

TR-120841



City of Vancouver • P.O. Box 1995 • Vancouver, WA 98668-1995
www.cityofvancouver.us

Associate Administrator for Railroad Safety
Federal Railroad Administration
Office of Railroad Safety,
1200 New Jersey Avenue, SE
Mail Stop 25
Washington, DC 20590

September 25, 2013

2013 SEP 30 PM 3:15
STATIONER
MICHAEL
CROSSING

Subject: Notice of Establishment of a Railroad Quiet Zone under 49 CFR 222.39(b)(1) and 49 CFR 223.43(d)
Quiet Zone: East Vancouver Quiet Zone

In order to activate the quiet zone described herein pursuant to the requirements of 49 CFR 222 et. seq., and 49 CFR 223 et. seq., the City of Vancouver submits this Notice of Quiet Zone Establishment inclusive of Attachments "A-C".

All public highway-rail grade crossings to be included within the quiet zone are:

<u>Crossing ID</u>	<u>Street Name</u>
090093S	SE 164 th Ave
090092K	SE 147 th Ave
090090W	SE 139 th Ave

A private roadway-rail grade crossing to be included within the quiet zone is:

<u>Crossing ID</u>	<u>Street Name</u>
090091D	Private crossing in the vicinity of SE 144 th Ave/Evergreen Highway Intersection.

Effective Date of Quiet Zone

Date 21 days after mailing this notice is to be the date upon which routine locomotive horn use at the above crossings shall cease.

Regulatory basis for designation of Quiet Zone

This Quiet Zone will be established under the regulatory provisions of 49 CFR 222.39(b)(1), which require implementation of Alternative Safety Measures, Supplemental Safety Measures or a combination of the two at every public crossing in the Quiet Zone.

Prior to the effective date, the following equipment will be in operation. In fact, all of these improvements are in place as of the date of this letter.

SE 164th Ave: Installation of a non-traversable median. This couples with the existing gate system which includes flashing lights, bells, power-out indicators and constant warning time circuitry. This installation complies with the requirements of Appendix A to Part 222 A 3 Gates with Medians or Channelization Devices.

SE 147th Ave: Installation of a non-traversable median (south side) paired with “Qwick-Kurb” hi-visibility median (north side), which include 40” tall hi-visibility vertical separation panels. This couples with the existing gate system which includes flashing lights, bells, power-out indicators and constant warning time circuitry. This installation complies with the requirements of Appendix A to Part 222 A 3 Gates with Medians or Channelization Devices.

SE 139th Ave: Installation of a non-traversable median (south side) paired with “Qwick-Kurb” hi-visibility median (north side), which include 40” tall hi-visibility vertical separation panels. This couples with the existing gate system which includes flashing lights, bells, power-out indicators and constant warning time circuitry. This installation complies with the requirements of Appendix A to Part 222 A 3 Gates with Medians or Channelization Devices.

Private crossing in the vicinity of SE 144th Ave: Existing stop signs on north and south side of tracks will be replaced with stops signs bordered by red flashing LEDs. Additionally, a sight obstructing monolithic basalt column will be removed from the SE corner of the roadway/track intersection. This complies with FRA waiver Docket # FRA-2010-0170, letter dated April 12, 2011.

FRA notification of approval

The FRA notified the City of Vancouver of its approval of the submitted Notice of Intent on December 27, 2012. See attachment A.

Time period within which restrictions of the horn will be imposed

The time period within which restrictions on the horn will be imposed is 24 hours per day.

Grade Crossing Inventory Form (Prior to Quiet Zone Establishment)

See Attachment B.

<u>Crossing ID</u>	<u>Street Name</u>
090093S	SE 164 th Ave
090092K	SE 147 th Ave
090090W	SE 139 th Ave

<u>Crossing ID</u>	<u>Street Name</u>
090091D	Private crossing in the vicinity of SE 144 th Ave/Evergreen Highway Intersection.

Grade Crossing Inventory Form (After Quiet Zone Establishment)

See Attachment C.

<u>Crossing ID</u>	<u>Street Name</u>
090093S	SE 164 th Ave
090092K	SE 147 th Ave
090090W	SE 139 th Ave

<u>Crossing ID</u>	<u>Street Name</u>
090091D	Private crossing in the vicinity of SE 144 th Ave/Evergreen Highway Intersection.

Notice of Intent filed

A Notice of Intent to Establish a Quiet Zone at the above listed locations was mailed to all railroads operating over the public grade crossings within the proposed quiet zone, the State agency responsible for grade crossing safety, and the State agency responsible for highway and road safety for those crossings on June 1, 2012. This is in accordance with 49 CFR 222.43(a)(1)

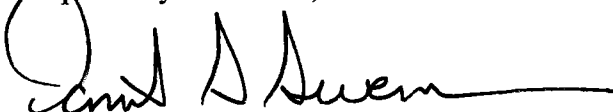
The Notice of Intent was mailed more than 60 days before the mailing of this Notice of Quiet Zone Establishment. Written comments and/or "no comment" statements have been received from all railroads operating over the public grade crossings within the proposed quiet zone, the State agency responsible for grade crossing safety, and the State agency responsible for highway and road safety.

Compliance Monitoring Point of Contact

Daniel S. Swensen
Engineering and Construction Services Manager
City of Vancouver
P.O. Box 1995
Vancouver, WA 98668
Phone: (360) 487-7750
Fax: (360) 885-4781
Email: dan.swensen@cityofvancouver.wa

See the attached list of each party receiving this notification.

Respectfully submitted,



Daniel S. Swensen P.E.
Engineering and Construction Services Manager,
City of Vancouver, WA.

CC: All Written Notice Recipients listed herein below
Eric Holmes – City of Vancouver.
Brian Carlson – City of Vancouver
Matt Ransom – City of Vancouver.

Notice of Establishment of a Railroad Quiet Zone - Written Notice Recipients

1. Railroads operating over the grade crossings:

John Shurson
Assistant Director of Public Projects
BNSF Railway
740 E. Carnegie Dr.
San Bernardino, CA. 92408

Rick Wagner
Manager of Public Projects
BNSF Railway
2454 Occidental Ave South, Suite 1A
Seattle, WA 98134-1451

Kurt Laird
Senior Safety Coordinator
Amtrak
1875 South Holgate St.
Seattle, WA 98134

2. State agency responsible for highway and road safety, and State agency responsible for grade crossing safety:

Ahmer Nizam
Railroad Specialist
Washington DOT
P.O. Box 47329
Olympia, WA 98504-7329

Katherine Hunter
Transportation Compliance Manager
Washington Utilities Commission
1300 S. Evergreen Park Dr. SW
Olympia, WA 98504-7250

3. Federal Railroad Administration

Associate Administrator for Safety
Federal Railroad Administration
Office of Safety, RRS-23
1120 Vermont Avenue, NW
Washington, DC 20590

Christine Adams
Regional Manager for Grade Crossing Safety
Federal Railroad Administration
4106 NE 47th Avenue
Vancouver, WA 98661

4. Property Owners of Private Crossing (DOT #090091D) in the vicinity of the intersection of SE 144th Ave/Evergreen Highway

Joseph Leas and Julianne Ament-Leas
14209 Se Evergreen Highway
Vancouver, WA. 98683

Mary A. Kellogg Trustee
14301 Se Evergreen Highway
Vancouver, WA. 98683

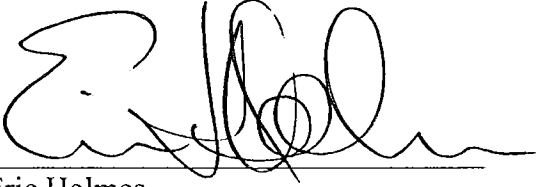
RL Jacob Trustee
PO Box 206
Government Camp, OR. 97028-0206

Kathy Marshack
PO Box 873429
Vancouver, WA. 98687

CHIEF EXECUTIVE OFFICER STATEMENT

Quiet Zone Name: East Vancouver Quiet Zone

I certify that the information submitted within this Notice of Quiet Zone Establishment is accurate and complete to the best of my knowledge and belief.



Eric Holmes
Vancouver Washington City Manager

September 25, 2013
Date

Attachment "A"
FRA Notice of Approval



U.S. Department
of Transportation

**Federal Railroad
Administration**

1200 New Jersey Avenue, SE
Washington, DC 20590

DEC 27 2012

Mr. Brian K. Carlson
Director of Public Works
City of Vancouver
P.O. Box 1995
Vancouver, WA 98668

Re: **THR-000761**, (U.S. DOT National Highway-Rail Grade Crossing Inventory Numbers:
090090W, 090091D, 090092K, 090093S)

Dear Mr. Carlson:

The Federal Railroad Administration (FRA) has reviewed the public authority application that you submitted on behalf of the City of Vancouver, Washington (City), as required by Title 49 Code of Federal Regulations (CFR) Section 222.39(b)—*Public authority application to FRA*. The City has requested FRA's approval of the proposed alternative safety measures (ASM) at the 139th Avenue and 147th Avenue crossings.

The 139th Avenue crossing will consist of 56 feet of channelization devices on the south side of the crossing and 16 feet of channelization devices on the north side of the crossing. The City suggested an effectiveness rate of 0.45. FRA concurs with the analysis used to derive this estimate of effectiveness.

The 147th Avenue crossing will consist of 41 feet of channelization devices on the south side of the crossing and 16 feet of channelization devices on the north side of the crossing. The City suggested an effectiveness rate of 0.36. FRA concurs with the analysis used to derive this estimate of effectiveness.

Pursuant to 49 CFR § 222.39(b)(4)(ii), FRA hereby approves the application submitted by the City. FRA finds that implementation of the ASMs described above and the supplemental safety measure (SSM) at the 164th Avenue crossing will result in a Quiet Zone Risk Index of 27,129, which is below the Risk Index With Horns of 30,481 (the risk that would be present if the horns were still sounded).

FRA notes that the City previously applied for and obtained relief from the regulatory requirement in 49 CFR § 222.25(b)(1)—*How does this rule affect private highway-rail grade crossings?* This rule states that private highway-rail grade crossings that are located within New Quiet Zones and have been determined to allow access to the public must be treated in

accordance with the recommendations of a diagnostic team. As part of FRA's review of this quiet zone application, FRA reviewed the regulatory relief that FRA's Railroad Safety Board granted by an April 12, 2011, letter and determined that the conditions previously imposed as part of that relief continue to be sufficient and necessary.

Therefore, prior to the establishment of a quiet zone, the City must comply with the conditions imposed in FRA's April 12, 2011, decision letter. Accordingly, after successful installation of the proposed ASMs and SSM, and compliance with all applicable quiet zone requirements contained within 49 CFR §§ 222.25, 222.27—*How does this rule affect pedestrian grade crossings?*, and 222.35—*What are the minimum requirements for quiet zones?*, the City may submit its Notice of Quiet Zone Establishment in accordance with the requirements of 49 CFR § 222.43—*What notices and other information are required to create or continue a quiet zone?*

If you would like to discuss FRA's decision, the FRA point of contact for this issue is Mr. Ron Ries, Staff Director, Highway-Rail Grade Crossing Safety and Trespass Prevention Programs. Mr. Ries may be contacted at (202) 493-6285 or Ronald.Ries@dot.gov.

Sincerely,



Jo Strang
Associate Administrator for Railroad Safety/Chief Safety Officer

cc: Ms. Katherine Hunter, Washington Utilities and Transportation Commission
Ms. Mary A. Kellogg, Property Owner
Mr. and Mrs. Ralph and Mary Jacob, Property Owners
Mr. and Mrs. Joseph Leas and Julianne Ament-Leas, Property Owners
Mr. Kurt Laird, Amtrak
Ms. Kathy Marshack, Property Owner
Mr. Ahmer Nizam, Washington Department of Transportation
Mr. John Shurson, BNSF Railway
Mr. Richard Wagner, BNSF Railway

Attachment "B"

Updated Grade Crossing Inventory Forms prior to implementation of ASMs or SSMs

**U.S. DOT - CROSSING INVENTORY INFORMATION
AS OF 9/17/2013**

Crossing No.: **090093S** Update Reason: **Changed Crossing** Effective Begin-Date of Record: **06/29/12**
 Railroad: **BNSF BNSF Rwy Co. [BNSF]** End-Date of Record:
 Initiating Agency **Railroad** Type and Position: **Public At Grade**

Part I Location and Classification of Crossing

Division:	NORTHWEST	State:	WA
Subdivision:	FALLBRIDGE	County:	CLARK
Branch or Line Name:	PORTLND-WISHRAM	City:	Near CAMAS
Railroad Milepost:	0019.38	Street or Road Name:	SE 164TH AVE
RailRoad I.D. No.:	0047	Highway Type & No.:	CO30030
Nearest RR Timetable Stn:	FISHER	HSR Corridor ID:	
Parent Railroad:		County Map Ref. No.:	6-1B
Crossing Owner:		Latitude:	45.5886733
ENS Sign Installed:		Longitude:	-122.5042501
Passenger Service:	AMTRAK	Lat/Long Source:	Actual
Avg Passenger Train Count:	2	Quiet Zone:	No
Adjacent Crossing with Separate Number:			

Private Crossing Information:

Category: Public Access: **Unknown**
 Specify Signs: Specify Signals:

	ST/RR A	ST/RR B	ST/RR C	ST/RR D
Railroad Use:				
State Use:				
Narrative:				

Emergency Contact: **(800)832-5452** Railroad Contact: **(913)551-4540** State Contact: **(360)664-1262**

Part II Railroad Information

Number of Daily Train Movements:	Less Than One Movement Per Day: No
Total Trains: 41 Total Switching: 0	Day Thru: 21
Typical Speed Range Over Crossing: From 1 to 70 mph	Maximum Time Table Speed: 70
Type and Number of Tracks: Main: 1 Other 0	Specify:
Does Another RR Operate a Separate Track at Crossing?	No
Does Another RR Operate Over Your Track at Crossing?	Yes: ATK

U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **090093S**

Continued

Effective Begin-Date of Record: **06/29/12**

End-Date of Record:

Part III: Traffic Control Device Information

Signs:

Crossbucks:	2	Highway Stop Signs:	0
Advanced Warning:	Yes	Hump Crossing Sign:	
Pavement Markings:	No Markings	Other Signs:	0 Specify:
			0

Train Activated Devices:

Gates:	0	4 Quad or Full Barrier:	
Mast Mounted FL:	2	Total Number FL Pairs:	0
Cantilevered FL (Over):	0	Cantilevered FL (Not over):	0
Other Flashing Lights:	0	Specify Other Flashing Lights:	
Highway Traffic Signals:	0	Wigwags:	0 Bells: 1
Other Train Activated Warning Devices:		Special Warning Devices Not Train Activated:	
Channelization:		Type of Train Detection:	DC/AFO
Track Equipped with Train Signals?	Yes	Traffic Light Interconnection/Preemption:	

Part IV: Physical Characteristics

Type of Development:	Residential	Smallest Crossing Angle:	60 to 90 Degrees
Number of Traffic Lanes Crossing Railroad:	2	Are Truck Pullout Lanes Present?	No
Is Highway Paved?	Yes	If Other:	
Crossing Surface:	Concrete	Is it Signalized?	
Nearby Intersecting Highway?	201 to 500 feet	Is Crossing Illuminated?	
Does Track Run Down a Street?	No		
Is Commercial Power Available?	Yes		

Part V: Highway Information

Highway System:	Non-Federal-aid	Functional Classification of Road at Crossing:	Urban Local
Is Crossing on State Highway System:	No	AADT Year:	2012
Annual Average Daily Traffic (AADT):	000300	Avg. No of School Buses per Day:	0
Estimated Percent Trucks:	1		
Posted Highway Speed:	25		

**U.S. DOT - CROSSING INVENTORY INFORMATION
AS OF 9/17/2013**

Crossing No.: **090092K** Update Reason: **Changed Crossing** Effective Begin-Date of Record: **06/29/12**
 Railroad: **BNSF BNSF Rwy Co. [BNSF]** End-Date of Record:
 Initiating Agency **Railroad** Type and Position: **Public At Grade**

Part I Location and Classification of Crossing

Division:	NORTHWEST	State:	WA
Subdivision:	FALLBRIDGE	County:	CLARK
Branch or Line Name:	PORTLND-WISHRAM	City:	Near CAMAS
Railroad Milepost:	0018.52	Street or Road Name:	SE 147TH AVENUE
RailRoad I.D. No.:	0047	Highway Type & No.:	
Nearest RR Timetable Strn:	FISHER	HSR Corridor ID:	
Parent Railroad:		County Map Ref. No.:	6-1B
Crossing Owner:		Latitude:	45.5930120
ENS Sign Installed:		Longitude:	-122.5207657
Passenger Service:	AMTRAK	Lat/Long Source:	Actual
Avg Passenger Train Count:	2	Quiet Zone:	No
Adjacent Crossing with Separate Number:			

Private Crossing Information:

Category: Public Access: **Unknown**
 Specify Signs: Specify Signals:

	ST/RR A	ST/RR B	ST/RR C	ST/RR D
Railroad Use:				
State Use:				
Narrative:				

Emergency Contact: **(800)832-5452** Railroad Contact: **(913)551-4540** State Contact: **(360)664-1262**

Part II Railroad Information

Number of Daily Train Movements:	Less Than One Movement Per Day: No
Total Trains: 64 Total Switching: 0	Day Thru: 32
Typical Speed Range Over Crossing: From 1 to 70 mph	Maximum Time Table Speed: 70
Type and Number of Tracks: Main: 1 Other 0	Specify:
Does Another RR Operate a Separate Track at Crossing?	No
Does Another RR Operate Over Your Track at Crossing?	Yes: ATK

U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **090092K**

Continued

Effective Begin-Date of Record: **06/29/12**

End-Date of Record:

Part III: Traffic Control Device Information

Signs:

Crossbucks:	2	Highway Stop Signs:	0
Advanced Warning:	Yes	Hump Crossing Sign:	
Pavement Markings:	No Markings	Other Signs:	0 Specify:
			0

Train Activated Devices:

Gates:	2	4 Quad or Full Barrier:	
Mast Mounted FL:	2	Total Number FL Pairs:	0
Cantilevered FL (Over):	0	Cantilevered FL (Not over):	0
Other Flashing Lights:	0	Specify Other Flashing Lights:	
Highway Traffic Signals:	0	Wigwags:	0 Bells: 1
Other Train Activated Warning Devices:		Special Warning Devices Not Train Activated:	
Channelization:	None	Type of Train Detection:	DC/AFO
Track Equipped with Train Signals?	Yes	Traffic Light Interconnection/Preemption:	

Part IV: Physical Characteristics

Type of Development:	Residential	Smallest Crossing Angle:	60 to 90 Degrees
Number of Traffic Lanes Crossing Railroad:	2	Are Truck Pullout Lanes Present?	No
Is Highway Paved?	Yes	If Other:	
Crossing Surface:	Concrete	Is it Signalized?	
Nearby Intersecting Highway?	Less than 75 feet	Is Crossing Illuminated?	
Does Track Run Down a Street?	No		
Is Commercial Power Available?	Yes		

Part V: Highway Information

Highway System:	Non-Federal-aid	Functional Classification of Road at Crossing:	Urban Local
Is Crossing on State Highway System:	No	AADT Year:	2012
Annual Average Daily Traffic (AADT):	000300	Avg. No of School Buses per Day:	0
Estimated Percent Trucks:	01		
Posted Highway Speed:	25		

**U.S. DOT - CROSSING INVENTORY INFORMATION
AS OF 9/17/2013**

Crossing No.: **090090W** Update Reason: **Changed Crossing** Effective Begin-Date of Record: **06/29/12**
 Railroad: **BNSF BNSF Rwy Co. [BNSF]** End-Date of Record:
 Initiating Agency **Railroad** Type and Position: **Public At Grade**

Part I Location and Classification of Crossing

Division:	NORTHWEST	State:	WA
Subdivision:	FALLBRIDGE	County:	CLARK
Branch or Line Name:	PORTLND-WISHRAM	City:	Near CAMAS
Railroad Milepost:	0018.07	Street or Road Name:	SE 139TH STREET
RailRoad I.D. No.:	0047	Highway Type & No.:	
Nearest RR Timetable Strn:	FISHER	HSR Corridor ID:	
Parent Railroad:		County Map Ref. No.:	6-1B
Crossing Owner:		Latitude:	45.5956683
ENS Sign Installed:		Longitude:	-122.5292611
Passenger Service:	AMTRAK	Lat/Long Source:	Actual
Avg Passenger Train Count:	2	Quiet Zone:	No
Adjacent Crossing with Separate Number:			

Private Crossing Information:

Category:	Public Access:	Unknown
Specify Signs:	Specify Signals:	

	ST/RR A	ST/RR B	ST/RR C	ST/RR D
Railroad Use:				
State Use:				
Narrative:				

Emergency Contact: **(800)832-5452** Railroad Contact: **(913)551-4540** State Contact: **(360)664-1262**

Part II Railroad Information

Number of Daily Train Movements:	Less Than One Movement Per Day:	No
Total Trains: 64 Total Switching: 0	Day Thru:	32
Typical Speed Range Over Crossing: From 1 to 70 mph	Maximum Time Table Speed:	70
Type and Number of Tracks: Main: 1 Other 0	Specify:	
Does Another RR Operate a Separate Track at Crossing?		No
Does Another RR Operate Over Your Track at Crossing?		Yes: ATK

U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **090090W**

Continued

Effective Begin-Date of Record: **06/29/12**

End-Date of Record:

Part III: Traffic Control Device Information

Signs:

Crossbucks:	2	Highway Stop Signs:	0
Advanced Warning:	No	Hump Crossing Sign:	
Pavement Markings:	No Markings	Other Signs:	0
		Specify:	0

Train Activated Devices:

Gates:	2	4 Quad or Full Barrier:	No
Mast Mounted FL:	2	Total Number FL Pairs:	0
Cantilevered FL (Over):	2	Cantilevered FL (Not over):	0
Other Flashing Lights:	0	Specify Other Flashing Lights:	
Highway Traffic Signals:	0	Wigwags:	0
Other Train Activated Warning Devices:		Bells:	1
Channelization:	None	Special Warning Devices Not Train Activated:	
Track Equipped with Train Signals?	No	Type of Train Detection:	DC/AFO
		Traffic Light Interconnection/Preemption:	

Part IV: Physical Characteristics

Type of Development:	Residential	Smallest Crossing Angle:	60 to 90 Degrees
Number of Traffic Lanes Crossing Railroad:	2	Are Truck Pullout Lanes Present?	No
Is Highway Paved?	Yes	If Other:	
Crossing Surface:	Concrete	Is it Signalized?	No
Nearby Intersecting Highway?	Less than 75 feet	Is Crossing Illuminated?	
Does Track Run Down a Street?	No		
Is Commercial Power Available?	No		

Part V: Highway Information

Highway System:	Non-Federal-aid	Functional Classification of Road at Crossing:	Urban Local
Is Crossing on State Highway System:	No	AADT Year:	2011
Annual Average Daily Traffic (AADT):	001250	Avg. No of School Buses per Day:	0
Estimated Percent Trucks:	01		
Posted Highway Speed:	25		

**U.S. DOT - CROSSING INVENTORY INFORMATION
AS OF 9/17/2013**

Crossing No.: **090091D** Update Reason: **Changed Crossing** Effective Begin-Date of Record: **03/01/12**
 Railroad: **BNSF BNSF Rwy Co. [BNSF]** End-Date of Record:
 Initiating Agency **State** Type and Position: **Private At Grade**

Part I Location and Classification of Crossing

Division: **NORTHWEST** State: **WA**
 Subdivision: **FALLBRIDGE** County: **CLARK**
 Branch or Line Name: **PORTLND-WISHRAM** City: **In VANCOUVER**
 Railroad Milepost: **0018.32** Street or Road Name: **FARM RD.XING**
 RailRoad I.D. No.: **0047** Highway Type & No.:
 Nearest RR Timetable Stn: **FISHER** HSR Corridor ID:
 Parent Railroad: County Map Ref. No.: **6-1B**
 Crossing Owner: Latitude: **45.5942475**
 ENS Sign Installed: Longitude: **-122.5242520**
 Passenger Service: **AMTRAK** Lat/Long Source: **Actual**
 Avg Passenger Train Count: **0** Quiet Zone: **No**
 Adjacent Crossing with
 Separate Number:

Private Crossing Information:

Category: **Residential** Public Access: **No**
Signs Specify Signs: **XB, SS** Specify Signals:

	ST/RR A	ST/RR B	ST/RR C	ST/RR D
Railroad Use:				
State Use:				
Narrative:				

Emergency Contact: **(800)832-5452** Railroad Contact: **(913)551-4540** State Contact: **(360)664-1262**

Part II Railroad Information

Number of Daily Train Movements: Less Than One Movement Per Day: **No**
 Total Trains: **64** Total Switching: **0** Day Thru: **32**
 Typical Speed Range Over Crossing: From **0** to **70** mph Maximum Time Table Speed: **70**
 Type and Number of Tracks: Main: **1** Other **0** Specify:
 Does Another RR Operate a Separate Track at Crossing? **No**
 Does Another RR Operate Over Your Track at Crossing? **Yes: ATK**

U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **090091D**

Continued

Effective Begin-Date of Record: **03/01/12**

End-Date of Record:

Part III: Traffic Control Device Information

Signs:

Crossbucks:	0	Highway Stop Signs:	2
Advanced Warning:		Hump Crossing Sign:	
Pavement Markings:		Other Signs: 0	Specify:
		0	

Train Activated Devices:

Gates:	0	4 Quad or Full Barrier:	
Mast Mounted FL:	0	Total Number FL Pairs:	0
Cantilevered FL (Over):	0	Cantilevered FL (Not over):	0
Other Flashing Lights:	0	Specify Other Flashing Lights:	
Highway Traffic Signals:	0	Wigwags: 0	Bells: 0
Other Train Activated Warning Devices:		Special Warning Devices Not Train Activated:	
Channelization:		Type of Train Detection:	None
Track Equipped with Train Signals?		Traffic Light Interconnection/Preemption:	

Part IV: Physical Characteristics

Type of Development:	Smallest Crossing Angle:
Number of Traffic Lanes	Are Truck Pullout Lanes Present?
Crossing Railroad:	
Is Highway Paved?	
Crossing Surface: Concrete	If Other:
Nearby Intersecting Highway?	Is it Signalized?
Does Track Run Down a Street?	Is Crossing Illuminated?
Is Commercial Power Available?	

Part V: Highway Information

Highway System:	Functional Classification of Road at Crossing:
Is Crossing on State Highway System:	
Annual Average Daily Traffic (AADT): 000033	AADT Year: 2012
Estimated Percent Trucks:	Avg. No of School Buses per Day: 0
Posted Highway Speed: 0	

Attachment "C"
Updated Grade Crossing Inventory Forms after implementation of ASMs and/or SSMs

U.S. DOT - CROSSING INVENTORY INFORMATION
AS OF 9/17/2013

9/25/13

Crossing No.: **090093S** Update Reason: **Changed Crossing** Effective Begin-Date of Record: **06/29/12**
 Railroad: **BNSF BNSF Rwy Co. [BNSF]** *CHANGE IN EXISTING DATA* End-Date of Record:
 Initiating Agency **Railroad** Type and Position: **Public At Grade**

Part I Location and Classification of Crossing

Division:	NORTHWEST	State:	WA
Subdivision:	FALLBRIDGE	County:	CLARK
Branch or Line Name:	PORTLND-WISHRAM	City:	Near CAMAS
Railroad Milepost:	0019.38	Street or Road Name:	SE 164TH AVE
RailRoad I.D. No.:	0047	Highway Type & No.:	CO30030
Nearest RR Timetable Stn:	FISHER	HSR Corridor ID:	
Parent Railroad:		County Map Ref. No.:	6-1B
Crossing Owner:		Latitude:	45.5886733
ENS Sign Installed:		Longitude:	-122.5042501
Passenger Service:	AMTRAK	Lat/Long Source:	Actual
Avg Passenger Train Count:	2	Quiet Zone:	No
Adjacent Crossing with Separate Number:			

Private Crossing Information:

Category: Public Access: **Unknown**
 Specify Signs: Specify Signals:

	ST/RR A	ST/RR B	ST/RR C	ST/RR D
Railroad Use:				
State Use:				
Narrative:				

Emergency Contact: **(800)832-5452** Railroad Contact: **(913)551-4540** State Contact: **(360)664-1262**

Part II Railroad Information

Number of Daily Train Movements: Less Than One Movement Per Day: **No**
 Total Trains: **41** Total Switching: **0** Day Thru: **21**
 Typical Speed Range Over Crossing: From **1** to **70** mph Maximum Time Table Speed: **70**
 Type and Number of Tracks: Main: **1** Other: **0** Specify:
 Does Another RR Operate a Separate Track at Crossing? **No**
 Does Another RR Operate Over Your Track at Crossing? **Yes: ATK**

U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **090093S**

Continued

Effective Begin-Date of Record: ~~06/29/12~~

End-Date of Record: **9/25/13**

Part III: Traffic Control Device Information

Signs:

Crossbucks:	2	Highway Stop Signs:	0
Advanced Warning:	Yes	Hump Crossing Sign:	
Pavement Markings:	No Markings	Other Signs:	0 Specify:
			0

Train Activated Devices:

Gates:	0	4 Quad or Full Barrier:	
Mast Mounted FL:	2	Total Number FL Pairs:	0
Cantilevered FL (Over):	0	Cantilevered FL (Not over):	0
Other Flashing Lights:	0	Specify Other Flashing Lights:	
Highway Traffic Signals:	0	Wigwags:	0 Bells: 1
Other Train Activated Warning Devices:		Special Warning Devices Not Train Activated:	
Channelization:		Type of Train Detection:	DC/AFO
Track Equipped with Train Signals?	Yes	Traffic Light Interconnection/Preemption:	

Part IV: Physical Characteristics

Type of Development:	Residential	Smallest Crossing Angle:	60 to 90 Degrees
Number of Traffic Lanes Crossing Railroad:	2	Are Truck Pullout Lanes Present?	No
Is Highway Paved?	Yes	If Other:	SSM MEDIAN CURBING INSTALLED 100' ON EITHER SIDE OF CROSSING.
Crossing Surface:	Concrete	Is it Signalized?	
Nearby Intersecting Highway?	201 to 500 feet	Is Crossing Illuminated?	
Does Track Run Down a Street?	No		
Is Commercial Power Available?	Yes		

Part V: Highway Information

Highway System:	Non-Federal-aid	Functional Classification of Road at Crossing:	Urban Local
Is Crossing on State Highway System:	No	AADT Year:	2012
Annual Average Daily Traffic (AADT):	000300	Avg. No of School Buses per Day:	0
Estimated Percent Trucks:	1		
Posted Highway Speed:	25		

**U.S. DOT - CROSSING INVENTORY INFORMATION
AS OF 9/17/2013**

Crossing No.: **090092K** Update Reason: **Changed Crossing** Effective Begin-Date of Record: **06/29/12**
 Railroad: **BNSF BNSF Rwy Co. [BNSF]** End-Date of Record: **9/25/13**
 Initiating Agency **Railroad** Type and Position: **Public At Grade**

Part I Location and Classification of Crossing

Division:	NORTHWEST	State:	WA
Subdivision:	FALLBRIDGE	County:	CLARK
Branch or Line Name:	PORTLND-WISHRAM	City:	Near CAMAS
Railroad Milepost:	0018.52	Street or Road Name:	SE 147TH AVENUE
RailRoad I.D. No.:	0047	Highway Type & No.:	
Nearest RR Timetable Stn:	FISHER	HSR Corridor ID:	
Parent Railroad:		County Map Ref. No.:	6-1B
Crossing Owner:		Latitude:	45.5930120
ENS Sign Installed:		Longitude:	-122.5207657
Passenger Service:	AMTRAK	Lat/Long Source:	Actual
Avg Passenger Train Count:	2	Quiet Zone:	No
Adjacent Crossing with Separate Number:			

Private Crossing Information:

Category:		Public Access:	Unknown
Specify Signs:		Specify Signals:	
	ST/RR A	ST/RR B	ST/RR C
			ST/RR D

Railroad Use:

State Use:

Narrative:

Emergency Contact: **(800)832-5452** Railroad Contact: **(913)551-4540** State Contact: **(360)664-1262**

Part II Railroad Information

Number of Daily Train Movements:		Less Than One Movement Per Day:	No
Total Trains: 64	Total Switching: 0	Day Thru:	32
Typical Speed Range Over Crossing: From 1 to 70 mph		Maximum Time Table Speed:	70
Type and Number of Tracks: Main: 1 Other 0		Specify:	
Does Another RR Operate a Separate Track at Crossing?			No
Does Another RR Operate Over Your Track at Crossing?			Yes: ATK

U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **090092K**

Continued

Effective Begin-Date of Record: ~~06/29/12~~

End-Date of Record: **9/25/13**

Part III: Traffic Control Device Information

Signs:

Crossbucks:	2	Highway Stop Signs:	0
Advanced Warning:	Yes	Hump Crossing Sign:	
Pavement Markings:	No Markings	Other Signs:	0 Specify:
			0

Train Activated Devices:

Gates:	2	4 Quad or Full Barrier:	
Mast Mounted FL:	2	Total Number FL Pairs:	0
Cantilevered FL (Over):	0	Cantilevered FL (Not over):	0
Other Flashing Lights:	0	Specify Other Flashing Lights:	
Highway Traffic Signals:	0	Wigwags:	0 Bells: 1
Other Train Activated Warning Devices:		Special Warning Devices Not Train Activated:	
Channelization:	None	Type of Train Detection:	DC/AFO
Track Equipped with Train Signals?	Yes	Traffic Light Interconnection/Preemption:	

Part IV: Physical Characteristics

Type of Development:	Residential	Smallest Crossing Angle:	60 to 90 Degrees
Number of Traffic Lanes Crossing Railroad:	2	Are Truck Pullout Lanes Present?	No
Is Highway Paved?	Yes		ASM MEDIAN CURB INLY INSTALLED
Crossing Surface:	Concrete	If Other:	41' ON SOUTH SIDE OF TRACKS, 16' ON NORTH SIDE OF TRACKS.
Nearby Intersecting Highway?	Less than 75 feet	Is it Signalized?	
Does Track Run Down a Street?	No	Is Crossing Illuminated?	
Is Commercial Power Available?	Yes		

Part V: Highway Information

Highway System:	Non-Federal-aid	Functional Classification of Road at Crossing:	Urban Local
Is Crossing on State Highway System:	No	AADT Year:	2012
Annual Average Daily Traffic (AADT):	000300	Avg. No of School Buses per Day:	0
Estimated Percent Trucks:	01		
Posted Highway Speed:	25		

**U.S. DOT - CROSSING INVENTORY INFORMATION
AS OF 9/17/2013**

Crossing No.: **090090W** Update Reason: **Changed Crossing** Effective Begin-Date of Record: **06/29/12**
 Railroad: **BNSF BNSF Rwy Co. [BNSF] CHANGE IN EXISTING DATA** End-Date of Record: **9/25/13**
 Initiating Agency **Railroad** Type and Position: **Public At Grade**

Part I Location and Classification of Crossing

Division:	NORTHWEST	State:	WA
Subdivision:	FALLBRIDGE	County:	CLARK
Branch or Line Name:	PORTLND-WISHRAM	City:	Near CAMAS
Railroad Milepost:	0018.07	Street or Road Name:	SE 139TH STREET
RailRoad I.D. No.:	0047	Highway Type & No.:	
Nearest RR Timetable Stn:	FISHER	HSR Corridor ID:	
Parent Railroad:		County Map Ref. No.:	6-1B
Crossing Owner:		Latitude:	45.5956683
ENS Sign Installed:		Longitude:	-122.5292611
Passenger Service:	AMTRAK	Lat/Long Source:	Actual
Avg Passenger Train Count:	2	Quiet Zone:	No
Adjacent Crossing with Separate Number:			

Private Crossing Information:

Category: Public Access: **Unknown**
 Specify Signs: Specify Signals:

	ST/RR A	ST/RR B	ST/RR C	ST/RR D
Railroad Use:				
State Use:				
Narrative:				

Emergency Contact: **(800)832-5452** Railroad Contact: **(913)551-4540** State Contact: **(360)664-1262**

Part II Railroad Information

Number of Daily Train Movements: Less Than One Movement Per Day: **No**

Total Trains: 64	Total Switching: 0	Day Thru: 32
Typical Speed Range Over Crossing: From 1 to 70 mph	Maximum Time Table Speed: 70	
Type and Number of Tracks: Main: 1 Other: 0	Specify:	

Does Another RR Operate a Separate Track at Crossing? **No**
 Does Another RR Operate Over Your Track at Crossing? **Yes: ATK**

U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **090090W**

Continued

Effective Begin-Date of Record: **06/29/12**

End-Date of Record: **9/25/13**

Part III: Traffic Control Device Information

Signs:

Crossbucks:	2	Highway Stop Signs:	0
Advanced Warning:	No	Hump Crossing Sign:	
Pavement Markings:	No Markings	Other Signs:	0 Specify:
			0

Train Activated Devices:

Gates:	2	4 Quad or Full Barrier:	No
Mast Mounted FL:	2	Total Number FL Pairs:	0
Cantilevered FL (Over):	2	Cantilevered FL (Not over):	0
Other Flashing Lights:	0	Specify Other Flashing Lights:	
Highway Traffic Signals:	0	Wigwags:	0 Bells: 1
Other Train Activated Warning Devices:		Special Warning Devices Not Train Activated:	
Channelization:	None	Type of Train Detection:	DC/AFO
Track Equipped with Train Signals?	No	Traffic Light Interconnection/Preemption:	

Part IV: Physical Characteristics

Type of Development:	Residential	Smallest Crossing Angle:	60 to 90 Degrees
Number of Traffic Lanes Crossing Railroad:	2	Are Truck Pullout Lanes Present?	No
Is Highway Paved?	Yes	If Other:	ASM MEDIAN CURB INH INSTALLED 56' ON SOUTH SIDE OF TRACKS 16' ON NORTH SIDE OF TRACKS
Crossing Surface:	Concrete	Is it Signalized?	No
Nearby Intersecting Highway?	Less than 75 feet	Is Crossing Illuminated?	
Does Track Run Down a Street?	No		
Is Commercial Power Available?	No		

Part V: Highway Information

Highway System:	Non-Federal-aid	Functional Classification of Road at Crossing:	Urban Local
Is Crossing on State Highway System:	No	AADT Year:	2011 2012
Annual Average Daily Traffic (AADT):	001250	Avg. No of School Buses per Day:	0
Estimated Percent Trucks:	01		
Posted Highway Speed:	25		

**U.S. DOT - CROSSING INVENTORY INFORMATION
AS OF 9/17/2013**

Crossing No.: **090091D** Update Reason: **Changed Crossing** Effective Begin-Date of Record: **03/07/12**
 Railroad: **BNSF BNSF Rwy Co. [BNSF] CHANGE IN EXISTING DATA** End-Date of Record: **9/25/13**
 Initiating Agency **State** Type and Position: **Private At Grade**

Part I Location and Classification of Crossing

Division:	NORTHWEST	State:	WA
Subdivision:	FALLBRIDGE	County:	CLARK
Branch or Line Name:	PORTLND-WISHRAM	City:	In VANCOUVER
Railroad Milepost:	0018.32	Street or Road Name:	FARM RD.XING (VIC. SE 144th AVE)
RailRoad I.D. No.:	0047	Highway Type & No.:	
Nearest RR Timetable Stn:	FISHER	HSR Corridor ID:	
Parent Railroad:		County Map Ref. No.:	6-1B
Crossing Owner:		Latitude:	45.5942475
ENS Sign Installed:		Longitude:	-122.5242520
Passenger Service:	AMTRAK	Lat/Long Source:	Actual
Avg Passenger Train Count:	0	Quiet Zone:	No
Adjacent Crossing with Separate Number:			

Private Crossing Information:

Category:	Residential	Public Access:	No
Signs	Specify Signs: XB, SS	Specify Signals:	

	ST/RR A	ST/RR B	ST/RR C	ST/RR D
Railroad Use:				
State Use:				

Narrative: **REMOVED EXISTING 30" STOP SIGNS (2 EA.) AND REPLACED WITH ENHANCED 30" STOP SIGNS WITH PERIMETER FLASHING L.E.D.s. REMOVED SILH OBSTRUCTION COLUMN ON S.E. CORNER OF CROSSING.**

Emergency Contact: **(800)832-5452** Railroad Contact: **(913)551-4540** State Contact: **(360)664-1262**

Part II Railroad Information

Number of Daily Train Movements:		Less Than One Movement Per Day:	No
Total Trains: 64	Total Switching: 0	Day Thru:	32
Typical Speed Range Over Crossing: From 0 to 70 mph		Maximum Time Table Speed:	70
Type and Number of Tracks: Main: 1 Other: 0		Specify:	
Does Another RR Operate a Separate Track at Crossing?			No
Does Another RR Operate Over Your Track at Crossing?			Yes: ATK

U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **090091D**

Continued

Effective Begin-Date of Record: **02/07/12**
 End-Date of Record: **9/25/13**

Part III: Traffic Control Device Information

Signs:

Crossbucks:	0	Highway Stop Signs:	2
Advanced Warning:		Hump Crossing Sign:	
Pavement Markings:		Other Signs: 0	Specify:
		0	

Train Activated Devices:

Gates:	0	4 Quad or Full Barrier:	
Mast Mounted FL:	0	Total Number FL Pairs:	0
Cantilevered FL (Over):	0	Cantilevered FL (Not over):	0
Other Flashing Lights:	0	Specify Other Flashing Lights:	
Highway Traffic Signals:	0	Wigwags:	0
Other Train Activated Warning Devices:		Bells:	0
Channelization:		Special Warning Devices Not Train Activated:	
Track Equipped with Train Signals?		Type of Train Detection:	None
		Traffic Light Interconnection/Preemption:	

Part IV: Physical Characteristics

Type of Development:		Smallest Crossing Angle:	
Number of Traffic Lanes Crossing Railroad:		Are Truck Pullout Lanes Present?	
Is Highway Paved?		If Other:	
Crossing Surface:	Concrete	Is it Signalized?	
Nearby Intersecting Highway?		Is Crossing Illuminated?	
Does Track Run Down a Street?			
Is Commercial Power Available?			

Part V: Highway Information

Highway System:		Functional Classification of Road at Crossing:	
Is Crossing on State Highway System:		AADT Year:	2012
Annual Average Daily Traffic (AADT):	000033	Avg. No of School Buses per Day:	0
Estimated Percent Trucks:			
Posted Highway Speed:	0		