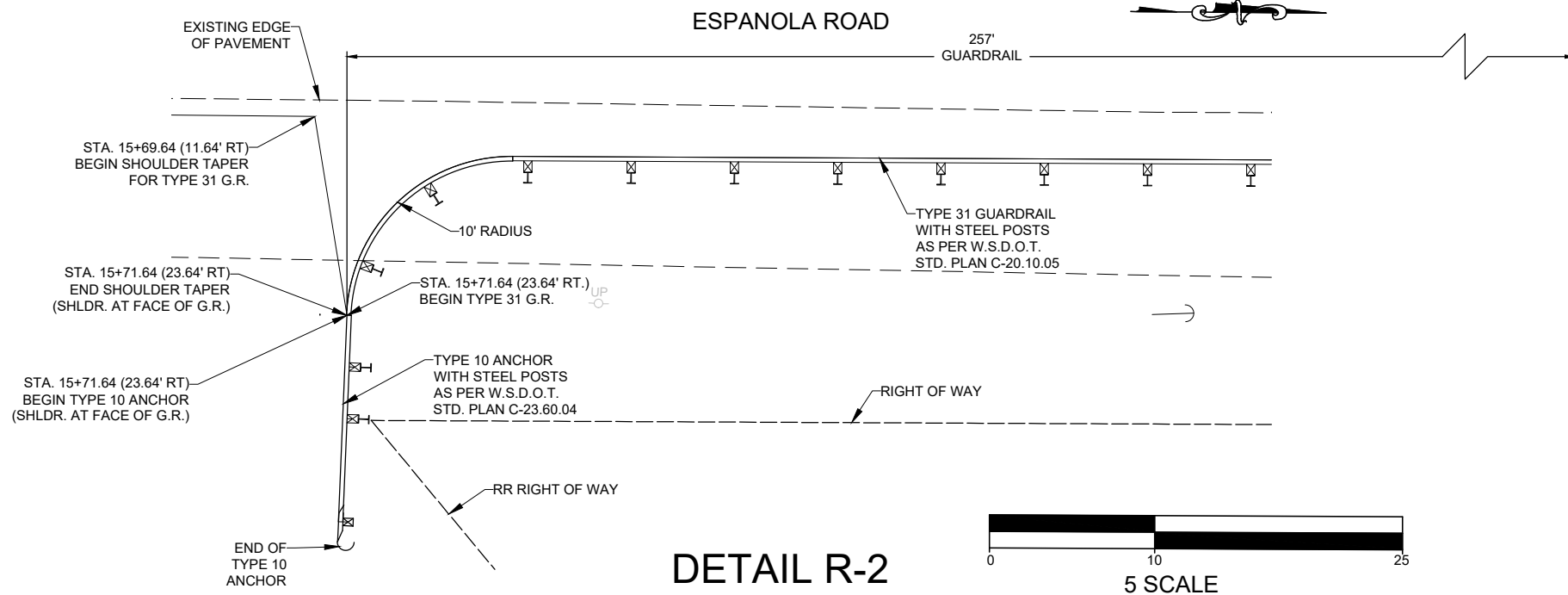
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 PROJECT MANAGER  
 Date: \_\_\_\_\_



ESPANOLA ROAD (SECTION 130)  
**ESPANOLA RAILROAD SAFETY IMPROVEMENT**  
 ESPANOLA ROAD & BNSF CROSSING #40021  
 PLAN & DETAILS

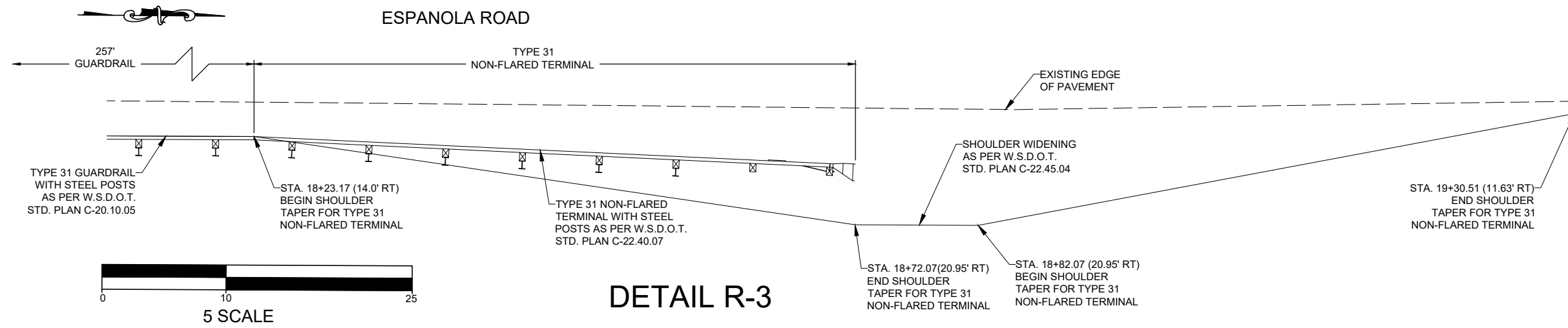
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**DETAIL R-2**

LEGEND	
	EXISTING CULVERT
	GUARDRAIL



**DETAIL R-3**

NO	DATE	BY	CHKD.	APPR.	REVISION DESCRIPTION

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REGION NO.	STATE		
10	WASH.	RAIL-33CE (001)	
DRAWN BY:	JB	12/30/2019	
DESIGNED BY:	CZ	12/30/2019	
CHECKED BY:	TS	12/30/2019	



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Spokane WA 99260-0170  
(509) 477-3600

APPROVED:  
PROJECT  
MANAGER  
Date: \_\_\_\_\_



ESPANOLA ROAD (SECTION 130)  
**ESPANOLA RAILROAD SAFETY IMPROVEMENT**  
ESPANOLA ROAD & BNSF CROSSING #40021  
DETAILS

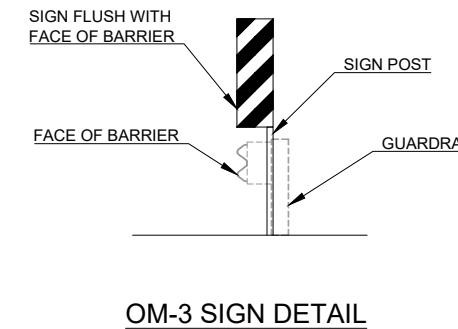
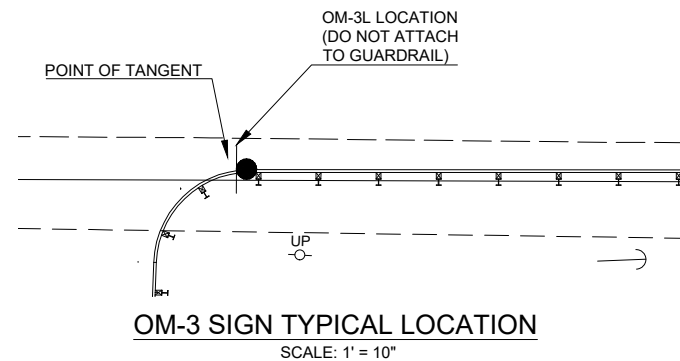
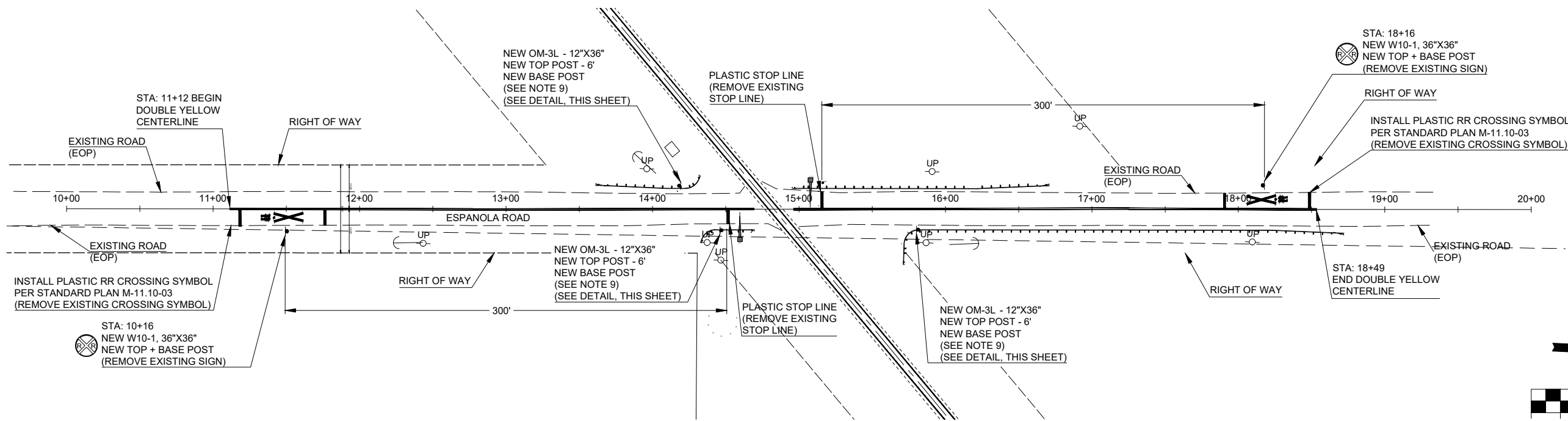
Y:\Design\Civil 3D Projects\GRP 3250 - ESPANOLA ROAD RR CROSSING\DRAWINGS\GRP-3250 ESPANOLA SIGNS AND PAVEMENT MARKINGS.dwg Jan 23, 2020 11:41am

**PERMANENT SIGNING NOTES:**

1. SEE SPOKANE COUNTY STD. PLANS A-16 & A-16B FOR SIGN DETAILS.
2. POSTS SHALL BE GREEN U-CHANNEL, 3LB/FT.
3. SIGN SIZES SHALL CONFORM TO M.U.T.C.D. FOR CONVENTIONAL ROADS UNLESS OTHERWISE NOTED.
4. FOR ADDITIONAL SIGN FABRICATION SEE W.S.D.O.T. SIGN FABRICATION MANUAL (M55-05).
5. ALL SIGN SHEETING SHALL BE A.S.T.M. TYPE III/IV OR BETTER.
6. SIGN INSTALLATION SHALL CONFORM TO M.U.T.C.D. 2009.
7. ALL EXISTING BASE POSTS THAT REMAIN FOLLOWING A SIGN REMOVAL OR RELOCATION SHALL BE PULLED.
8. "NEW", "REPLACE", AND "REMOVE" NOTES ARE SHOWN TO DESCRIBE WORK ON A PLATE. EXISTING PLATES IDENTIFIED WITHOUT INSTRUCTIONS SHALL REMAIN WITH THE POST.
9. SIGN POST SHALL NOT BE ATTACHED TO GUARDRAIL.

**PAVEMENT MARKING NOTES:**

1. SEE W.S.D.O.T. STD. PLAN M-20.10-02 FOR PAVEMENT MARKING PATTERNS. DISTANCE BETWEEN DOUBLE YELLOW CENTERLINE SHALL BE 4 INCHES.
2. STOP LINE SHALL BE LOCATED 8 FEET FROM GATE. SEE WSDOT STD PLAN M-11.10-03 FOR RAILROAD CROSSING LAYOUT. USE STANDARD SYMBOL LAYOUT. VARIANCE IN LOCATION SHALL BE DETERMINED BY SPOKANE COUNTY ENGINEER.
3. CENTERLINES LINE SHALL BE PAINT. STRIPING EQUIPMENT SHALL USE A 2-GUN SYSTEM.
4. ALL DIMENSIONS ARE TO THE CENTER OF THE LINE OR CENTER OF A SET OF LINE (FOR DOUBLE YELLOW).
5. RAILROAD CROSSING SYMBOLS AND STOP LINES SHALL BE TYPE B-PREFORMED FUSED THERMOPLASTIC.
6. CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LAYOUT. COUNTY INSPECTOR SHALL APPROVE LAYOUT PRIOR TO PAVEMENT MARKING INSTALLATION.



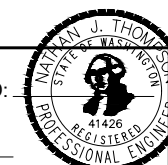
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T.I.B. AID PROJECT NO.		FED. AID PROJECT NO.	
REGION NO.	STATE	RAIL-32CE (001)	
10	WASH.		
DRAWN BY:	JG	12/30/2019	
DESIGNED BY:	HD	12/30/2019	
CHECKED BY:	NT	12/30/2019	



Spokane County Department of Public Works  
1026 West Broadway Avenue,  
Spokane WA 99260-0170  
(509) 477-3600

APPROVED:  
TRAFFIC ENGINEER  
Date: \_\_\_\_\_



COUNTY ROAD PROJECT No.3250  
**ESPANOLA RAILROAD CROSSING SAFETY IMPROVEMENT**  
ESPANOLA ROAD & BNSF CROSSING #40021  
SIGNS AND PAVEMENT MARKINGS

SHEET  
7 of 9

*Section 9 – Waiver of Hearing by Respondent*

**Waiver of Hearing**

The undersigned represents the Respondent in the petition to modify highway-rail grade crossing warning signal system at the following crossing.

USDOT Crossing No. 058642C

We have investigated the conditions at the crossing. We are satisfied the conditions are the same as described by the Petitioner in this docket. We agree the warning signal system should be modified and consent to a decision by the commission without a hearing.

Dated at Seattle , Washington, on the 12<sup>th</sup> day of  
May , 2020.

Stephen Semenick  
Printed name of Respondent

  
Signature of Respondent's Representative

Manager Public Projects  
Title

206-625-6152; stephen.semenick@bnsf.com  
Phone number and e-mail address

2454 Occidental Ave S, Suite 1A, Seattle, WA 98134  
Mailing address