



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: 058642C

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</u> <u>Stephen.Semenick@BNSF.com</u> Contact Phone Number and Email Address

Section 3 – Crossing Location

1. Existing highway/roadway	<u>Brooks Road</u>		
2. Existing railroad	<u>BNSF</u>		
3. USDOT Crossing No.	<u>058642C</u>		
4. GPS location	<u>47. 62587, -117.690166</u>		
5. Railroad mile post (nearest tenth)	<u>1496.068</u>		
6. City	<u>Medical Lake</u>	County	<u>Spokane</u>

Section 4 – Vehicle Traffic

1. Name of highway Brooks Road

2. Road authority Spokane County

3. Average annual daily traffic (AADT) 2462

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? 12

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 65mph Operated passenger train speed 65mph

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 relocate existing signal masts and install LEDs. Railroad signal equipment to be maintained by BNSF. Spokane County will install and maintain guardrail, center median, and update signs/markings per the MUTCD.

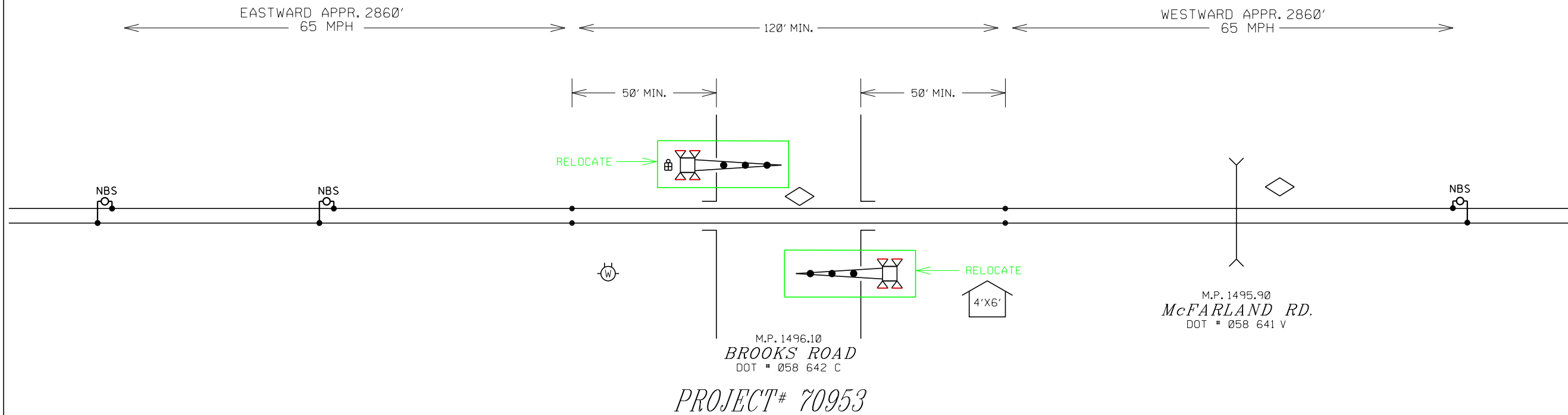
Section 8 – Illustration of Proposed Warning Devices

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.



REPLACE: FLASHERS
 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

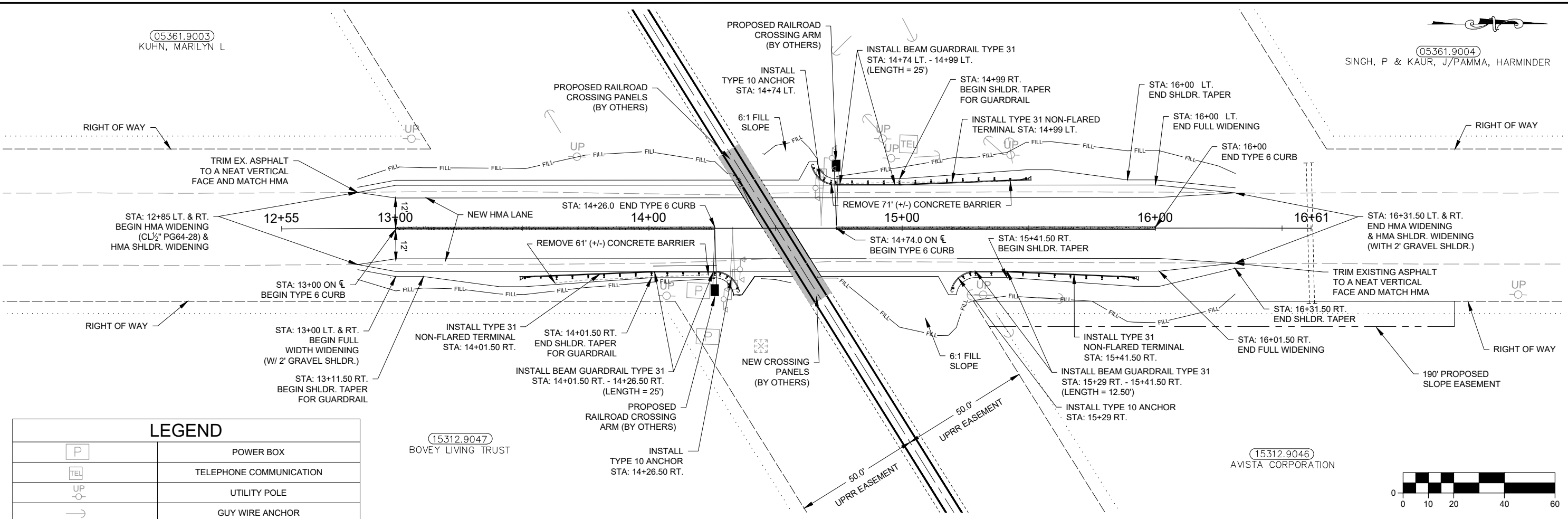
Warning device placement:
 Clearance to C.L. Track = Min. 12'
 Edge of Road to C.L. Foundation:
 Min. 4'3" with curb,
 Min. 8'3" without curb,
 Max. 12'
 House Clearance: 25' Min. to Near Rail
 30' Min. to Edge of Road
 ALL LIGHTS TO BE LED

BNSF RAILWAY CO.
 LOCATION: ESPANOLA, WA
 STREET: S BROOKS RD
 LS: 0037
 M.P. 1496.1
 DOT # 058 642 C
 DIVISION: NORTHWEST
 SUBDIVISION: COLUMBIA RIVER
 KANSAS CITY
 NO SCALE
 DATE: 03/17/2020
 FILE: 70953-STATE SKETCH-.dgn
 HWH

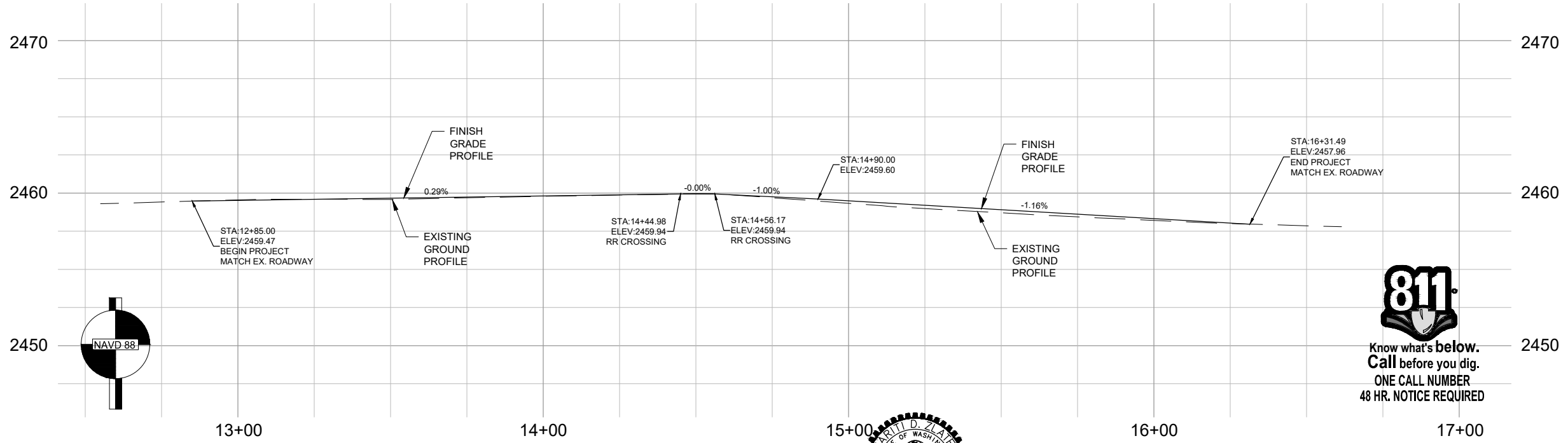
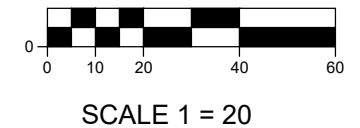
C:\Users\czlateff\Desktop\CRP-3249 BROOKS RR-NEW-MASTER.dwg Feb 20, 2020 2:46pm

05361.9003
KUHNS, MARILYN L

05361.9004
SINGH, P & KAUR, J/PAMMA, HARMINDER



LEGEND	
	POWER BOX
	TELEPHONE COMMUNICATION
	UTILITY POLE
	GUY WIRE ANCHOR
	CULVERT
	CONTROL CABINET
	GUARDRAIL



<table border="1"> <tr> <td>NO.</td> <td>DATE</td> <td>BY</td> <td>CKD.</td> <td>APPR.</td> <td>REVISION DESCRIPTION</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>					NO.	DATE	BY	CKD.	APPR.	REVISION DESCRIPTION							<table border="1"> <tr> <td>T.I.B. AID PROJECT NO.</td> <td> </td> </tr> <tr> <td>REGION NO.</td> <td>STATE</td> </tr> <tr> <td>10</td> <td>WASH.</td> </tr> <tr> <td>FED. AID PROJECT NO.</td> <td>RAIL-1321 (007)</td> </tr> <tr> <td>DRAWN BY:</td> <td>JB 11/19/2019</td> </tr> <tr> <td>DESIGNED BY:</td> <td>CZ 11/19/2019</td> </tr> <tr> <td>CHECKED BY:</td> <td>TS 11/19/2019</td> </tr> </table>		T.I.B. AID PROJECT NO.		REGION NO.	STATE	10	WASH.	FED. AID PROJECT NO.	RAIL-1321 (007)	DRAWN BY:	JB 11/19/2019	DESIGNED BY:	CZ 11/19/2019	CHECKED BY:	TS 11/19/2019	<p>Spokane County Department of Public Works 1026 West Broadway Avenue, Spokane WA 99260-0170 (509) 477-3600</p>		<p>APPROVED: _____ PROJECT MANAGER Date: _____</p>		<p>COUNTY ROAD PROJECT No. 3249 BROOKS RAILROAD CROSSING SAFETY IMPROVEMENT BROOKS ROAD & BSNF CROSSING #40121 PLAN & PROFILE</p>		<p>SHEET 4 of 6</p>	
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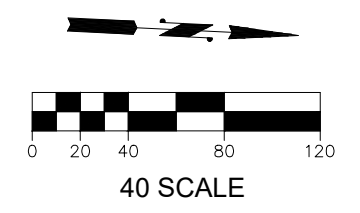
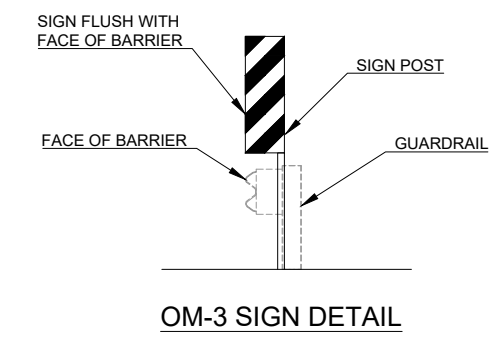
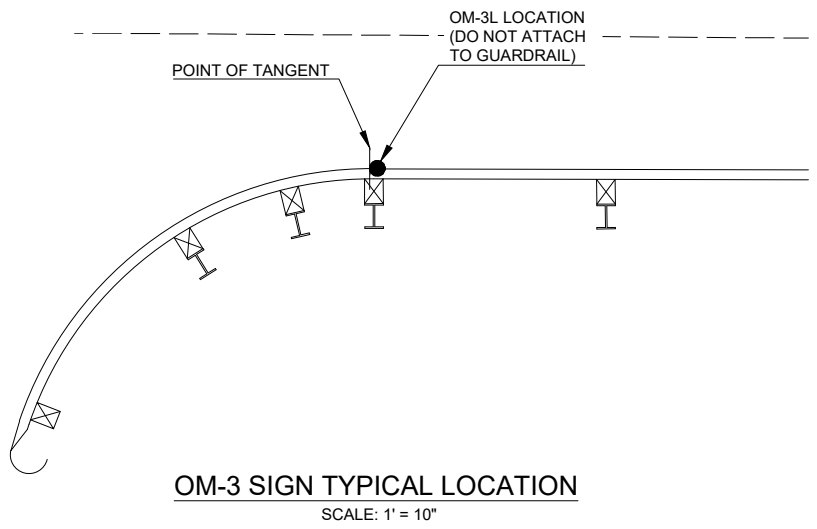
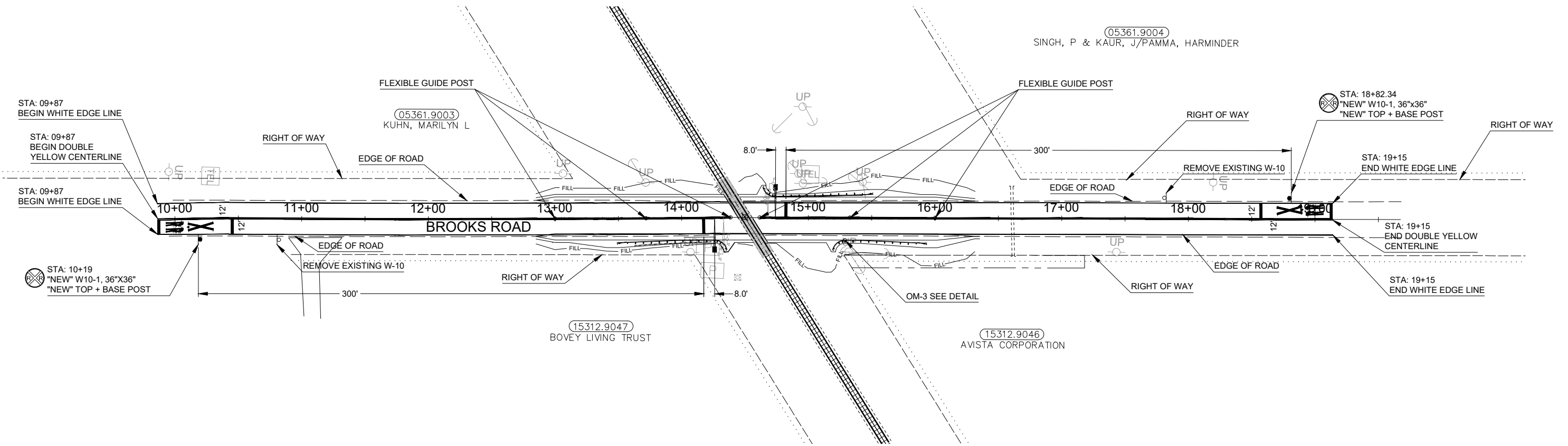
Y:\Design\Civil 3D Projects\CRP3249 - BROOKS ROAD RR CROSSING\DRAWINGS\CRP-3249 BROOKS ROAD SIGNS AND PAVEMENT MARKING.dwg Feb 20, 2020 2:17pm

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.



NO.		DATE	BY	CKD.	APPR.	REVISION DESCRIPTION

T.I.B. AID PROJECT NO.		FED. AID PROJECT NO.	
REGION NO.	STATE	RAIL-1321 (007)	
10	WASH.		
DRAWN BY:	JG	DESIGNED BY:	HD
		CHECKED BY:	NT



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.3249
BROOKS RAILROAD CROSSING SAFETY IMPROVEMENT
BROOKS ROAD & BNSF CROSSING #40121
SIGNING AND PAVEMENT MARKING

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 12th 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