UTC
TILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

Washington State Dept. of Transportation Petitioner, vs. BNSF Railway Company Respondent	)	DOCKET NO. TR- 140817-P PETITION TO MODIFY HIGHWAY-RAIL GRADE CROSSING ACTIVE WARNING DEVICES USDOT # 085129M

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

RECEIVED
2014 MAY -6 AM 11:00

Section 1 – Petitioner's Information

Washington State Department of Transportation
Petitioner

Signature

310 Maple Park Avenue SE, Suite 2B
Street Address

Olympia, WA 98504
City, State and Zip Code

PO Box 47329 Olympia, WA 98504-7329
Mailing Address, if different than the street address

Ahmer Nizam
Contact Person Name

360-705-7271 nizama@wsdot.wa.gov
Contact Phone Number and E-mail Address

Section 2 – Respondent's Information

BNSF Railway Company
Respondent

2454 Occidental Avenue South Building 1A
Street Address

Seattle, WA 98134
City, State and Zip Code

Mailing Address, if different than the street address

Rick Wagner
Contact Person Name

206-272-3674 Richard.Wagner@BNSF.com
Contact Phone Number and E-mail Address

Section 3 – Crossing Location

1. Existing highway/roadway State Route 9 at mile post 77.38

2. Existing railroad BNSF Railway - LS 403, MP 108.5

3. USDOT Crossing No. 085129M

4. Located in the SE 1/4 of the SW 1/4 of Sec. 8, Twp. 38N, Range 5E W.M.

5. GPS location, if known Latitude 48.78925 / Longitude -122.19147

6. Railroad mile post (nearest tenth) 108.5

7. City near Bellingham County Whatcom

Section 4 – Current Highway Traffic Information

1. Name of highway State Route 9 at mile post 77.38
2. Road authority Washington State Department of Transportation
3. Average annual daily traffic (AADT) 3,800
4. Number of lanes One lane each direction
5. Roadway speed 50 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? 11%
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? _____
10. Describe any changes to the information in 1 through 7, above, expected within ten years:

Section 5 – Current Crossing 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 1
5. Average daily train traffic, freight 2
   Authorized freight train speed 25 mph Operated freight train speed 25 mph
6. Average daily train traffic, passenger _____
   Authorized passenger train speed _____ Operated passenger train speed _____

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

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?

Approach Sight Distance
Distance from the crossing along the N–bound highway approach that the crossing becomes clearly visible: Approximately 300 feet

Distance from the crossing along the opposing highway approach that the crossing becomes clearly visible: Approximately 150 feet

Clearing Sight Distance: If the crossing has no gates, does the clearing sight distance meet the guidance criteria in Design Manual Figure 1350-1 (Case 1)?

Yes; if vegetation in NE quadrant is cut back on BNSF right of way (recommended)

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.

Both approaches involve curves that restrict approach sight distance

Section 5 – Current Warning Devices

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

Cantilever Mntd - 12" lens and crossbucks

Section 6 – Description of Proposed Changes

1. Describe in detail the proposed changes to the crossing. Include the funding source for the proposed installation, if applicable.

BNSF Work: Replace incandescent flashers with LED signal heads, Provide interconnection with active advance warning equipment, Clear vegetation in BNSF right of way that tends to obstruct sight distance

WSDOT Work: Install active advance warning for both approaches and interconnect with railroad circuitry

Improvements to be funded under Federal Section 130 Program.

Section 7 – Illustration of Proposed Warning Devices

Attach a detailed diagram, drawing, map or other illustration showing the proposed warning devices.

See attached

Section 8 – Waiver of Hearing by Respondent

Waiver of Hearing

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

USDOT Crossing No. 085129M

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 signals should be installed and consent to a decision by the commission without a hearing.

Dated at SEATTLE, Washington, on the 29th day of April, 2014.

Rick Wagner
Printed name of Respondent

Signature of Respondent's Representative

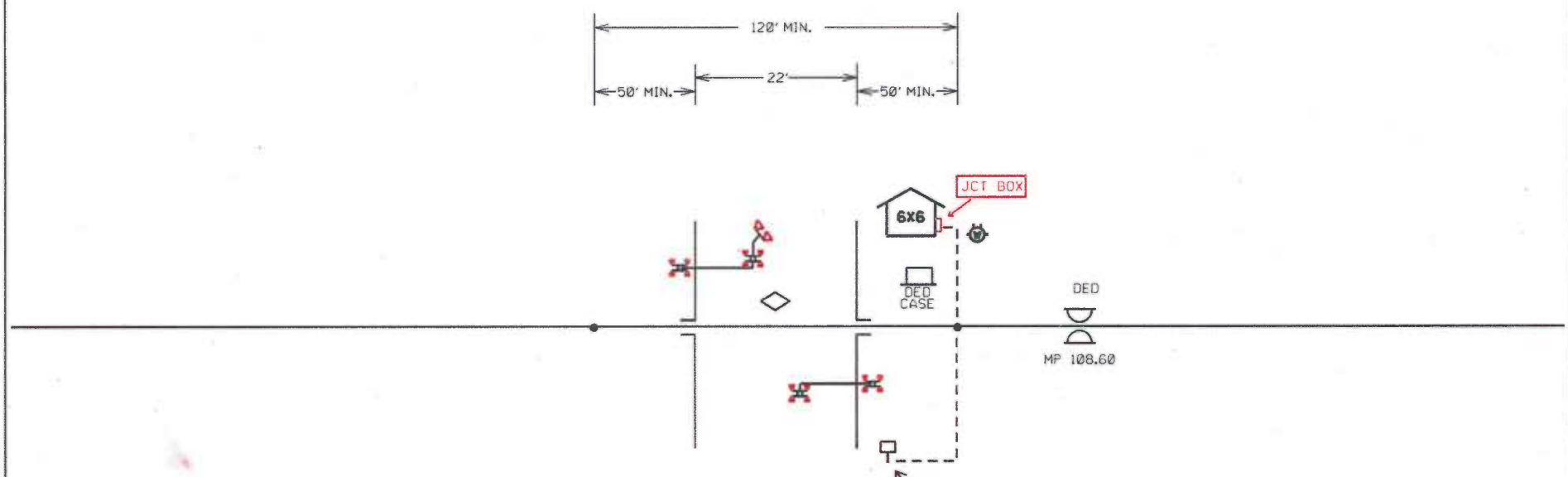
MGR Public Projects NW Division
Title

BNSF Railway Company
Name of Company

206-272-3674 Richard.Wagner@BNSF.com
Phone number and e-mail address

2454 Occidental Avenue South Building 1A, Seattle, WA 98134
Mailing address

The Burlington Northern & Santa Fe Railway Company



SR-9

DOT # 085 129 M

PROJECT# 54248

INSTALL: LED'S

CONTROL DEVICES: CONSTANT WARNING

BOLD - IN

~~SLASH~~ - OUT

SALVAGE: NONE

- INSTRUMENT HOUSE
- BELL
- METER
- CROSSING CONTROLL 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: SEDRO WOOLLEY, WA.
STREET: SR-9
LS: 0403
M.P. 108.55
DOT # 085 129 M
DIVISION: NOWRTHWEST
SUBDIVISION: SUMAS
KANSAS CITY
NO SCALE
DATE: 03/05/2014
FILE: 0403108_55.dgn
JWM