

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  
RCES  
Attn: Daren Gilbert  
180 Promenade Circle, Suite 115  
Sacramento, CA 95834-2939

California Public Utilities Commission  
RCES  
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  
Attn: LeeAnn Dickson  
Regional Manager  
801 I Street, Suite 466  
Sacramento, CA 95814

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  
Attn: 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 Six Quiet Zone:

<u>Crossing Name</u>	<u>DOT #</u>	<u>Name of QZ</u>
S.4 <sup>th</sup> Street/Cutting Blvd	015323P	West Six

Routine locomotive horn use at the above-named crossings will cease at 12:01 a.m. on October 26, 2012. The West Six Quiet Zone will impose a 24- hour restriction on the routine sounding of locomotive horns within the West Six Quiet Zone. The West Six Quiet Zone is created pursuant to 49 CFR 222.39.

The City of Richmond sent a Notice of Intention to Create New Quiet Zones on February 4, 2011, in accordance with 49 CFR 222.43(a)(1), which consisted of the West Six Zone. In response to comments received, on November 16, 2011, the City of Richmond applied to the Federal Railroad Administration (FRA) pursuant to 49 CFR Section 222.39(b) for approval of proposed alternative safety measures (ASMs) at the above-named crossing. On February 29, 2012, the FRA approved implementation of the ASMs pursuant to 49 CFR 222.39(b)(4)(ii) (Notification of Approval). As authorized by the California Public Utilities Commission in its letter dated September 25, 2012, approving the City of Richmond's General Order 88-B request to modify the crossing to install the ASMs, the City has completed installation of the ASMs.

A copy of the Notification of Approval is attached hereto (Attachment 1). An accurate complete and current Grade Crossing Inventory Form for the public highway-rail grade crossing listed above is attached (Attachment 2). 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 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:

Joel Camacho  
Associate Civil Engineer  
450 Civic Center Plaza  
Richmond, CA 94804  
(510) 621-5482  
joel\_camacho@ci.richmond.ca.us

Carlos A. Privat  
Assistant City Attorney  
450 Civic Center Plaza  
Richmond, CA 94804  
(510) 620-6509  
carlos\_privat@ci.richmond.ca.us

Dated: October 4, 2012

**ATTACHMENT 1**



U.S. Department  
of Transportation

**Federal Railroad  
Administration**

1200 New Jersey Avenue, SE  
Washington, DC 20590

**FEB 29 2012**

Mr. Joel Camacho  
Associate Engineer  
City of Richmond  
450 Civic Center Plaza  
Richmond, CA 94804

**Re: THR-000871** (U.S. DOT National Highway-Rail Grade Crossing Inventory Number 015323P)

Dear Mr. Camacho:

The Federal Railroad Administration (FRA) has reviewed the quiet zone application that you submitted on behalf of the City of Richmond, California (City), as required by Title 49 Code of Federal Regulations (CFR) Section 222.39(b). The City has requested FRA's approval of the proposed alternative safety measures (ASM) at the South 4th Street and Cutting Boulevard crossing.


FRA takes no exception to the analysis used to derive estimates of effectiveness for the proposed ASMs at the crossing. The proposed ASMs include implementation of a 23-foot pork chop island constructed with non-traversable curb, with the effectiveness rate of 0.005; and credit for the preexisting 74-foot non-traversable median with the effectiveness rate of 0.40.

Pursuant to 49 CFR § 222.39(b)(4)(ii), FRA hereby approves the application submitted by the City. FRA finds that the implementation of the ASMs contained in this application will result in a Quiet Zone Risk Index of 15,357; which is below the Risk Index with Horns (the risk that would be present if the horns were still sounding) of 15,422.

After successful installation of the proposed ASMs, and compliance with all applicable quiet zone requirements contained within 49 CFR §§ 222.25, 222.27, and 222.35, the City may submit its Notice of Quiet Zone Establishment in accordance with the requirements of 49 CFR § 222.43.

If you would like to discuss FRA's determination in this matter, please contact Mr. Ron Ries, FRA Highway-Rail Crossing and Trespasser Programs Division Staff Director, at (202) 493-6285.

Sincerely,



*cc:*

**Robert C. Lauby**  
**Acting Associate Administrator for Railroad Safety/Chief Safety Officer**

**cc: Mr. Daren Gilbert, California Public Utilities Commission**  
**Mr. W. Douglas Werner, BNSF Railway**  
**Mr. Patrick Halsted, Union Pacific Railroad**

U.S. Department  
of Transportation  
**Federal Railroad  
Administration**  
1200 New Jersey Avenue SE  
Washington DC 20590-0001  
RRS Mail Stop 25

Mr. Joel Camacho  
Associate Engineer  
City of Richmond  
450 Civic Center Plaza  
Richmond, CA 94804

RGD-R3B 94894

PRESORTED  
FIRST CLASS



Harley

Postage & Fees Paid  
\$00.374  
Postmaster: 00000  
U.S. POSTAGE



# ATTACHMENT 2

# U.S. DOT CROSSING INVENTORY FORM

DEPARTMENT OF TRANSPORTATION  
FEDERAL RAILROAD ADMINISTRATION (FRA)

OMB Control No. 2130-0017

<b>A. Initiating Agency</b> <input type="checkbox"/> Railroad <input checked="" type="checkbox"/> State	<b>B. Crossing Number</b> 015323P	<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</b> 10/04/2012
--	--------------------------------------	---	--

## Part I: Location and Classification Information

1. Railroad Operating Company (max 4 char.) <b>BNSF</b>		2. State (max 2 char.) <b>CA</b>		3. COUNTY (max 20 char.) <b>Contra Costa</b>	
4. Railroad Division or Region (max 14 char.) <b>CALIFORNIA</b>		5. Railroad Subdivision or District (max 14 char.) <b>MARTINEZ</b>		6. Branch or Line Name (max 15 char.) <b>SIBERIA LEAD</b>	
7. RR Milepost (nnnn.nn) <b>1.15</b>		8. RR I.D. No. (max 10 char.) <b>7258</b>		9. Nearest RR Timetable Station (max 15 char.) (optional) <b>RICHMOND</b>	
10. Parent RR (max 4 char.) (if applicable) <b>BNSF</b>		11. Crossing Owner (RR or Company Name) <b>BNSF</b>			
12. City (max 16 char.) <input checked="" type="checkbox"/> IN <input type="checkbox"/> Near <b>RICHMOND</b>		13. Street or Road Name (max 17 char.) <b>S. 4TH &amp; CUTTING BLV</b>		STATE SUPPLIED INFORMATION	
14. Highway Type & No. (max 7 char.) <b>Local</b>		15. ENS Sign installed (1-800) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		16. Quiet Zone - FRA DETERMINED <input type="checkbox"/> No <input type="checkbox"/> Partial <input 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		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	
20. Average Passenger Train Count Per Day <b>0</b>		21. HSR Corridor ID (max 2 char.)		22. County Map Ref. No. (max 10 char.) <b>5K52</b>	
23. Latitude (nn.nnnnnnn) <b>37.925264</b>		24. Longitude (nnn.nnnnnnnn) <b>-122.365803</b>		25. Lat/Long Source <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Estimated	

26. Is There an Adjacent Crossing With a Separate Number?  
 Yes  No    If Yes, Provide Number

### 27. PRIVATE CROSSING INFORMATION

27.A. Category (check one) <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input type="checkbox"/> Recreational <input type="checkbox"/> Industrial <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 _____ <input type="checkbox"/> Signals    Specify _____	
--	--	--	--	--	--

28.A. Railroad Use (max 20 char.)	29.A. State Use (max 20 char.) <b>002K-1.15</b>
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  
**CHANNALIZATION DEVICE CONSISTS OF 74 FOOT LONG NON-TRAVERSABLE MEDIAN, EAST OF THE CROSSING**

31. Emergency Contact (Telephone No.) <b>888-832-5452</b>	32. Railroad Contact (Telephone No.) <b>800-832-5452</b>	33. State Contact (Telephone No.) <b>213-576-7078</b>
--	---	--

## 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 <b>12</b>	1.B. Total Switching Trains <b>0</b>	1.C. Total Daylight Thru Trains (6 AM to 6 PM) <b>6</b>	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) <b>10</b> 2.B. Typical Speed Range Over Crossing (mph) from <b>1</b> to <b>5</b>			
3. Type and Number of Tracks Main                      Other <b>1</b> If Other, Specify <b>IND LEAD</b>			
4. Does Another RR Operate a Separate Track at Crossing? <input type="checkbox"/> Yes    If Yes, Specify RR (max 16 char.) <input checked="" type="checkbox"/> No		5. Does Another RR Operate Over Your Track at Crossing? <input type="checkbox"/> Yes    If Yes, Specify RR (max 16 char.) <input checked="" type="checkbox"/> No	



### U.S. DOT CROSSING INVENTORY FORM

<b>B. Crossing Number</b> 015323P	<b>PAGE 2</b>				<b>D. Effective Date</b> 10/04/2012
<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 0	2.B. Highway Stop Signs (R1-1) 1	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"/> Stoptines <input checked="" type="checkbox"/> RR Xing Symbols <input type="checkbox"/> None			2.F. Other Signs: (specify MUTCD type) Number <u>2</u> Specify Type <u>W10-12</u> Number <u>0</u> Specify Type _____		
3. Type of Warning Device at Crossing – Train Activated Devices (specify number of each)					
3.A. Gates 5	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) <u>2</u> Not Over Traffic Lane (number) <u>0</u>		3.D. Mast Mounted Flashing Lights (number) 0	3.E. Number of Flashing Light Pairs 4
3.F. Other Flashing Lights: Number <u>1</u> Specify Type <u>SIDE</u> (max 9 characters)			3.G. Highway Traffic Signals (number) 0	3.H. Wigwags (number)	3.J. Bells (number) 2
3.K. Other Train Activated Warning Devices: (specify) (max 9 characters)					
4. Specify Special Warning Device NOT Train Activated: <b>DO NOT USE OR ENTER DATA</b>			5. Channelization Devices With Gates <input type="checkbox"/> All Approaches <input checked="" 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. Signaling for Train Operation: Is Train Equipped with Train Signal? <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"/> Advanced 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 checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional				2. Smallest Crossing Angle <input checked="" type="checkbox"/> 0°-29° <input 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 checked="" 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 checked="" type="checkbox"/> Less than 75 feet <input type="checkbox"/> 75 to 200 feet <input type="checkbox"/> 200 to 500 feet <input type="checkbox"/> N/A Is it Signalized? <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Nat. Hwy System (NHS) <input 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 14 URBAN OTHER PRINCIPAL	
5. Annual Average Daily Traffic (AADT) Year 2011 AADT 5075		6. Estimate Percent Trucks 20.00		4. Posted Highway Speed 40 7. Average Number of School Buses Over Crossing per School Day 0	

Paperwork Reduction Act: Public reporting 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, no persons are required to respond to a collection of information unless it displays a currently valid OMB Control Number. The Valid OMB Control Number for this collection is 2130-0017.

# 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 Six Quite Zone is accurate and complete to the best of my knowledge and belief.

10/4/12

---

Date



---

William A. Lindsay  
City Manager