



City of White Salmon  
Office of City Hall

TR-090161

Office: (509) 493-1133  
Fax: (509) 493-1231

December 28, 2009

Ms. Christine Adams, Grade Crossing Manager  
Federal Railroad Administration  
P.O. Box 2744  
Vancouver, Washington 98665

Regarding: Notice of Quiet Zone Establishment - South Dock Grade Road

Greetings:

The City of White Salmon (City) hereby submits this Notice of Quiet Zone Establishment, with enclosures, in order to activate the Quiet Zone described herein pursuant to requirements outlined in Title 49 of the Code of Federal Regulations (CFR) Part 222 Et seq.

**Section 1 – Effected Highway – Rail Crossings**

One public roadway-rail grade crossing is located within the proposed Quiet Zone. This crossing is located within the City of White Salmon, Klickitat County, Washington. The effected roadway is under the jurisdiction of the City of White Salmon.

| USDOT CROSSING ID # | WUTC CROSSING ID # | STREET NAME           |
|---------------------|--------------------|-----------------------|
| 090164L             | 3A 74.20           | South Dock Grade Road |

**Section 2 – Effective Date of Quiet Zone**

January 19, 2010, is to be the date on which routine locomotive horn use at the above crossing shall cease.

**Section 3 – Regulatory Basis for Designation of Quiet Zone**

This Quiet Zone is established under the Regulatory Provisions of 49 CFR 222.39(a)(3), which will include implementation of Supplemental Safety Measures (S.S.M.) at said crossing. The installation will comply with the requirements of Appendix A to Part 222 (A)(3)-Gates With Channelization Devices (S.S.M. #12).

**Section 4 – Time Period Within Which Restrictions on Horn Use Will be Imposed**

The time period within which restriction on the routine sounding of the locomotive horn will be imposed is 24 hours per day.

**Section 5 – Grade Crossing Inventory Forms**

Included with this letter is the Grade Crossing Inventory Form dated December 28, 2009, which is prior to Quiet Zone establishment. Also included is a hand-corrected copy of the

P.O. Box 2139 • 100 North Main Street • White Salmon, WA 98672

RECEIVED  
 FEDERAL RAILROAD ADMINISTRATION  
 OFFICE OF GRADE CROSSING  
 SAFETY  
 2010 JAN -5 AM 8:53

Grade Crossing Inventory Form with the Supplemental Safety Measures included, which indicate the post Quiet Zone establishment configuration.

**Section 6 – Notice of Intent**

A Notice of Intent to Establish a Quiet Zone at the above listed location was mailed to all railroads operating over the public grade crossing within the proposed Quiet Zone, the State agency responsible for grade crossing safety, and the State agency responsible for highway and road safety for this crossing, on January 28, 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.

**Section 7 – Compliance Monitoring Point of Contact**

David Poucher, Mayor  
City of White Salmon  
P.O. Box 2139  
White Salmon, Washington 98672  
PH: (509) 493-1133  
FX: (509) 493-1231  
[mayor@ci.white-salmon.wa.us](mailto:mayor@ci.white-salmon.wa.us)

**Section 8 – Distribution**

This notice has been sent via certified mail, return receipt requested, to the following individuals:

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

Darryl Morrow  
Grade Crossing Manager  
Federal Railroad Administration  
P.O. Box 2342  
Vancouver, Washington 98668

Christine Adams, Grade Crossing Manager  
Federal Railroad Administration  
P.O. Box 2744  
Vancouver, Washington 98665  
500 Broadway, Suite 240  
Vancouver, Washington 98660

Kathy Hunter, Transportation and Safety Compliance Manager  
Washington Utilities and Transportation Commission  
1300 South Evergreen Park Drive Southwest  
P.O. Box 47250  
Olympia, Washington 98504-7250

Ted Trepanier, State Traffic Engineer  
Washington State Department of Transportation  
310 Maple Park Avenue Southeast  
Olympia, Washington 98504-7344

Ahmer Nizam, Railroad Specialist  
Washington State Department of Transportation  
P. O. Box 47329  
Olympia, Washington 98504-7329

Bruce Brending, Chief  
Bingen-White Salmon Police Department  
170 NW Lincoln Street  
White Salmon, Washington 98672

Todd Kuhn, Region 1 Public Projects Manager  
BNSF Railway  
2454 Occidental Avenue South, Suite 1A  
Seattle, Washington 98134

Alvin Richardson, Amtrak Senior Safety Coordinator  
National Railroad Passenger Corporation  
60 Massachusetts Avenue Northeast  
Washington, D.C. 20002

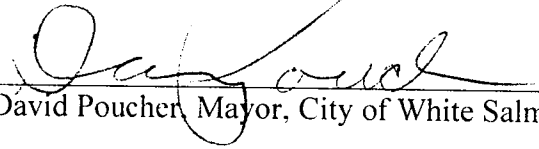
This notice has been sent via uncertified mail to the following individuals:

Darrin Eckman, Project Manager  
Tenneson Engineering Corporation  
3313 West Second Street, Suite 100  
The Dalles, Oregon 97058

Sharon McCormack  
P. O. Box 38  
White Salmon, Washington 98672

**Section 9 - Certification**

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

  
\_\_\_\_\_  
David Poucher, Mayor, City of White Salmon

12/28/09  
Date

<12876>



Federal Railroad Administration

### Quiet Zone Designation Information

|                               |                             |   |                          |
|-------------------------------|-----------------------------|---|--------------------------|
| Name<br><b>David Poucher</b>  | Job Title<br><b>Mayor</b>   | Organization<br><b>City of White Salmon</b> |                          |
| Address<br><b>PO Box 2139</b> | City<br><b>White Salmon</b> | State<br><b>WA</b>                          | Zip Code<br><b>98672</b> |
| Phone<br><b>509-493-1133</b>  | Fax<br><b>509-493-1231</b>  | Email                                       |                          |

|  |  |                                    |                                 |                               |
|--|--|------------------------------------|---------------------------------|-------------------------------|
| <b>090164L</b><br><b>S DOCK GRADE RD</b> | Proposed Warning Device<br><b>Gates</b>  | Estimated Cost<br><b>13,000.00</b> | Wayside Horn<br><b>No</b>       | Risk Index<br><b>4,889.68</b> |
| Crossing Type<br><b>Public</b>           | SSM<br><b>Mountable medians with Reflective Traffic Channelization Devices</b> |                                    | Pre-Existing SSM<br><b>None</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 : 20386                            |   | Scenario ID : 27612   |   |  |
| Date : 12/28/2009 5:34:01 PM               |   |                       |   |  |
| Railroad<br><b>BNSF</b>                    | Pre Rule?<br><b>NO</b>                                | Partial?<br><b>NO</b> | Time of Partial Quiet Zone                | Total Traffic<br><b>88</b>               |
| Estimated Total Cost<br><b>\$13,000.00</b> | Nationwide Significant Risk Threshold<br><b>18775</b> |                       | Risk Index with Horns<br><b>10,969.06</b> | Quiet Zone Risk Index<br><b>4,889.68</b> |

**Basis for Establishment or Continuation of Quiet Zone**

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

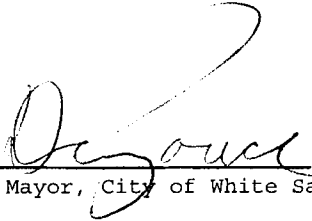
- § 222.39(a)(1), implementation of SSMs at every public crossing in the New Quiet Zone or New Partial Quiet Zone;
- §222.39(a)(2)(i), the QZRI is at or below the NSRT without installation of any SSMs at the New Quiet Zone or New Partial Quiet Zone;
- §222.39(a)(2)(ii), SSMs were implemented at some 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 ≤ 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 ≤ 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

  
David Poucher, Mayor, City of White Salmon

Date

12/28/09

**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

  
David Poucher, Mayor, City of White Salmon

Date

12/28/09

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:           | 090164L | Urban(U)/Rural(R):          | U.Local |
| Warning Device:     | Gates   | Highway Paved:              | yes     |
| aadt:               | 88      | Maximum Timetable Speed :   | 60      |
| Total Trains:       | 41      | Highway Lanes:              | 2       |
| Day Through Trains: | 21      | No. of Accident Data Years: | 5       |
| Main Tracks:        | 1       | No. of Accidents:           | 0       |
| Other Tracks:       | 0       | Total Switching Trains:     |         |

---



Change Scenario: SOUTH DOCK\_27612

| Crossing | Street           | Traffic | Warning Device | Pre-SSM | SSM | Risk      |
|----------|------------------|---------|----------------|---------|-----|-----------|
| 090164   | LS DOCK GRADE RD | 88      | Gates          | 0       | 0   | 19,558.71 |

**Create New Zone**  
**Manage Existing Zones**

**Log Off**

\* Only Public At Grade Crossings are listed.

Click for [Supplementary Safety Measures \[SSM\]](#)

**Step by Step Instructions:**

**Step 1:** To specify New Warning Device (For Pre-Rule Quiet Zone Only) and/or SSM, click the **MODIFY** Button

**Step 2:** Select proposed warning device or SSM. Then click the **UPDATE** button. To generate a spreadsheet of the values on this page, click on **ASM** button—This spreadsheet can then be used for ASM calculations.

**Step 3:** Repeat Step (2) until the **SELECT** button is shown at the bottom right side of this page. Note that the **SELECT** button is shown **ONLY** when the Quiet Zone Risk Index falls below the NSRT or the Risk Index with Horn.

**Step 4:** To save the scenario and continue, click the **SELECT** button

| Summary                                |                     |
|--|---------------------|
| Proposed Quiet Zone:                   | South Dock Grade WS |
| Type:                                  | New 24-hour QZ      |
| Scenario:                              | SOUTH DOCK_27612    |
| Estimated Total Cost:                  | \$0.00              |
| Nationwide Significant Risk Threshold: | 18775 .00           |
| Risk Index with Horns:                 | 10969.06            |
| Quiet Zone Risk Index:                 | 19558.71            |

← PRIORITY TO SSM

FRA QUIET ZONE CALCULATOR (PRE-SSM)

Change Scenario: SOUTH DOCK\_27612

| Crossing | Street          | Traffic Warning Device | Pre-SSM | SSM Risk |
|----------|-----------------|------------------------|---------|----------|
| 090164   | S DOCK GRADE RD | 88 Gates               | 0       | 4,889.68 |

**Create New Zone**  
**Manage Existing Zones**

**Log Off** \* Only Public At Grade Crossings are listed.

**ALERT: Quiet Zone qualifies because SSM has been applied in each crossing.**

Click for Supplementary Safety Measures [SSM]

Click for ASM spreadsheet: **ASM** \* Note: The use of ASMs requires an application to and approval from the FRA.

**Step by Step Instructions:**

**Step 1:** To specify New Warning Device (For Pre-Rule Quiet Zone Only) and/or SSM, click the **MODIFY** Button

**Step 2:** Select proposed warning device or SSM. Then click the **UPDATE** button. To generate a spreadsheet of the values on this page, click on **ASM** button—This spreadsheet can then be used for ASM calculations.

**Step 3:** Repeat Step (2) until the **SELECT** button is shown at the bottom right side of this page. Note that the **SELECT** button is shown **ONLY** when the Quiet Zone Risk Index falls below the NSRT or the Risk Index with Horn.

**Step 4:** To save the scenario and continue, click the **SELECT** button

| Summary                                       |                     |
|---|---------------------|
| <b>Proposed Quiet Zone:</b>                   | South Dock Grade WS |
| <b>Type:</b>                                  | New 24-hour QZ      |
| <b>Scenario:</b>                              | SOUTH DOCK_27612    |
| <b>Estimated Total Cost:</b>                  | \$13,000.00         |
| <b>Nationwide Significant Risk Threshold:</b> | 18775 .00           |
| <b>Risk Index with Horns:</b>                 | 10969.06            |
| <b>Quiet Zone Risk Index:</b>                 | <b>4889.68</b>      |
| <input type="button" value="Select"/>         |                     |

← WITH SSM.

FRA QUIET ZONE CALCULATOR (POST-SSM)

**U.S. DOT - CROSSING INVENTORY INFORMATION  
AS OF 12/28/2009**

Crossing No.: **090164L**      Update Reason: **Changed Crossing**      Effective Begin-Date of Record: **02/08/08**  
 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:                               | <b>NORTHWEST</b>           | State:               | <b>WA</b>              |
| Subdivision:                            | <b>FALLBRIDGE</b>          | County:              | <b>KLICKITAT</b>       |
| Branch or Line Name:                    | <b>PORTLND-WISHRAM</b>     | City:                | <b>In WHITE SALMON</b> |
| Railroad Milepost:                      | <b>0074.20</b>             | Street or Road Name: | <b>S DOCK GRADE RD</b> |
| Railroad I.D. No.:                      | <b>0047</b>                | Highway Type & No.:  | <b>LOCAL</b>           |
| Nearest RR Timetable Stn:               | <b>BINGEN</b>              | HSR Corridor ID:     |                        |
| Parent Railroad:                        |                            | County Map Ref. No.: | <b>20 3</b>            |
| Crossing Owner:                         | <b>BNSF Rwy Co. [BNSF]</b> | Latitude:            | <b>45.7242828</b>      |
| ENS Sign Installed:                     | <b>Yes</b>                 | Longitude:           | <b>-121.4940273</b>    |
| Passenger Service:                      | <b>AMTRAK</b>              | Lat/Long Source:     | <b>Actual</b>          |
| Avg Passenger Train Count:              | <b>2</b>                   | Quiet Zone:          | <b>No</b>              |
| Adjacent Crossing with Separate Number: | <b>No</b>                  |                      |                        |

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:    | <b>3A 74.20</b> |         |         |         |

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: | <b>No</b>       |
| Total Trains:   | <b>41</b>      | Total Switching:                | <b>0</b>        |
| Typical Speed Range Over Crossing: From               | <b>1</b>       | to                              | <b>60</b> mph   |
| Type and Number of Tracks:                            | Main: <b>1</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> |

**PRE - SSM INVENTORY**

1A/ZA



**U.S. DOT - CROSSING INVENTORY INFORMATION**

Crossing **090164L**

Continued

Effective Begin-Date of Record: **02/08/08**

End-Date of Record:

**Part III: Traffic Control Device Information**

Signs:

|                    |                   |                     |           |
|--------------------|-------------------|---------------------|-----------|
| Crossbucks:        | <b>2</b>          | Highway Stop Signs: | <b>0</b>  |
| Advanced Warning:  | <b>Yes</b>        | Hump Crossing Sign: | <b>No</b> |
| Pavement Markings: | <b>Stop Lines</b> | Other Signs:        | <b>0</b>  |
|                    |                   |                     | <b>0</b>  |

Train Activated Devices:

|  |             |  |                              |
|--|-------------|--|------------------------------|
| Gates:                                 | <b>2</b>    | 4 Quad or Full Barrier:                      | <b>No</b>                    |
| Mast Mounted FL:                       | <b>2</b>    | Total Number FL Pairs:                       | <b>5</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>                     |
| Other Train Activated Warning Devices: |             | Bells:                                       | <b>1</b>                     |
| Channelization:                        | <b>None</b> | Special Warning Devices Not Train Activated: |                              |
| Track Equipped with Train Signals?     | <b>No</b>   | Type of Train Detection:                     | <b>Constant Warning Time</b> |
|  |             | Traffic Light Interconnection/Preemption:    | <b>Not Interconnected</b>    |

**Part IV: Physical Characteristics**

|  |                          |                                  |                         |
|--|--------------------------|----------------------------------|-------------------------|
| Type of Development:                       | <b>Commercial</b>        | Smallest Crossing Angle:         | <b>60 to 90 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>Less than 75 feet</b> | Is Crossing Illuminated?         | <b>No</b>               |
| Does Track Run Down a Street?              | <b>No</b>                |                                  |                         |
| Is Commercial Power                        | <b>No</b>                |                                  |                         |

**Part V: Highway Information**

|                                      |                                   |  |                    |
|--------------------------------------|-----------------------------------|--|--------------------|
| Highway System:                      | <b>Other FA Highway - Not NHS</b> | Functional Classification of Road at Crossing: | <b>Urban Local</b> |
| Is Crossing on State Highway System: | <b>No</b>                         | AADT Year:                                     | <b>2007</b>        |
| Annual Average Daily Traffic (AADT): | <b>000088</b>                     | Avg. No of School Buses per Day:               | <b>0</b>           |
| Estimated Percent Trucks:            | <b>60</b>                         |  |                    |
| Posted Highway Speed:                | <b>25</b>                         |  |                    |

28  
/ZA

**U.S. DOT - CROSSING INVENTORY INFORMATION**

Crossing *090164L*

Continued

Effective Begin-Date of Record: *02/08/08*

End-Date of Record:

**Part III: Traffic Control Device Information**

Signs:

|                    |                   |                     |           |
|--------------------|-------------------|---------------------|-----------|
| Crossbucks:        | <b>2</b>          | Highway Stop Signs: | <b>0</b>  |
| Advanced Warning:  | <b>Yes</b>        | Hump Crossing Sign: | <b>No</b> |
| Pavement Markings: | <b>Stop Lines</b> | Other Signs:        | <b>0</b>  |
|                    |                   |                     | <b>0</b>  |

Train Activated Devices:

|  |           |  |                              |
|--|-----------|--|------------------------------|
| Gates:                                 | <b>2</b>  | 4 Quad or Full Barrier:                      | <b>No</b>                    |
| Mast Mounted FL:                       | <b>2</b>  | Total Number FL Pairs:                       | <b>5</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>                     |
| Other Train Activated Warning Devices: |           | Bells:                                       | <b>1</b>                     |
| Channelization:                        | <b>No</b> | Special Warning Devices Not Train Activated: |                              |
| Track Equipped with Train Signals?     | <b>No</b> | Type of Train Detection:                     | <b>Constant Warning Time</b> |
|  |           | Traffic Light Interconnection/Preemption:    | <b>Not Interconnected</b>    |

*None YES - SSM 12*

**Part IV: Physical Characteristics**

|  |                          |                                  |                         |
|--|--------------------------|----------------------------------|-------------------------|
| Type of Development:                       | <b>Commercial</b>        | Smallest Crossing Angle:         | <b>60 to 90 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>Less than 75 feet</b> | Is Crossing Illuminated?         | <b>No</b>               |
| Does Track Run Down a Street?              | <b>No</b>                |                                  |                         |
| Is Commercial Power                        | <b>No</b>                |                                  |                         |

**Part V: Highway Information**

|                                      |                                   |  |                    |
|--------------------------------------|-----------------------------------|--|--------------------|
| Highway System:                      | <b>Other FA Highway - Not NHS</b> | Functional Classification of Road at Crossing: | <b>Urban Local</b> |
| Is Crossing on State Highway System: | <b>No</b>                         | AADT Year:                                     | <b>2007</b>        |
| Annual Average Daily Traffic (AADT): | <b>000088</b>                     | Avg. No of School Buses per Day:               | <b>0</b>           |
| Estimated Percent Trucks:            | <b>60</b>                         |  |                    |
| Posted Highway Speed:                | <b>25</b>                         |  |                    |

*ZB/ZB*