

TR-090252

RECEIVED

JUL 30 2010

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

July 16, 2010

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

Subject: Notice of Establishment of a Railroad Quiet Zone under 49 CFR 222.39(a)(1)  
Quiet Zone: Beach Drive Quiet Zone

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

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

| <u>Crossing ID</u> | <u>Street Name</u> |
|--------------------|--------------------|
| 090072Y            | Beach Drive        |

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(a) (1), which require implementation of Supplemental Safety Measures at every public crossing in the Quiet Zone.

Prior to the effective date, the following equipment will be in operation.

Beach Drive: Flashing lights, gates, power-out-indicator, constant warning time circuitry and a non-traversable median. This installation complies with the requirements of Appendix A to Part 222 A 3 Gates with Medians or Channelization Devices.

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 A.

| <u>Crossing ID</u> | <u>Street Name</u> |
|--------------------|--------------------|
| 090072Y            | Beach Drive        |

Grade Crossing Inventory Form (After Quiet Zone Establishment)

See Attachment B.

| <u>Crossing ID</u> | <u>Street Name</u> |
|--------------------|--------------------|
| 090072Y            | Beach Drive        |

Notice of Intent

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 January 30, 2009.

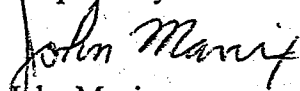
The Notice of Intent was mailed more than 60 days before the mailing of this Notice of Quiet Zone Establishment. Written comments and/or "no comment" statements have been received from all railroads operating over the public grade crossings within the proposed quiet zone, the State agency responsible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

Compliance Monitoring Point of Contact

John Manix  
Transportation Engineer  
City of Vancouver  
P.O. Box 1995  
Vancouver, WA 98668  
Phone: (360) 487-7727  
Fax: (360) 518-0403  
Email: john.manix@ci.vancouver.wa.us

See the attached list of each party receiving this notification.

Respectfully submitted,

  
John Manix  
Transportation Engineer

Attachment "A"

Updated Grade Crossing Inventory Forms prior to medians has been installed

**U.S. DOT - CROSSING INVENTORY INFORMATION  
AS OF 6/22/2010**

Crossing No.: **090072Y**      Update Reason: **Changed Crossing**      Effective Begin-Date of Record: **01/06/09**  
 Railroad: **BNSF BNSF Rwy Co. [BNSF]**      End-Date of Record:  
 Initiating Agency **State**      Type and Position: **Public At Grade**

**Part I Location and Classification of Crossing**

|   |                        |                      |                     |
|---|------------------------|----------------------|---------------------|
| Division:                               | <b>NORTHWEST</b>       | State:               | <b>WA</b>           |
| Subdivision:                            | <b>FALLBRIDGE</b>      | County:              | <b>CLARK</b>        |
| Branch or Line Name:                    | <b>PORTLND-WISHRAM</b> | City:                | <b>In VANCOUVER</b> |
| Railroad Milepost:                      | <b>0014.02</b>         | Street or Road Name: | <b>BEACH DRIVE</b>  |
| RailRoad I.D. No.:                      | <b>0047</b>            | Highway Type & No.:  | <b>CITY ST</b>      |
| Nearest RR Timetable Stn:               | <b>FISHER</b>          | HSR Corridor ID:     |                     |
| Parent Railroad:                        |                        | County Map Ref. No.: | <b>6-1B</b>         |
| Crossing Owner:                         |                        | Latitude:            | <b>45.6131558</b>   |
| ENS Sign Installed:                     |                        | Longitude:           | <b>-122.6088079</b> |
| Passenger Service:                      | <b>AMTRAK</b>          | Lat/Long Source:     | <b>Actual</b>       |
| Avg Passenger Train Count:              | <b>0</b>               | Quiet Zone:          | <b>No</b>           |
| Adjacent Crossing with Separate Number: |                        |                      |                     |

Private Crossing Information:

|                |         |                  |                |
|----------------|---------|------------------|----------------|
| Category:      |         | Public Access:   | <b>Unknown</b> |
| 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:

**Part II Railroad Information**

|   |                               |                                 |                 |
|---|-------------------------------|---------------------------------|-----------------|
| Number of Daily Train Movements:                      |                               | Less Than One Movement Per Day: | <b>No</b>       |
| Total Trains:   | <b>41</b>                     | Total Switching:                | <b>0</b>        |
| Typical Speed Range Over Crossing: From               | <b>1</b> to <b>70</b> mph     | Day Thru:                       | <b>21</b>       |
| Type and Number of Tracks:                            | Main: <b>2</b> Other <b>0</b> | Maximum Time Table Speed:       | <b>70</b>       |
|   |                               | Specify:                        |                 |
| Does Another RR Operate a Separate Track at Crossing? |                               |                                 | <b>No</b>       |
| Does Another RR Operate Over Your Track at Crossing?  |                               |                                 | <b>Yes: ATK</b> |

# U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **090072Y**

Continued

Effective Begin-Date of Record: **01/06/09**

End-Date of Record:

## Part III: Traffic Control Device Information

**Signs:**

|                    |                                       |                     |                   |
|--------------------|---------------------------------------|---------------------|-------------------|
| Crossbucks:        | <b>0</b>                              | Highway Stop Signs: | <b>1</b>          |
| Advanced Warning:  | <b>Yes</b>                            | Hump Crossing Sign: |                   |
| Pavement Markings: | <b>Stop Lines and RR Xing Symbols</b> | Other Signs:        | <b>2</b> Specify: |
|                    |                                       |                     | <b>0</b>          |

**Train Activated Devices:**

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

## Part IV: Physical Characteristics

|  |                   |                                  |                         |
|--|-------------------|----------------------------------|-------------------------|
| Type of Development:                       | <b>Open Space</b> | Smallest Crossing Angle:         | <b>30 to 59 Degrees</b> |
| Number of Traffic Lanes Crossing Railroad: | <b>2</b>          | Are Truck Pullout Lanes Present? | <b>No</b>               |
| Is Highway Paved?                          | <b>Yes</b>        | If Other:                        |                         |
| Crossing Surface:                          | <b>Concrete</b>   | Is it Signalized?                |                         |
| Nearby Intersecting Highway?               | <b>N/A</b>        | Is Crossing Illuminated?         |                         |
| Does Track Run Down a Street?              | <b>No</b>         |                                  |                         |
| Is Commercial Power                        | <b>Yes</b>        |                                  |                         |

## Part V: Highway Information

|                                      |                        |  |                    |
|--------------------------------------|------------------------|--|--------------------|
| Highway System:                      | <b>Non-Federal-aid</b> | Functional Classification of Road at Crossing: | <b>Urban Local</b> |
| Is Crossing on State Highway System: | <b>No</b>              | AADT Year:                                     | <b>2005</b>        |
| Annual Average Daily Traffic (AADT): | <b>000500</b>          | Avg. No of School Buses per Day:               | <b>0</b>           |
| Estimated Percent Trucks:            | <b>07</b>              |  |                    |
| Posted Highway Speed:                | <b>25</b>              |  |                    |

Attachment "B"

Updated Grade Crossing Inventory Forms after installation of median

**U.S. DOT - CROSSING INVENTORY INFORMATION  
AS OF 6/22/2010**

Crossing No.: **090072Y**      Update Reason: **Changed Crossing**      Effective Begin-Date of Record: **01/06/09**  
 Railroad: **BNSF BNSF Rwy Co. [BNSF]**      End-Date of Record:  
 Initiating Agency **State**      Type and Position: **Public At Grade**

**Part I Location and Classification of Crossing**

|   |                        |                      |                     |
|---|------------------------|----------------------|---------------------|
| Division:                               | <b>NORTHWEST</b>       | State:               | <b>WA</b>           |
| Subdivision:                            | <b>FALLBRIDGE</b>      | County:              | <b>CLARK</b>        |
| Branch or Line Name:                    | <b>PORTLND-WISHRAM</b> | City:                | <b>In VANCOUVER</b> |
| Railroad Milepost:                      | <b>0014.02</b>         | Street or Road Name: | <b>BEACH DRIVE</b>  |
| RailRoad I.D. No.:                      | <b>0047</b>            | Highway Type & No.:  | <b>CITY ST</b>      |
| Nearest RR Timetable Stn:               | <b>FISHER</b>          | HSR Corridor ID:     |                     |
| Parent Railroad:                        |                        | County Map Ref. No.: | <b>6-1B</b>         |
| Crossing Owner:                         |                        | Latitude:            | <b>45.6131558</b>   |
| ENS Sign Installed:                     |                        | Longitude:           | <b>-122.6088079</b> |
| Passenger Service:                      | <b>AMTRAK</b>          | Lat/Long Source:     | <b>Actual</b>       |
| Avg Passenger Train Count:              | <b>0</b>               | Quiet Zone:          | <b>No</b>           |
| 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) 487-7727**

**Part II Railroad Information**

|   |                               |                                 |                 |
|---|-------------------------------|---------------------------------|-----------------|
| Number of Daily Train Movements:                      |                               | Less Than One Movement Per Day: | <b>No</b>       |
| Total Trains:   | <b>41</b>                     | Total Switching:                | <b>0</b>        |
| Day Thru:   |                               | Day Thru:                       | <b>21</b>       |
| Typical Speed Range Over Crossing: From               | <b>1</b> to <b>70</b> mph     | Maximum Time Table Speed:       | <b>70</b>       |
| Type and Number of Tracks:                            | Main: <b>2</b> Other <b>0</b> | Specify:                        |                 |
| Does Another RR Operate a Separate Track at Crossing? |                               |                                 | <b>No</b>       |
| Does Another RR Operate Over Your Track at Crossing?  |                               |                                 | <b>Yes: ATK</b> |

# U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **090072Y**

Continued

Effective Begin-Date of Record: **01/06/09**

End-Date of Record:

## Part III: Traffic Control Device Information

**Signs:**

Crossbucks: **0**  
 Advanced Warning: **Yes**  
 Pavement Markings: **Stop Lines and RR Xing Symbols**

Highway Stop Signs: **1**  
 Hump Crossing Sign:  
 Other Signs: **2** Specify:  
**0**

**Train Activated Devices:**

Gates: **2**  
 Mast Mounted FL: **2**  
 Cantilevered FL (Over): **0**  
 Other Flashing Lights: **0**  
 Highway Traffic Signals: **0**  
 Other Train Activated Warning Devices:  
 Channelization: **ALL**  
 Track Equipped with Train Signals? **Yes**

4 Quad or Full Barrier:  
 Total Number FL Pairs: **0**  
 Cantilevered FL (Not over): **0**  
 Specify Other Flashing Lights:  
 Wigwags: **0** Bells: **2**  
 Special Warning Devices Not Train Activated:  
 Type of Train Detection: **Constant Warning Time**  
 Traffic Light Interconnection/Preemption:

## Part IV: Physical Characteristics

Type of Development: **Open Space**  
 Number of Traffic Lanes Crossing Railroad: **2**  
 Is Highway Paved? **Yes**  
 Crossing Surface: **Concrete**  
 Nearby Intersecting Highway? **N/A**  
 Does Track Run Down a Street? **No**  
 Is Commercial Power **Yes**

Smallest Crossing Angle: **30 to 59 Degrees**  
 Are Truck Pullout Lanes Present? **No**  
 If Other:  
 Is it Signalized?  
 Is Crossing Illuminated?

## Part V: Highway Information

Highway System: **Non-Federal-aid**  
 Is Crossing on State Highway System: **No**  
 Annual Average Daily Traffic (AADT): ~~000500~~ **342**  
 Estimated Percent Trucks: ~~07~~ **01**  
 Posted Highway Speed: **25**

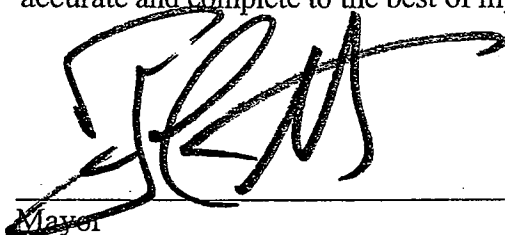
Functional Classification of Road at Crossing: **Urban Local**  
 AADT Year: ~~2005~~ **2010**  
 Avg. No of School Buses per Day: **0**



CHIEF EXECUTIVE OFFICER STATEMENT

Quiet Zone Name: Beach Drive 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.



Mayor

07/18/10

Date

Attest:



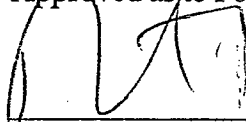
City Clerk

By: Carrie Lewellen  
Deputy City Clerk

7/20/10

Date

Approved as to Form and Legality:



City Attorney

Date

Attachment "C"

## Notice for Intent to Establish a Railroad Quiet Zone Written Notice Recipients

### 1. Railroads operating over the grade crossings:

Rick Wagner  
Manager 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 47<sup>th</sup> Avenue  
Vancouver, WA 98661

Attachment "D"

Attachment "E"  
Quiet Zone Designation Information (FRA printout)



Federal Railroad Administration

### Quiet Zone Designation Information

|                                 |   |   |                          |
|---------------------------------|---|---|--------------------------|
| <b>Name</b><br>John Manix       | <b>Job Title</b><br>Transportation Engineer | <b>Organization</b><br>City of Vancouver      |                          |
| <b>Address</b><br>P.O. Box 1995 | <b>City</b><br>Vancouver                    | <b>State</b><br>WA                            | <b>Zip Code</b><br>98668 |
| <b>Phone</b><br>360-487-7727    | <b>Fax</b><br>360-518-0403                  | <b>Email</b><br>john.manix@ci.vancouver.wa.us |                          |

|                                |   |                                    |                                 |                                |
|--------------------------------|---|------------------------------------|---------------------------------|--------------------------------|
| <b>090072Y</b><br>BEACH DRIVE  | <b>Proposed Warning Device</b><br>Gates   | <b>Estimated Cost</b><br>15,000.00 | <b>Wayside Horn</b><br>No       | <b>Risk Index</b><br>30,614.76 |
| <b>Crossing Type</b><br>Public | <b>SSM</b><br>Non-Traversable Curb Medians with or without Channelization Devices |                                    | <b>Pre-Existing SSM</b><br>None |                                |

Note: If zone is a partial new quiet zone, gates are not required if the crossing is to be closed during partial quiet zone period, permanently closed, or grade separated.

|                                     |   |                     |                                    |                                    |
|-------------------------------------|---|---------------------|------------------------------------|------------------------------------|
| Zone ID : 24847                     |   | Scenario ID : 32697 |                                    |                                    |
| Date : 7/2/2010 8:44:27 AM          |   |                     |                                    |                                    |
| Railroad<br>BNSF                    | Pre Rule?<br>NO                                   | Partial?<br>NO      | Time of Partial Quiet Zone         | Total Traffic<br>342               |
| Estimated Total Cost<br>\$15,000.00 | Nationwide Significant Risk<br>Threshold<br>18775 |                     | Risk Index with Horns<br>91,770.88 | Quiet Zone Risk Index<br>30,614.76 |

### Basis for Establishment or Continuation of Quiet Zone

This quiet zone is being established in compliance with the following (check one)

- § 222.39(a)(1), implementation of SSMs at every public crossing in the New Quiet Zone or New Partial Quiet Zone;
- § 222.39(a)(2)(i), the QZRI is at or below the NSRT without installation of any SSMs at the New Quiet Zone or New Partial Quiet Zone;
- § 222.39(a)(2)(ii), SSMs were implemented at some crossings in the New Quiet Zone or New Partial Quiet Zone to bring the QZRI to a level at or below the NSRT;
- § 222.39(a)(3), SSMs were implemented at some crossings in the New Quiet Zone or New Partial Quiet Zone to bring the QZRI to a level at or below the RIWH; or
- § 222.39(b), public authority application to the FRA for a New Quiet Zone or New Partial Quiet Zone.
- § 222.41(a)(1)(i) Pre-Rule Quiet Zones that qualify for automatic approval because every crossing is equipped with an SSM,
- § 222.41(a)(1)(ii) Pre-Rule Quiet Zones that qualify for automatic approval because  $QZRI \leq NSRT$ ,
- § 222.41(a)(1)(iii) Pre-Rule Quiet Zones that qualify for automatic approval because  $NSRT < QZRI < 2 * NSRT$ , and there have been no relevant collisions within the 5 years preceding April 27,2005
- § 222.41(a)(1)(iv) Pre-Rule Quiet Zones that qualify for automatic approval because  $NSRT < RIWH$ .
- § 222.41(b)(1)(i) Pre-Rule Partial Quiet Zones that qualify for automatic approval because every crossing is equipped with an SSM,
- § 222.41(b)(1)(ii) Pre-Rule Partial Quiet Zones that qualify for automatic approval because  $QZRI \leq NSRT$ ,
- § 222.41(b)(1)(iii) Pre-Rule Partial Quiet Zones that qualify for automatic approval because  $NSRT < QZRI < 2 * NSRT$ , and there have been no relevant collisions within the 5 years preceding April 27,2005.
- § 222.41(b)(1)(iv) Pre-Rule Partial Quiet Zones that qualify for automatic approval because  $NSRT < RIWH$ .
- § 222.41(c) Pre-Rule Quiet Zones and Pre-Rule Partial Quiet Zones that do not qualify for automatic approval

§ 222.41(d) Pre-Rule Partial Quiet Zones that will be converted to 24-hour New Quiet Zones

§ 222.42(a) Intermediate Quiet Zones or Intermediate Partial Quiet Zones

§ 222.42(b) Intermediate Partial Quiet Zones that will be converted to 24-hour New Quiet Zones.

Applicant Signature John Marix

Date 7/16/10

**Chief Executive Officer Statement.**

I hereby certify that the information submitted in this notification is accurate and complete to the best of my knowledge and belief.

Signature Pat McSparrill

Date 7-20-10

Note: A copy of this report along with other required contents (see § 222.43(e)(2)) must be sent to all of the parties required in § 222.43(a)(4). FRA's notification should be mailed to:

Associate Administrator for Safety  
Federal Railroad Administration  
1200 New Jersey Avenue, SE, MS-25  
Washington, DC 20590



Federal Railroad Administration

## Quiet Zone Designation Information

### Public At-grade Open Crossing Information

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|                     |         |                             |         |
|---------------------|---------|-----------------------------|---------|
| Crossing:           | 090072Y | Urban(U)/Rural(R):          | U.Local |
| Warning Device:     | Gates   | Highway Paved:              | yes     |
| aadt:               | 342     | Maximum Timetable Speed :   | 70      |
| Total Trains:       | 41      | Highway Lanes:              | 2       |
| Day Through Trains: | 21      | No. of Accident Data Years: | 5       |
| Main Tracks:        | 2       | No. of Accidents:           | 2       |
| Other Tracks:       | 0       | Total Switching Trains:     |         |

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