

# Rail Accident Inspection Form

Docket No: TR-160070

Current Date: 10/04/16

Railroad Owning Track: BNSF

Railroad Operating on Track: Amtrak

FRA Investigation: Yes  No

Inspector: Mark Johnson

*Reviewed  
OK to  
Close  
10-21-16  
K Hunter*

## I. Type of Accident

Public Crossing  Private Crossing  Trestle  Pedestrian at Crossing

Pedestrian Not at Crossing  Other (explain)

## II. Time and Location of Accident

Date 1/02/16

Time 10:10 AM

USDOT Crossing No. 085680H

WUTC Crossing No. 1E28.47

Railroad Milepost 28.47X

GPS Identifier: Lat: 47.20756

Long: -122.23765

Number of Tracks: 2

City: Sumner

Road name, yard name, bridge identifier: Zehnder Rd.

County: Pierce

Company responsible for track maintenance: BNSF

Other railroad involved in train accident/incident: Amtrak

## III. Conditions Surrounding the Accident

Weather: Clear to cloudy  Fog  Rain  Snow

Road Condition: Dry  Wet  Snow  Ice

Visibility Due to Weather: Daylight  Darkness  Unknown

Adequate Sight Distance: Yes  No  N/A

Train Speed: 70

Describe: Tangent track with at least 1500' sight distance in either direction.

Train Type: Freight  Passenger  Locomotive only  Cars only  Tilt train

Remote Control: Yes  No  N/A

Haz-Mat on Train: Yes  No  N/A

Type of Haz-Mat: \_\_\_\_\_

## IV. Pedestrian, Driver, or Passenger Fatalities

Does this section apply? Yes  No

Number of people killed 1

If a vehicle accident, number of passengers \_\_\_\_\_

Name: Michael P. Tortorete

Driver:  Passenger  Pedestrian

Age 53

Gender: Male  Female

Pedestrian trying to get on/off train? Yes  No

Suicide: Yes  No  Undetermined

Alcohol: Yes  No  Undetermined

Information supplied by: \_\_\_\_\_

Drugs: Yes  No  Undetermined

Information supplied by: \_\_\_\_\_

Names of additional fatalities: \_\_\_\_\_

**V. Pedestrian, Driver, or Passenger Injuries**Does this section apply? Yes  No 

Number of people injured \_\_\_\_\_

If a vehicle accident, number of passengers \_\_\_\_\_

Name: \_\_\_\_\_

Driver:  Passenger  Pedestrian Age \_\_\_\_\_ Gender: Male  Female Pedestrian trying to get on/off train? Yes  No Drugs: Yes  No  Undetermined Suicide: Yes  No  Undetermined Alcohol: Yes  No  Undetermined Names of additional injured persons:  
\_\_\_\_\_**VI. Pedestrian Access**Does this section apply? Yes  No Obvious signs of consistent pedestrian trespass? Yes  No 

If yes, describe: \_\_\_\_\_

Pedestrian (not at a crossing) information: Accessing public area? Yes  No 

If yes, describe: \_\_\_\_\_

Deterrents at site, e.g. fence, signs, etc? Yes  No 

If yes, describe: \_\_\_\_\_

Previous collisions at or near site? Yes  No 

If yes, describe: \_\_\_\_\_

**VII. Crossing History**Does this section apply? Yes  No Prior accidents at this crossing? Yes  No 

How many? 7

Dates of prior accidents: 1/23/13, 10/23/07, 10/29/04, 12/23/90, 11/30/88, 5/1/83, 4/14/82Description of prior accidents (e.g., fatalities, injuries, property damage) 3 fatalities and 4 property damage onlyLast inspection date? 8/24/16Defects? Yes  No 

If yes, describe: \_\_\_\_\_

Required to attach most current inventory? Yes  No **VIII. Comments**

Additional comments:

Witness statement indicated victim intentionally stepped out and stood in front of the southbound Amtrak at the Zehnder Rd. crossing.**IX. Attachments**Railroad incident report? Yes  No Local law enforcement report? Yes  No Coroner/medical examiner report? Yes  No Pictures? Yes  No Other (describe):  
\_\_\_\_\_

TR-160070

BNSF Fort Worth - Network Operations Center - **INCIDENT REPORT**

<b>Date:</b> 01/02/16		<b>Time:</b> 1210 CT		<b>MP:</b> 28.47X		<b>D-Code:</b> 161003	
<b>Time &amp; Date Last Revised:</b>				<b>Divn:</b> Northwest			
<b>Subdivision:</b> Seattle		<b>State:</b> WA		<b>County:</b> Pierce			
<b>Line Segment:</b>				51			
<b>Nearest Station:</b>				Sumner, WA			
<b>Nearest Major Terminal (distance/direction):</b>				11 miles north, Tacoma, WA			
<b>Weather Conditions (Temp, wind, precipitation):</b>				NNE 5 mph, Cloudy, 27*			

<b>Injuries or Fatalities?</b>		Trespasser fatally injured	<b>Employee?</b>	
<b>Name:</b>			<b>Craft:</b>	

<b>Symbol:</b>	A-11-1-02	<b>If Yard Job, is it Remote Control Operation (RCO)?</b>	
<b>Lead Locos:</b>	AMTK 510, AMTK 174	<b>L-E-T-F:</b>	12-0-869-1300'
<b>DP Locos:</b>	None	<b>Direction:</b>	South
<b>Did Lead locomotive have Ditch Lites?</b>		<b>Were Ditch Lite's operating?</b>	
<b>Speed:</b>	70 MPH	<b>Maximum Authorized Speed:</b>	70 MPH
<b>Train Crew's Origin / Destination:</b>		Seattle/ Portland	
<b>Conductor:</b>	AT Clubb	<b>Engineer:</b>	T Matlock
<b>Prior Rest</b>		<b>Prior Rest</b>	
<b>On Duty Time/Date:</b>	0820 CT/02	<b>On Duty Location:</b>	Seattle, WA
<b>Crew Interviewed by:</b>	TM Keith Quimby		
<b>Event Recorder/Camera:</b>	AMTRAK officers		

Locomotives video equipped?											
Lead Locos	Y/N		Y/N		Y/N		Y/N		Y/N		Y/N
AMTK 510	Y	AMTK 174	Y								

<b>Crossing Name:</b>	Zehnder Street	<b>DOT Number:</b>	085680H
<b>Equipped with:</b>	Gates, bells, and flashers	<b>Functioning?</b>	
<b>Vehicle Direction:</b>		<b>Vehicle Description:</b>	
<b>Law Enforcement Agency:</b>	Sumner Police	<b>Citations ?</b>	

<b>Haz Material ?</b>		<b>Release (Y/N):</b>		<b># Cars, Amount:</b>	
<b>Commodity:</b>					

<b>Derailed Locomotives / Cars:</b>				
<b>Init. Number:</b>	<b>Line:</b>	<b>Position (upright?):</b>	<b>Contents:</b>	<b>Disposition:</b>
<b>Heavy equipment ordered:</b>				
<b>Equip. ETA:</b>		<b>Equipment Arrived:</b>		<b>Equipment Released:</b>

<b>Main Blocked?</b>	Yes, both mains	<b>Estimated Reopen:</b>	1600-CT	<b>Actual Reopen:</b>	MT2: 1530-CT MT1: 1645-CT
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**Estimated Damages and Costs:**

\$		<b>Track</b>	Track, Track Structures, and Roadbed Damages.
\$		<b>Signal</b>	
\$		<b>"Other"</b>	Adjacent buildings, other private property, etc.
\$		<b>Car Damages</b>	Car damage, incl. flat cars but excluding their trailers/containers and contents.
\$		<b>Locomotive Damages</b>	
\$	0	<b>FRA Reportable Subtotal</b>	2015 FRA Reportable \$10,500

\$		<b>Contractor Expense</b>	Rerailing & clearing expenses only. Do not include environmental cleanup, air monitoring, etc.
\$		<b>Estimated Lading Recovery Costs</b>	Source is usually Damage Prevention/LARS. This figure includes trucking charges and site remediation charges.
\$		<b>Prelim. Lading Loss Estimates</b>	Railcar/Trailer/Container <b>Contents ONLY</b>
		<b>Trailer/Container Damages</b>	Excludes contents. (Mktg-Equip Mtce Team - Evita Murdock)
\$	0	<b>Not FRA Reportable Subtotal</b>	
\$	0	<b>Estimated Grand Total</b>	(FRA Reportable Subtotal + Not FRA Reportable Subtotal)

<b>Cause Code:</b>		<b>Description:</b>	
<b>Cause: Which Car / Locomotive, etc.?</b>			

**Brief Narrative of Incident:**

1210 CT: NWE Div: Seattle Sub: Sumner WA: Amtrak A11 southbound on M1 reports struck Trespasser at MP 28.02X. Extent of injury to trespasser unknown. A11 currently the only train impacted with 8 other trains projected through the area by 1700 CT. (3 Amtrak, 3 BNSF, 2 UPRR).

1235-CT Confirmed trespasser was fatally injured.

1430-CT Track inspection complete. Fire department cleaning up scene. Medical examiner en route ETA 30 mins. Estimated 45 mins to release AMTK (relief crew on board). Estimate ETO of main lines 90 mins.

1530-CT AMTK 11 on the move 1515-CT. MT2 open.

1558-CT update from Dave Hill - AGST: MT2 - returned to service, MT1 expected to be returned shortly.

1646 CT update from Keith Quimby - Trainmaster: Main track one is now open.

**Post Accident Testing (FRA):**

<b>Did this incident meet FRA Post Accident Testing criteria?</b>		
<b>If the incident analysis indicates the need for FRA Testing, Contact MEH Dept</b> so they can work with the field officer in charge of the testing to insure proper process is followed. (817) 352-1648 during normal business hours. (817) 352-1613 After hours, weekends and holidays. If no answer, then page Dustin Foster or Chris Kowalkowski via Blackberry.		
<b>Did the AGST agree with the above analysis?</b>		
<b>Was the Mgr. Dispatching Practices and Rules notified?</b>		
<b>Was the Shipping Box checked prior to use/shipment?</b>		
<b>Were the vials checked to insure they have not expired?</b>		
<b>Was the train crew tested?</b>		<b>Which BNSF Mgr took crew for test?</b>
<b>Was the Dispatcher tested?</b>		<b>Which BNSF Mgr took Dispr for test?</b>

<b>Notifications:</b>																											
<b>Time:</b>	<b>Entity:</b>	<b>Person Notified:</b>	<b>Reminders:</b>																								
1210-CT	<b>Service Interruption:</b>	sly, by Centralia North DS	<b>Include who notified SID.</b>																								
1210-CT	<b>Resource Operations:</b>	Spc Agt Hatter, by others																									
	<b>Cust. Solutions: 593-4670</b> Outlook Mail: Desk, CNS Cust. Support: 234-1135 Outlook Mail: CSESDesk		<b>Notify them of all derailments, collisions, or shipment damages.</b>  <b>Cust Support works 5pm-5am on weekdays and all shifts weekends.</b>																								
Yes	<b>Trainmaster:</b>	Keith Quimby, by others	<b>Get ETA, check Cell number.</b>																								
	<b>Road Foreman Engines:</b>																										
1246-CT	<b>Signal Desk: 593 - 5998</b>	Tyson, by SID	<b>Signal Logs, TWD Logs.</b>																								
	<b>M/W Desk: 593-6823/1</b>		<b>Last track insp, last B-9 insp.</b>																								
	<b>Mechanical Desk:</b>		<b>Emergency car desk 593-9128</b>																								
	<b>Corridor Supt:</b>	Dan Clark, copy of this report																									
1211-CT	<b>GST/AGST:</b>	Dave Hill, by SID																									
1226-CT	<b>Divn Supt Operations:</b>	Roland Hackney, by SID																									
	<b>Divn General Manager:</b>	Jared Wootton, copy of this report																									
	<b>Divn GDT:</b>	JASON MOYER, copy of this report																									
	<b>Manager Dispatching Practices &amp; Rules: 352-1312</b>		<b>Tape recordings, including SID and ROC, when appropriate.</b>																								
	<b>Superintendent Operating Practices</b> (All have Blackberry)	Mike Surina. Copy of this report	<table border="0"> <tr> <td>California, L.A.</td> <td>Coleman, Herbert T</td> </tr> <tr> <td>Chicago</td> <td>Wazny, William A</td> </tr> <tr> <td>Gulf, Texas</td> <td>Cleveland, Scott M</td> </tr> <tr> <td>Kansas</td> <td>Valencia, Randy J</td> </tr> <tr> <td>Montana</td> <td>Mizelle, Nicholas O</td> </tr> <tr> <td>Nebraska</td> <td>Cook, Michael S.</td> </tr> <tr> <td>Northwest</td> <td>Surina, Mike I</td> </tr> <tr> <td>Powder River North</td> <td>Erickson, Tony A</td> </tr> <tr> <td>Powder River South</td> <td>Percival, Everett E</td> </tr> <tr> <td>Southwest</td> <td>Strot, Ben K</td> </tr> <tr> <td>Springfield</td> <td>Ferris, Ed</td> </tr> <tr> <td>Twin Cities</td> <td>Lund, Michael E</td> </tr> </table>	California, L.A.	Coleman, Herbert T	Chicago	Wazny, William A	Gulf, Texas	Cleveland, Scott M	Kansas	Valencia, Randy J	Montana	Mizelle, Nicholas O	Nebraska	Cook, Michael S.	Northwest	Surina, Mike I	Powder River North	Erickson, Tony A	Powder River South	Percival, Everett E	Southwest	Strot, Ben K	Springfield	Ferris, Ed	Twin Cities	Lund, Michael E
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	<b>The following group list is for the following departments:</b>  <b>Safety, Law, Rules, Transportation Support, Rules and field Support, Corporate Relations, Government Affairs, and Evidence Preservation</b>  <b>Major event group page list (Not MIIP)</b>  <b>(It is located with the SID Locomotive group lists)</b>		<b>Page for the following events:</b>  <b>1. Major derailments or train collisions.</b>  <b>2. Derailments or collisions with evacuations, explosions, or involving crude oil trains.</b>  <b>3. Major Hazardous Incidents</b>  <b>4. Employee Fatalities, life threatening injuries, or amputations.</b>																								
	<b>Conference Calls:</b>		<b>If Conf Call is being established:</b> (1) Notify: NOC Mechanical Desk (2) Notify: NOC M/W Desk (3) Notify: ROC																								
	<b>Hazardous Incidents:</b> <b>Contact East/West On-call mgrs.</b> <b>If California, notify CUPA.</b>		<b>Page for all Hazardous Incidents:</b> <b>Pat Brady, Piper, Justin, Reid, Clay D, Howard Horn, David C Clark, John D. Lovenburg, Allen Stegman, Laura Fiffick</b>																								
	<b>ChemTrec (USA)</b> <b>800-424-9300</b>  <b>CanuTec (Canada)</b> <b>1-888-226-8832 or</b> <b>613-996-6666</b>		<b>Call whenever Haz Matl car involved in derailment or damaged; whether leaking or not.</b>  <b>Run TSS: WBCOPY &amp; HAZ &amp; EXCR</b>																								

1232-CT	<b>NRC: (#1)</b> <b>800 – 424 – 8802</b> <i>(Initial SID Analysis)</i> Reasons for notifying them now include for <i>significant</i> violence or threats of violence against people or property (02-07-01). <b>NRC: (#2)</b> <b>800 – 424 – 8802</b>	P.O. Ganther 11 37124	<b>Obtain their Report Number and name of person who took the report.</b>  <i>This block is for the Initial SID analysis. If initially "not reportable" and later becomes "reportable," use next block.</i>
1239-CT	<b>State:</b>	WA Emergency Management-Jim. Incident 16-0018 and email report to <a href="mailto:LHalstea@utc.wa.gov">LHalstea@utc.wa.gov</a>	
	<b>California - CUPA</b>		
	<b>Foreign Railroad:</b>		
	<b>"Go Team"</b> 1. Alpha Page Mark Schulze. 2. Alpha Page team on duty.		<b>Contact the "Team" that's on duty. If approp., also notify Mark Schulze. (To see Team on duty, go to n/SID/SIDBOTH/GOTEAM).</b>
1212-CT 1251-CT	<b>Passenger Svcs: 352-2606</b>	Kevin Berry, by SID Wessler and Depler paged by SID	If incident involves passenger train route, Page to: Rich Wessler, Rick Depler.
	<b>State Corporate Relations:</b>	Melonas, Lane, Wallace. Copy of this report	<b>Notify of all significant Incidents:</b> <b>Gus Melonas, Ross Lane, and Courtney Wallace:</b> BC, ID, OR, WA <b>Matt Jones:</b> MT, WY <b>Joe Faust:</b> AL, AR, LA, MS, TN, TX <b>Lena Kent:</b> AZ, CA <b>Amy McBeth:</b> MB, MN, ND, SD, WI <b>Andy Williams:</b> KS, MO, NE, IL, KY, IA <b>Joe Sloan:</b> CO, OK, NM, UT, NV
	<b>Energy Desk:</b>		Notify Energy desk of any crude oil train derailments: <b>OPR DL Energy Desk managers or call 817-8670021</b>



Sight distance looking North 1500'



Signal distance looking South 1.500





Crossing surface looking West down Zehnder St.



Crossing surface looking East toward Wood Ave.



Sight distance looking North-1500

Point of impact



Deceased Found 50' S of crossing

Sight distance looking South 1500'

UTC Rail Safety Program - Assignment Details - For Assignment 2016.0684

USDOT #	085680H	Last Inspection Date	8/24/2016			
UTC #	1E28.47	Road Name	Zehnder Rd			
Type of Crossing	Public	Section.Township.Range	24.20.04E			
County	Pierce	Latitude	47.20756			
City/Nearest City	Sumner	Longitude	-122.23765			
In City Limits	Yes	Type of Development				
<b>ROADWAY</b>		Road Surface Grades	5	Grade Direction	East	
State Highway	No	Road Surface Grades	2	Grade Direction	West	
Down a Street	No	AADT	2360	AADT Year		
Highway Milepost		% of Trucks Using Crossing	7			
Vehicle Speed	25	Number of School Bus Trips	12			
Road Surface	PAV	WSDOT Region	3			
Road Type	2W	Truck Pullout Lanes	No			
Number of Road Lanes	2	Intersecting Highway	0-75'	75-200'	200-500'	N/A
Road Width	32	Crossing Angle (degree)	0-29	30-59	60-90	
			NW	NE	SW	SE
Sight Distance - Take measurement 6' back from stop line. If no stop line, measure at 25'.			1000	400	1000	500

<b>PASSIVE PROTECTION</b>		N	S	E	W
Advance Warning Signs	Count			1	
Road Markings	Count			1	
Reflective Crossbucks	Count			1	1
Reflective Posts (req. 1/2020)	Count				
Median Barriers	Count				
Stop Lines	Count			1	
Stop Lines	Distance			25	
ENS Signs	Count			1	1
Illuminaries (within 50 ft. of crossing)	1				

Miscellaneous	Device Count	Direction
Multiple Track R15-2	2	Both
Do Not Stop on Tracks R8-8	2	Both

<b>ACTIVE PROTECTION</b>			
Protective Device	Direction	Device Count	Gate Length
Cantilever Mntd - gates & 12" lens		2	20
Four Quadrant Gates	No	# of Flashing Light Pairs	10
Power Off Indicator Light	Yes	Cantilever Lights Over All Traffic Lanes	Yes
# of Bells	1	Traffic Light interconnection/Preemption	
<b>TRAIN SPEEDS</b>	Freight 50	Passenger	79

<b>CHARACTERISTICS</b>			
Crossing Structure		Wayside Horn	No
Crossing Surface	Concrete	Quiet Zone	No
Other Crossing Surface:		Bike Lane	No
# Main Tracks	2	USDOT # Posted	Yes
# Sidings / # Yard Tracks		Railroad Emergency # Posted	Yes <b># 800-832-5452</b>
# Spurs	0	Crossing Width	56
Sidewalk	None	Sidewalk stops at crossing	Sidewalk

**COMMENTS**