



WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

BNSF Railway Company  
 \_\_\_\_\_  
 Petitioner,  
  
 vs.  
  
 City of Mesa  
 \_\_\_\_\_  
 Respondent

DOCKET NO. TR-  
  
 PETITION TO MODIFY WARNING  
 DEVICES AT A HIGHWAY-  
 RAILROAD GRADE CROSSING

USDOT: 089694E

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 COMMISSION

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

*Section 1 – Petitioner’s Information*

BNSF Railway Company	
Petitioner	
	
Signature	
2454 Occidental Ave S, Suite 1A	
Street Address	
Seattle, WA 98134	
City, State and Zip Code	
Mailing Address, if different than the street address	
Stephen Semenick	
Contact Person Name & Signature	
206-625-6152; <a href="mailto:stephen.semenick@bnsf.com">stephen.semenick@bnsf.com</a>	
Contact Phone Number and Email	

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

City of Mesa	_____
Respondent	_____
103 Franklin St	_____
Street Address	_____
Mesa, WA 99343	_____
City, State and Zip Code	_____
PO Box 146, Mesa, WA 99343	_____
Mailing Address, if different than the street address	_____
Gayle Carrasco	_____
Contact Person Name	_____
509-265-4253	_____
Contact Phone Number and Email	_____

***Section 3 – Crossing Location***

1. Existing highway/roadway	<u>Mesa St</u>	_____
2. Existing railroad	<u>BNSF Railway Company</u>	_____
3. USDOT Crossing No.	<u>089694E</u>	_____
4. GPS location	<u>46.581329, -119.008052</u>	_____
5. Railroad mile post (nearest tenth)	<u>119.5</u>	_____
6. City	<u>Mesa</u>	County <u>Franklin</u>

**Section 4 – Highway Information**

1. Name of highway Mesa St

2. Road authority City of Mesa

3. Average annual daily traffic (AADT) 33 (1987)

4. Number of lanes 2

5. Roadway speed 25 mph

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

7. If so, trucks are what percent of total daily traffic? 30%

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

9. If so, how many school buses travel over the crossing each day? N/A

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

None  
\_\_\_\_\_  
\_\_\_\_\_

11. 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?

> 400' in all directions  
\_\_\_\_\_  
\_\_\_\_\_

12. 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 5 – Railroad Information**

1. Railroad company BNSF Railway Company

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   2  

5. Average daily train traffic, freight  38 

   Authorized freight train speed  60 mph     Operated freight train speed  60 mph 

6. Average daily train traffic, passenger   2  

   Authorized passenger train speed  75 mph     Operated passenger train speed  75 mph 

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

None  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### ***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.

Crossing is currently equipped with flashing lights and gates, audible warning devices, crossbucks, ENS signs, and advanced warning signs (e.g. W10-1). Train detection is motion detection.

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

Describe in detail the number and type of proposed automatic signals (vehicle and pedestrian), gates, other warning devices, and/or changes to train detection circuitry. *(RCW 81.53.271)*  
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 proposes to install constant warning circuitry at the crossing to replace the existing motion detection.

***Section 8 – Illustration of Crossing***

Attach a detailed diagram, design drawing, map, or other illustration showing the current and proposed layout of the road, crossing surface, and railway in the vicinity of the crossing, including shoulders, sidewalks, lanes of travel, bike lanes, warning devices, pavement markings and any other applicable crossing conditions.

***Section 9 – Description of Public Safety Need***

Describe and support the public safety need for the proposed changes. *(RCW 81.53.261)*

FRA issued a defect related to gate down time at the crossing. The proposed modifications shall address the FRA's concerns and remove their defect.

***Section 10 – Approximate Cost of Installation and Related Work***

Provide the approximate cost of installation and related work for the proposed changes to signals and/or warning devices. *(RCW 81.53.271)*

Installation costs for the proposed circuitry modification is \$2,000.

***Section 11 – Approximate Cost of Annual Maintenance***

Provide the approximate cost of annual maintenance for the signals and/or warning devices. *(RCW 81.53.271)*

Annual maintenance costs are estimated at \$4,000 for the crossing.

**Section 12 – Cost Apportionment**

If the commission directs the installation of or changes to the warning devices requested in this petition, it will apportion installation and maintenance costs in accordance with the applicable statutes. (RCW 81.53.261-295)

Interested parties may instead enter into an agreement providing for the installation of signals or other warning devices or for the apportionment of the cost of installation and maintenance. (RCW 81.53.261) **If the parties to this petition have reached an agreement related to apportionment of costs, please sign here to confirm:**

Petitioner Signature: Ali Sadi Respondent Signature: \_\_\_\_\_

**Section 12 – Cost Apportionment**

If the commission directs the installation of or changes to the warning devices requested in this petition, it will apportion installation and maintenance costs in accordance with the applicable statutes. (RCW 81.53.261-295)

Interested parties may instead enter into an agreement providing for the installation of signals or other warning devices or for the apportionment of the cost of installation and maintenance. (RCW 81.53.261) **If the parties to this petition have reached an agreement related to apportionment of costs, please sign here to confirm:**

Petitioner Signature: \_\_\_\_\_

Respondent Signature: \_\_\_\_\_

A handwritten signature in black ink, appearing to be a stylized name, is written over the respondent signature line.



*Section 13 – Waiver of Hearing by Respondent*

**Waiver of Hearing**

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

USDOT Crossing No. 089694E

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 devices should be modified and consent to a decision by the commission without a hearing.

Dated at \_\_\_\_\_, Washington, on the \_\_\_\_\_ day of  
\_\_\_\_\_, 2021.

\_\_\_\_\_  
Printed name of Respondent

\_\_\_\_\_  
Signature of Respondent's Representative

\_\_\_\_\_  
Title

\_\_\_\_\_  
Phone number and email

\_\_\_\_\_  
Mailing address

**Checklist prior to submitting petition:**

- ✓ Ensure all petition fields are completed.
- ✓ Ensure parties sign Section 12 regarding any Cost Apportionment agreement, if applicable.
- ✓ Obtain signature on Waiver of Hearing (Section 13). *If respondent fails to sign Waiver, advise UTC staff upon submission.*
- ✓ Attach copies of:
  - Illustration of crossing (described in Section 8).
  - Any other relevant documents to support the petition, including but not limited to support of public need, project information, etc.

**Submitting the petition:** To officially file the petition, send the petition form and supporting documents to [Records@utc.wa.gov](mailto:Records@utc.wa.gov).

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**Questions:** For questions, please contact:

<p><b>Mike Turcott</b> Transportation Planning Specialist <a href="mailto:mike.turcott@utc.wa.gov">mike.turcott@utc.wa.gov</a> (360) 764-0572</p>	<p><b>Betty Young</b> Rail Safety Program Advisor <a href="mailto:betty.young@utc.wa.gov">betty.young@utc.wa.gov</a> (360) 292-5470</p>
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