

NOTICE OF NEW QUIET ZONE ESTABLISHMENT  
IN THE CITY OF RICHMOND, CALIFORNIA

Notice is hereby given by the City of Richmond, California, to:

BNSF Railway Company  
Attn: R. Curtis Ballantyne  
One California Plaza, 37<sup>th</sup> Floor  
300 South Grand Avenue  
Los Angeles, CA 90071-3147

BNSF Railway Company  
Attn: John Shurson  
740 East Carnegie Drive  
San Bernardino, CA 92408

California Public Utilities Commission  
Attn: Daren Gilbert  
515 "L" Street, Suite 1119  
Sacramento, CA 95814

California Public Utilities Commission  
Attn: Felix Ko  
505 Van Ness Avenue  
San Francisco, CA 94102

California Department of Transportation  
(Caltrans)  
Attn: Public Affairs  
1120 N Street  
Sacramento, CA 95814

California Department of Transportation  
(Caltrans)  
District 4, Public Affairs  
P. O. Box 23660  
Oakland, CA 94623-0660

Federal Railroad Administration  
Charles Hagood, Regional Manager  
P. O. Box 453  
Oakhurst, CA 93644

Federal Railroad Administration  
Associate Administrator  
RRS - 1 Mail Stop 25  
1120 Vermont Avenue, NW  
Washington, D. C. 20590

Union Pacific Railroad  
Engineering Department  
RE: Quiet Zone Establishment  
1400 Douglas Street, STOP 0910  
Omaha, NE 68179-0910

Richmond Police Department  
Attention: Chief of Police  
1701 Regatta Blvd  
Richmond, CA 94804

The following sets forth the U.S. DOT National Highway-Rail Grade Crossing Inventory Number, street name, and the quiet zone name of each public highway-rail grade crossing which the City of Richmond is including within the West Four Quiet Zone:

<u>Crossing Name</u>	<u>DOT #</u>	<u>Name of QZ</u>
Richmond Parkway	0153312C	West Four

Routine locomotive horn use at the above-named crossings will cease at 12:01 a.m. on **August 21, 2009**. The West Four Quiet Zone will impose a 24- hour restriction on the routine sounding of locomotive horns within the West Four Quiet Zone. The West Four Quiet Zone is created pursuant to 49 CFR 222.39.

A copy of the FRA web page that contains the quiet zone data upon which the City of Richmond is relying is attached hereto (Attachment 1). Also, an accurate complete and current Grade Crossing Inventory Form for the public highway-rail grade crossing listed above is attached (Attachment 2). Finally, a statement signed by the City Manager certifying that the information submitted hereunder is accurate and complete to the best of his knowledge and belief is attached (Attachment 3).

The City of Richmond sent an Amended Notice of Intention to Create New Quiet Zones on April 16, 2009, in accordance with 49 CFR 222.43(a)(1), which consisted of the West Four Quiet Zone. Comments were received and responded to by the City of Richmond. The City of Richmond will install "No Train Horn" advance warning signs on both approaches to the crossing prior to the silencing of the train horn.

The persons monitoring compliance for the City of Richmond will be:

Rich Davidson  
City Engineer  
450 Civic Center Plaza  
Richmond, CA 94804  
(510) 307-8105  
rich\_davidson@ci.richmond.ca.us

Dated: July 31, 2009

Attachment 1



Federal Railroad Administration

### Quiet Zone Designation Information

Name <b>Rich Davidson</b>	Job Title <b>City Engineer</b>	Organization <b>City of Richmond</b>	
Address <b>450 Civic Center Plaza</b>	City <b>Richmond</b>	State <b>CA</b>	Zip Code <b>94804</b>
Phone <b>510-307-8105</b>	Fax <b>510-307-8116</b>	Email <b>rich_davidson@ci.richmond.ca.us</b>	

<b>015312C</b> <b>GARRARD BLVD</b>	Proposed Warning Device <b>Gates</b>	Estimated Cost <b>0.00</b>	Wayside Horn <b>No</b>	Risk Index <b>10,992.92</b>
Crossing Type <b>Public</b>	SSM <b>None</b>		Pre-Existing SSM <b>Non-Traversable Curb Medians with or without Channelization Devices</b>	

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 : 22096		Scenario ID : 29601		
Date : 7/22/2009 7:22:20 PM				
Railroad BNSF	Pre Rule? NO	Partial? NO	Time of Partial Quiet Zone	Total Traffic 7,650
Estimated Total Cost \$0.00	Nationwide Significant Risk Threshold 17610		Risk Index with Horns 32,952.39	Quiet Zone Risk Index 10,992.92

### 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)(i) Pre-Rule Quiet Zones that qualify for automatic approval because every crossing is equipped with an SSM,
- § 222.41(a)(ii) Pre-Rule Quiet Zones that qualify for automatic approval because  $QZRI \leq NSRT$ ,
- § 222.41(a)(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)(iv) Pre-Rule Quiet Zones that qualify for automatic approval because  $NSRT < RIWH$ .
- § 222.41(b)(i) Pre-Rule Partial Quiet Zones that qualify for automatic approval because every crossing is equipped with an SSM,
- § 222.41(b)(ii) Pre-Rule Partial Quiet Zones that qualify for automatic approval because  $QZRI \leq NSRT$ ,
- § 222.41(b)(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)(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.

Richard A. ...  
Applicant Signature

Date 7/31/09

**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 SEE ATTACHMENT # 3

Date \_\_\_\_\_

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:	015312C	Urban(U)/Rural(R):	U.Minor Arterial
Warning Device:	Gates	Highway Paved:	yes
aadt:	7650	Maximum Timetable Speed :	10
Total Trains:	10	Highway Lanes:	4
Day Through Trains:	0	No. of Accident Data Years:	5
Main Tracks:	0	No. of Accidents:	0
Other Tracks:	1	Total Switching Trains:	

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Attachment 2



## U.S. DOT CROSSING INVENTORY FORM

DEPARTMENT OF TRANSPORTATION  
FEDERAL RAILROAD ADMINISTRATION (FRA)

OMB No. 2130-0017

<b>A. Initiating Agency</b> <input type="checkbox"/> Railroad <input checked="" type="checkbox"/> State	<b>B. Crossing Number (max. 7 char.)</b> 015312C	<b>C. Reason for Update</b> <input checked="" type="checkbox"/> Changes in Existing Data <input type="checkbox"/> New Crossing <input type="checkbox"/> Closed Crossing or Abandoned	<b>D. Effective Date (MM/DD/YYYY)</b> 07/31/2009
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**Part I: Location and Classification Information**

1. Railroad Oper. Co. (code (max. 4 char.) or name) BNSF		2. State (2 char.) CA	3. County (max 20 char.) Contra Costa County	
4. Railroad Division or Region (max. 14 char.) California		5. Railroad Subdivision or District (max. 14 char.) Martinez		6. Branch or Line Name (max. 15 char.) Siberia Lead
7. RR Milepost (max. 7 char.) (nnnn.nn) 0000.19				
8. RR I.D. No. (max. 10 char.) 7258	9. Nearest RR Timetable Station (max. 15 char.) (optional) Richmond	10. Parent RR (max. 4 char.) (if applicable)	11. Crossing Owner (RR or Company name) (if applicable)	
12. City (max. 16 char.) (check one) <input checked="" type="checkbox"/> In <input type="checkbox"/> Near Richmond		13. Street or Road Name (max. 17 char.) Richmond Parkway		<b>STATE SUPPLIED INFORMATION</b>
14. Highway Type & No. (max. 7 char.) Local		15. ENS Sign Installed (1-800) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		21. HSR Corridor ID (2 char.)
16. Quiet Zone <input type="checkbox"/> No <input type="checkbox"/> Partial <input checked="" type="checkbox"/> 24 hr <input type="checkbox"/> Unknown		17. Crossing Type (choose one only) <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Pedestrian		22. County Map Ref. No. (max. 10 char.) 5K52
18. Crossing Position <input checked="" type="checkbox"/> At Grade <input type="checkbox"/> RR Under <input type="checkbox"/> RR Over		19. Type of Passenger Service <input type="checkbox"/> AMTRAK <input type="checkbox"/> AMTRAK & Other <input type="checkbox"/> Other <input checked="" type="checkbox"/> None		23. Latitude (max. 10 char., nn.nnnnnn) 37.932947
20. Average Passenger Train Count Per Day 0		24. Longitude (max. 11 char., nnn.nnnnnn) -122.376271		25. Lat/Long Source <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Estimated
26. Is There an Adjacent Crossing With a Separate Number? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Provide Number _____ (7 characters)				

**27. PRIVATE CROSSING INFORMATION**

27.A. Category (check one) <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input type="checkbox"/> Recreational <input type="checkbox"/> Commercial	27.B. Public Access <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	27.C. Signs/Signals <input type="checkbox"/> None <input type="checkbox"/> Signs Specify (max. 15 char.) _____ <input type="checkbox"/> Signals Specify (max. 15 char.) _____
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28.A. Railroad Use (max. 20 char.)	29.A. State Use (max. 20 char.)
28.B. Railroad Use (max. 20 char.)	29.B. State Use (max. 20 char.)
28.C. Railroad Use (max. 20 char.)	29.C. State Use (max. 20 char.)
28.D. Railroad Use (max. 20 char.)	29.D. State Use (max. 20 char.)

30. Narrative (max. 100 char.)

31. Emergency Contact (Telephone No.)	32. Railroad Contact (Telephone No.)	33. State Contact (Telephone No.)
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**MUST COMPLETE REMAINDER OF FORM FOR PUBLIC VEHICLE CROSSINGS AT GRADE**

**Part II: Railroad Information**

1. Number of Daily Train Movements			
1.A. Total Trains 8	1.B. Total Switching Trains 0	1.C. Total Daylight Thru Trains (6 AM to 6 PM) 4	1.D. Check if Less Than One Movement Per Day <input type="checkbox"/>
2. Speed of Train at Crossing		2.A. Maximum Time Table Speed (mph) <u>10</u>	
		2.B. Typical Speed Range Over Crossing (mph) from <u>1</u> to <u>5</u>	
3. Type and Number of Tracks Main _____ Other <input checked="" type="checkbox"/> If Other, Specify (max. 10 char.) <u>E LEG WYE</u>			
4. Does Another RR Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5. Does Another RR Operate Over Your Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

## U.S. DOT CROSSING INVENTORY FORM

B. Crossing Number (max. 7 char.) 015312C	PAGE 2	D. Effective Date (MM/DD/YYYY) 07/31/2009
<b>Part III: Traffic Control Device Information</b>		
1. No Signs or Signals <input type="checkbox"/> Check if Correct	2. Type of Warning Device at Crossing – Signs (specify number of each)	
	2.A. Crossbucks 4	2.B. Highway Stop Signs (R1-1) 0
		2.C. RR Advance Warning Signs (W10-1) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		2.D. Hump Crossing Sign (W10-5) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
2.E. Pavement Markings <input checked="" type="checkbox"/> Stoplines <input checked="" type="checkbox"/> RR Xing Symbols <input type="checkbox"/> None		2.F. Other Signs (specify MUTCD type) Number 2 Specify Type (max. 10 char.) Number 0 Specify Type (max. 10 char.)
3. Type of Warning Device at Crossing – Train Activated Devices (specify number of each)		
3.A. Gates 4	3.B. Four-quadrant (or full barrier) Gates <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.C. Cantilevered (or Bridged) Flashing Lights Over Traffic Lane (number) 8 Not Over Traffic Lane (number) 0
		3.D. Mast Mounted Flashing Lights (number) 4
		3.E. Number of Flashing Light Pairs 10
3.F. Other Flashing Lights Number 0 Specify Type (max. 9 char.)		3.G. Highway Traffic Signals (number) 0
		3.H. Wigwags (number) 0
		3.J. Bells (number) 4
3.K. Other Train Activated Warning Devices: (specify) (max. 9 char.)		
4. Specify Special Warning Device NOT Train Activated (max. 20 char.)		5. Channelization Devices With Gates <input checked="" type="checkbox"/> All Approaches <input type="checkbox"/> One Approach <input type="checkbox"/> None
6. Train Detection <input checked="" type="checkbox"/> Constant Warning Time <input type="checkbox"/> DC/AFO <input type="checkbox"/> Motion Detectors <input type="checkbox"/> Other <input type="checkbox"/> None	7. Signalling for Train Operation: Is Track Equipped with Train Signals? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	8. Traffic Light Interconnection/Preemption <input type="checkbox"/> Not Interconnected <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Simultaneous Preemption <input type="checkbox"/> Advance Preemption
9. Reserved For Future Use	10. Reserved For Future Use	11. Reserved For Future Use
		12. Reserved For Future Use
<b>Part IV: Physical Characteristics</b>		
1. Type of Development <input type="checkbox"/> Open Space <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Institutional		2. Smallest Crossing Angle <input type="checkbox"/> 0° - 29° <input checked="" type="checkbox"/> 30° - 59° <input type="checkbox"/> 60° - 90°
3. Number of Traffic Lanes Crossing Railroad 4	4. Are Truck Pullout Lanes Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Is Highway Paved? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6. Crossing Surface (on main line) <input type="checkbox"/> 1. Timber <input type="checkbox"/> 2. Asphalt <input type="checkbox"/> 3. Asphalt and Flange <input type="checkbox"/> 4. Concrete <input checked="" type="checkbox"/> 5. Concrete and Rubber <input type="checkbox"/> 6. Rubber <input type="checkbox"/> 7. Metal <input type="checkbox"/> 8. Unconsolidated <input type="checkbox"/> 9. Other (Specify)		
7. Does Track Run Down a Street? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	8. Nearby Intersecting Highway? <input type="checkbox"/> Less than 75 feet <input type="checkbox"/> 75 to 200 feet <input type="checkbox"/> 200 to 500 feet <input checked="" type="checkbox"/> N/A	Is it Signalized? <input type="checkbox"/> Yes <input type="checkbox"/> No
9. Is Crossing Illuminated? (street lights within approx. 50 feet from nearest rail) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10. Is Commercial Power Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. Space Reserved For Future Use
<b>Part V: Highway Information</b>		
1. Highway System <input type="checkbox"/> Interstate <input type="checkbox"/> Federal Aid, Not NHS <input type="checkbox"/> Nat. Hwy System (NHS) <input checked="" type="checkbox"/> Non Federal Aid	2. Is Crossing on State Highway System? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Functional Classification of Road at Crossing Urban Arterial
		4. Posted Highway Speed 45
5. Annual Average Daily Traffic (AADT) Year 2009 AADT 7650	6. Estimate Percent Trucks 15	7. Average Number of School Buses Over Crossing per School Day 0
Public reporting burden for this information collection is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for this information collection is 2130-0017. All responses to this collection of information are voluntary. Send comments regarding this burden estimate or any other aspect of this collection, including suggestions for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Avenue, S.E., Third Floor West, Washington, D.C. 20590.		

Attachment 3

STATEMENT BY THE CITY MANAGER OF THE CITY OF RICHMOND  
REGARDING THE NOTICE OF QUIET ZONE ESTABLISHMENT

I, William A. Lindsay, am the City Manager of the City of Richmond, California, and my duties include the overall management for the City and its operations. In my capacity as City Manager, I hereby certify that the information submitted by the City of Richmond as part of its Notice of Quiet Zone Establishment in establishing its West Four Quite Zone is accurate and complete to the best of my knowledge and belief.

7/31/09

\_\_\_\_\_  
Date



\_\_\_\_\_  
William A. Lindsay  
City Manager