



WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

Northwest Railway Museum
Petitioner,

vs.

City of Snoqualmie
Respondent

DOCKET NO. TR-

PETITION TO MODIFY WARNING
DEVICES AT A HIGHWAY-
RAILROAD GRADE CROSSING
AND REQUESTING
DISBURSEMENT OF FUNDS FROM
THE GRADE CROSSING
PROTECTIVE FUND

State Of WASH.
DTL. AND TRANSP.
COMMISSION

08/27/21 09:38

Received
Records Management

USDOT: 092031B

The Petitioner asks the Washington Utilities and Transportation Commission to approve modifications to warning devices at a highway-rail grade crossing, and to disburse funds from the Grade Crossing Protective Fund.

Section 1 – Petitioner’s Information

Northwest Railway Museum

Petitioner

Signature

9312 Stone Quarry Road

Street Address

Snoqualmie, WA 98065

City, State and Zip Code

PO Box 459, Snoqualmie, WA 98065-0459

Mailing Address, if different than the street address

Richard R. Anderson

Contact Person Name & Signature

425.888.3030 X7201 richard@TrainMuseum.org

Contact Phone Number and Email

Section 2 – Respondent's Information

City of Snoqualmie

Respondent

38624 SE River Street

Street Address

Snoqualmie, WA 98065

City, State and Zip Code

PO Box 987, Snoqualmie, WA 98065

Mailing Address, if different than the street address

Mark Correira

Contact Person Name

425.888.1551 mcorreira@snoqualmiewa.gov

Contact Phone Number and Email

Section 3 – Crossing Location

1. Existing highway/roadway: **Meadowbrook Way SE**
2. Existing railroad: **Snoqualmie Valley Railroad**
3. USDOT Crossing No.: **092031B**
4. GPS location: **47.5182700, -121.8178900**
5. Railroad mile post (nearest tenth): **33.69**
6. City: **Snoqualmie** County: **King**

Section 4 – Highway Information

1. Name of highway: **Meadowbrook Way SE**

2. Road authority: **City of Snoqualmie**

3. Average annual daily traffic (AADT): **3230**

4. Number of lanes: **2**

5. Roadway speed: **35**

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

7. If so, trucks are what percent of total daily traffic? **15%**

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

9. If so, how many school buses travel over the crossing each day? **20**

10. Describe any changes to the information in 1 through 9, above, expected within ten years:
092031B

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?

Approximately 150 feet each way.

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.

Trees and shrubs.

Section 5 – Railroad Information

1. Railroad company: **Snoqualmie Valley Railroad**

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: **0**
Authorized freight train speed: **n/a** Operated freight train speed: **n/a**

6. Average daily train traffic, passenger: **2**
Authorized passenger train speed: **20** Operated passenger train speed: **20**

7. Describe any changes to the information in 1 through 6 above, expected within ten years:
Train frequency is expected to approximately double over the next 10 years due to the introduction of additional service.

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.

Style C track circuits operating conventional relays with a circuit to activate advance traffic preemption. Two sets of front/back flashing lights and two electric gates provide active warning to vehicles of approaching trains. There is one R8-8 for the northbound lane.

There are no curbs or sidewalks at this crossing.

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.

The petitioner proposes replacement of two (2) sets of back up batteries that are now at the end of their useful life of 20 years.

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 – Traffic Signal Preemption

Are the railroad signals currently interconnected with a traffic signal(s)?

Yes No

Will this project interconnect railroad signals with a traffic signal(s) or modify the existing traffic signal preemption timing?

Yes No

If yes, attach documentation supporting the proposed traffic signal preemption timing calculations (e.g., TXDOT Guide for Determining Time Requirements for Traffic Signal Preemption at Highway Rail Grade Crossings or similar preemption worksheet/plan), which must be certified by a professional engineer.

Section 10 – Description of Public Safety Need

Describe and support the public safety need for the proposed changes. (RCW 81.53.261)
Snoqualmie experiences frequent winter power outages. Public safety and Federal regulation requires reliable back up batteries for active highway/railway crossing systems.

Section 11 – Approximate Cost of Installation and Related Work

1. Provide the approximate cost of installation and related work for the proposed changes to signals and/or warning devices: **\$5,998.65**
2. Provide an itemized breakdown of materials, names of the parties contributing to the project, including labor, and the amount each is contributing: **See attached.**
3. Provide the amount requested from the GCPF grant program (RCW 81.53.271): **\$5,298.65**

Section 12 – Approximate Cost of Annual Maintenance

Provide the approximate cost of annual maintenance for the signals and/or warning devices (RCW §1.53.271):

\$7,200.00

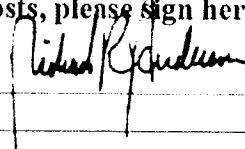
There will be no change in any existing agreements for operation or maintenance.

Section 13 – Cost Apportionment

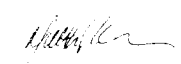
If the commission directs the installation of or changes to the warning devices requested in this petition, it will apportion installation and maintenance costs in accordance with the applicable statutes. (RCW §1.53.261-295)

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 §1.53.261) **If the parties to this petition have reached an agreement related to apportionment of costs, please sign here to confirm:**

Petitioner Signature:



Respondent Signature:



Section 14 – Project Completion Date

Project completion date: 31 December 2021

Section 15 – Waiver of Hearing by Respondent

Waiver of Hearing

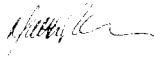
The undersigned represents the Respondent in the petition to modify highway-rail grade crossing warning devices at the following crossing.

USDOT Crossing No. **092031B**

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 have reviewed and have no objection to the proposed traffic signal preemption timing calculations as submitted with this petition. We agree the warning devices should be modified and consent to a decision by the commission without a hearing.

Dated at Snoqualmie, Washington, on the 20 day of August, 2021.

City of Snoqualmie
Printed Name of Respondent



Signature of Respondent's Representative

Mayor
Title

425.888.1551
Phone Number

mlarson@snoqualmiewa.gov
Email

PO Box 987
Snoqualmie, WA 98065-0987

Mailing Address

Checklist prior to submitting petition:

- ✓ Ensure all petition fields are completed.
- ✓ Ensure parties sign Section 13 regarding any Cost Apportionment agreement, if applicable.
- ✓ Obtain signature on Waiver of Hearing (Section 15). *If respondent fails to sign Waiver, advise UTC staff upon submission.*
- ✓ Attach copies of:
 - Illustration of crossing (described in Section 8).
 - Proposed traffic signal preemption timing calculations, if applicable (described in Section 9), and identification or documentation that the calculations are certified by a professional engineer.
 - 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.

Questions: For questions, please contact:

<p>Mike Turcott Transportation Planning Specialist mike.turcott@utc.wa.gov (360) 764-0572</p>	<p>Betty Young Rail Safety Program Advisor betty.young@utc.wa.gov (360) 292-5470</p>
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King County iMap



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Date: 8/20/2021

Notes:

Meadowbrook Way SE

Crossing #092.031B

MP 33.69



King County



**NORTHWEST
RAILWAY
MUSEUM**

9312 Stone Quarry Road PO Box 459 Snoqualmie, WA 98065
Phone: (425) 888-3030 x7201
Web: TrainMuseum.org Blog: TrainMuseum.blogspot.com
Email: richard@trainmuseum.org

20 August 2021 - detailed description of costs associated with a petition to modify warning devices at highway-railway grade crossing #092031B and requesting disbursement of funds from the grade crossing protective fund.

Twelve (12) GNB 2.2 volt Absolyte batteries	\$4,609.56
Shipping	\$265.00
Tax	<u>\$666.03</u>
Net of purchase & GCPF request	\$5,298.65
Labor cost to install new batteries and dispose of old batteries, cost borne by Museum	<u>\$700.00</u>
Total project cost	\$5,998.65

GNB INDUSTRIAL POWER

A Stryten Manufacturing Company

Quotation

C/O Transportation Products Sales Company

Address: 84 Hubble Drive
O Fallon, MO 63368
Phone: (636) 532-1144
Fax: (636) 532-1482

Quote to: **Richard Anderson**
Northwest Railway Museum

Phone: 425-301-1566

Quote Number: 210811A00TL

Quote Date: 11-Aug

FOB: Ft. Smith, AR 72908

Terms: Net 30 day

Shipping Method			Quote Exp Date		Sales Rep	
Best Way			9/11/21		Tom Lenau	
Item	Quantity	Part Number	Lead Time	Description	Unit Price	Ext. Price
1	12	50G13	8-10 WEEKS	2 VOLT, 1 CELL <u>312/ AMPS</u>	\$ 384.13	\$ 4,609.56
2	1	FREIGHT		GNB / FREIGHT QUOTE # 2021-081B / INTO SNOQUALIMIE, WA 98065	\$ 265.00	\$ 265.00

All Pricing is Quoted in US Dollars. Taxes and Duties are Extra.

THANK YOU FOR THE OPPORTUNITY

Comments and Clarifications: Thank you for your interest in GNB Railroad Signal Batteries. Lead time is based on availability upon placement date & product availability at time of order. It is the responsibility of the customer to advise if any products will be exported & provide the company name & address to be reviewed for protected parties listed. If exported packaging or documentations is needed please contact us for a revised quotation. If you have any questions please feel free to contact our office.

Sincerely, Tom Lenau