

**Bendish, Annette M.**

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**From:** tammy.wagner@dot.gov  
**Sent:** Friday, March 05, 2010 11:21 AM  
**To:** Bendish, Annette M.  
**Subject:** Fraine Barracks Grade Crossing Accident Reports  
**Attachments:** ND BismarkCollision.doc; Fraine Barracks Bismarck ND FRA Incident Reports.pdf

Hi, Ms. Bendish

I testified at the March 1 Public Service Commission hearing in reference to the Fraine Barracks private/public crossing issue. I informed the Commissioners that two incidents had occurred at the Fraine Barracks grade crossing and was requested to provide further information about both vehicle/train incidents. The attached report provides further insight on both crashes that occurred at DOT# 087680P. In addition, I am including the Federal Railroad Administration's accident/incident reporting forms that verify the incidents were reported by BNSF.

If the Public Service Commission needs additional information, please contact me.

Tammy Wagner, Regional Crossing Manager  
Federal Railroad Administration  
200 West Adams Street, Suite 310  
Chicago, IL 60606  
Office: 312-353-6203 Ext. 149  
Cellular: 815-715-6034

Below are two references of a train vehicle collision at a private highway-rail grade crossing DOT 087680P located on the BNSF in North Dakota in County of Burleigh.

The information below was extracted from FRA's public web site at:  
<http://safetydata.fra.dot.gov/officeofsafety/publicsite/Query/gxrprt.aspx>

Selections: Railroad - ALL  
State - NORTH DAKOTA County - All  
Type of Crossing - Public & Private Crossings  
Type of Accidents - All Accidents  
Date Selected - October, 1986

====Accident 2==== RR report YN376 ===== Crossing ID 087680P =====

On Oct 18, 1986 a FREIGHT TRAIN operated by BNSF Rwy Co. [BNSF] was hit by a CAR at approximately 7:50PM in North Dakota in BURLEIGH County on PRIVATE-FRAINE BARRA road. The incident was not in a city or town. The rail equipment was reported to have been traveling at 030 Mph with 2 locomotive(s) and 117 cars(s). The CAR had been traveling in a northerly direction at 020 Mph.

The railroad was operating on main line track over a private road crossing. The CAR hit the 001 locomotive or rail car on the crossing. It was cloudy, at dusk and the temperature was 50. There were no reported deaths or injuries. The highway user was moving on the crossing and was reported to have (unknown). There were 1 occupant(s) in the vehicle. The view of the track was not obstructed. Hazardous material was not being transported by rail or highway vehicle.

The crossing was protected by:  
Crossbucks

Selections: Railroad - ALL  
State - NORTH DAKOTA County - All  
Type of Crossing - Public & Private Crossings  
Type of Accidents - All Accidents  
Date Selected - November, 1998

====Accident 3==== RR report DK1198201 ===== Crossing ID 087680P =====

On Nov 22, 1998 a FREIGHT TRAIN operated by BNSF Rwy Co. [BNSF] hit a PICKUP TRUCK at approximately 2:25AM in North Dakota in BURLEIGH County on FRAME BARRICKS road. The incident was not in a city or town. The rail equipment was reported to have been traveling at 008 Mph with 3 locomotive(s) and 114 cars(s). The PICKUP TRUCK had been traveling in a northerly direction.

The railroad was operating on main line track over a public road crossing. It was clear, at night and the temperature was 30. There were no reported deaths or injuries. The 18 year old female driver was stalled on the crossing and was reported to have stopped on crossing. There were 0 occupant(s) in the vehicle. The view of the track was not obstructed. Hazardous material was not being transported by rail or highway vehicle.

The crossing was protected by:  
Bells (audible), Crossbucks

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HIGHWAY-RAIL GRADE CROSSING

ACCIDENT/INCIDENT REPORT

DEPARTMENT OF TRANSPORTATION  
FEDERAL RAILROAD ADMINISTRATION (FRA)

OMB Approval No. 2130-0500

Name Of				Alphabetic Code	RR Accident/Incident No.
1. Reporting Railroad <b>BNSF Rwy Co. [BNSF]</b>				1a. <b>BNSF</b>	1b. <b>DK1198201</b>
2. Other Railroad Involved in Train Accident/Incident				2a.	2b.
3. Railroad Responsible for Track Maintenance <b>BNSF Rwy Co. [BNSF]</b>				3a. <b>BNSF</b>	3b. <b>DK1198201</b>
4. U.S. DOT-AAR Grade Crossing ID No. <b>087680P</b>		5. Date of Accident/Incident <b>11/22/98</b>		6. Time of Accident/Incident <b>02:25 AM</b>	
7. Nearest Railroad Station <b>BISMARCK</b>		8. Division <b>DAKOTA</b>		9. County <b>BURLEIGH</b>	
				10. State Code Abbr. <b>38</b>   <b>ND</b>	
11. City (if in a city)		12. Highway Name or No. <b>FRAME BARRICKS</b>		<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private	
Highway User Involved			Rail Equipment Involved		
13. Type C. Truck-trailer F. Bus J. Other Motor Vehicle A. Auto D. Pick-up truck G. School Bus K. Pedestrian B. Truck E. Van H. Motorcycle M. Other (specify) Code <b>D</b>			17. Equipment 1. Train (units pulling) 4. Car(s) (moving) 8. Other (specify) 2. Train (units pushing) 5. Car(s) (standing) A. Train pulling- RCL 3. Train (standing) 7. Light loco(s) (standing) B. Train pushing- RCL Code <b>1</b>		
14. Vehicle Speed (est. mph at impact) <b>0</b>		15. Direction (geographical) 1. North 2. South 3. East 4. West Code <b>1</b>		18. Position of Car Unit in Train <b>1</b>	
16. Position 1. Stalled on crossing 3. Moving over crossing 2. Stopped on Crossing 4. Trapped Code <b>1</b>			19. Circumstance 1. Rail equipment struck highway user 2. Rail equipment struck by highway user Code <b>1</b>		
20a. Was the highway user and/or rail equipment involved in the impact transporting hazardous materials? 1. Highway User 2. Rail Equipment 3. Both 4. Neither Code <b>4</b>			20b. Was there a hazardous materials release by 1. Highway User 2. Rail Equipment 3. Both 4. Neither Code <b>4</b>		
20c. State the name and quantity of the hazardous materials released, if any					
21. Temperature (specify if minus) <b>30 °F</b>		22. Visibility (single entry) 1. Dawn 2. Day 3. Dusk 4. Dark Code <b>4</b>		23. Weather (single entry) 1. Clear 2. Cloudy 3. Rain 4. Fog 5. Sleet 6. Snow Code <b>1</b>	
24. Type of Equipment Consist 1. Freight train 4. Work train 7. Yard/Switching (single entry) 2. Passenger train 5. Single car 8. Light loco(s) 3. Commuter train 6. Cut of cars 9. Main./inspect. Code <b>1</b>			25. Track Type Used by Rail Equipment Involved 1. Main 2. Yard 3. Siding 4. Industry Code <b>1</b>		26. Track Number or Name <b>MAIN</b>
27. FRA Track Class <b>3</b>	28. Number of Locomotive Units <b>3</b>	29. Number of Cars <b>114</b>	30. Consist Speed (Recorded if available) R. Recorded E. Estimated <b>8</b> mph Code <b>E</b>		31. Time Table Direction 1. North 2. South 3. East 4. West Code <b>3</b>
32. Type of Crossing 1. Gates 4. Wig wags 7. Crossbucks 10. Flagged by crew 2. Cantilever FLS 5. Hwy. traffic signals 8. Stop signs 11. Other (specify) Warning 3. Standard FLS 6. Audible 9. Watchman 12. None			33. Signaled Crossing Warning <b>20 sec warn min (1);</b>		34. Whistle Ban 1. Yes 2. No 3. Unknown Code <b>3</b>
Code(s) <b>06 07</b>		35. Location of Warning 1. Both Sides 2. Side of Vehicle Approach 3. Opposite Side of Vehicle Approach Code <b>1</b>		36. Crossing Warning with Highway Signals 1. Yes 2. No 3. Unknown Code <b>3</b>	
37. Crossing Illuminated by Street Lights or Special Lights 1. Yes 2. No 3. Unknown Code <b>2</b>		38. Driver's Age <b>18</b>		39. Driver's Gender 1. Male 2. Female Code <b>2</b>	
40. Driver Drove Behind or in Front of Train and Struck or was Struck by Second Train 1. Yes 2. No 3. Unknown Code <b>2</b>		41. Driver 1. Drove around or thru the gate 4. Stopped on crossing 2. Stopped and then proceeded 5. Other (specify) 3. Did not stop Code <b>4</b>			
42. Driver Passed Standing Highway Vehicle 1. Yes 2. No 3. Unknown Code <b>2</b>		43. View of Track Obscured by (primary obstruction) 1. Permanent Structure 3. Passing Train 5. Vegetation 7. Other (specify) 2. Standing railroad equipment 4. Topography 6. Highway Vehicles 8. Not Obstructed Code <b>8</b>			
Casualties to:		Killed		Injured	
				44. Driver was 1. Killed 2. Injured 3. Uninjured Code <b>3</b>	
45. Was Driver in the Vehicle? 1. Yes 2. No Code <b>2</b>		46. Highway-Rail Crossing Users <b>0</b>		47. Highway Vehicle Property Damage (est. dollar damage) <b>\$5,000</b>	
48. Total Number of Highway-Rail Crossing Users (include driver) <b>0</b>		49. Railroad Employees <b>0</b>		50. Total Number of People on Train (include passengers and crew) <b>2</b>	
51. Is a Rail Equipment Accident / Incident Report Being Filed 1. Yes 2. No Code <b>2</b>		52. Passengers on Train <b>0</b>		53a. Special Study Block	
				53b. Special Study Block	
54. Narrative Description					
55. Typed Name and Title		56. Signature			57. Date

HIGHWAY-RAIL GRADE CROSSING

ACCIDENT/INCIDENT REPORT

DEPARTMENT OF TRANSPORTATION  
FEDERAL RAILROAD ADMINISTRATION (FRA)

OMB Approval No. 2130-0500

Name Of		Alphabetic Code	RR Accident/Incident No.
1. Reporting Railroad <b>Burlington Northern RR Co. [BN ]</b>		1a. <b>BN</b>	1b. <b>YN376</b>
2. Other Railroad Involved in Train Accident/Incident		2a.	2b.
3. Railroad Responsible for Track Maintenance <b>Burlington Northern RR Co. [BN ]</b>		3a. <b>BN</b>	3b. <b>YN376</b>
4. U.S. DOT-AAR Grade Crossing ID No. <b>087680P</b>		5. Date of Accident/Incident <b>10/18/86</b>	6. Time of Accident/Incident <b>07:50 PM</b>
7. Nearest Railroad Station <b>BISMARCK</b>	8. Division	9. County <b>BURLEIGH</b>	10. State Code Abbr. <b>38</b>   <b>ND</b>
11. City (if in a city)	12. Highway Name or No. <b>PRIVATE-FRAINE BARRA</b>		<input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
Highway User Involved		Rail Equipment Involved	
13. Type A. Auto D. Pick-up truck G. School Bus K. Pedestrian B. Truck E. Van H. Motorcycle M. Other (specify) Code <b>A</b>		17. Equipment 1. Train (units pulling) 4. Car(s) (moving) 8. Other (specify) 2. Train (units pushing) 5. Car(s) (standing) A. Train pulling- RCL 3. Train (standing) 7. Light loco(s) (standing) B. Train pushing- RCL Code <b>1</b>	
14. Vehicle Speed (est. mph at impact) <b>20</b>	15. Direction (geographical) 1. North 2. South 3. East 4. West Code <b>1</b>	18. Position of Car Unit in Train <b>1</b>	
16. Position 1. Stalled on crossing 3. Moving over crossing 2. Stopped on Crossing 4. Trapped Code <b>3</b>		19. Circumstance 1. Rail equipment struck highway user 2. Rail equipment struck by highway user Code <b>2</b>	
20a. Was the highway user and/or rail equipment involved in the impact transporting hazardous materials? 1. Highway User 2. Rail Equipment 3. Both 4. Neither Code <b>4</b>		20b. Was there a hazardous materials release by 1. Highway User 2. Rail Equipment 3. Both 4. Neither Code	
20c. State the name and quantity of the hazardous materials released, if any			
21. Temperature (specify if minus) <b>50 °F</b>	22. Visibility (single entry) 1. Dawn 2. Day 3. Dusk 4. Dark Code <b>3</b>	23. Weather (single entry) 1. Clear 2. Cloudy 3. Rain 4. Fog 5. Sleet 6. Snow Code <b>2</b>	
24. Type of Equipment Consist 1. Freight train 4. Work train 7. Yard/Switching (single entry) 2. Passenger train 5. Single car 8. Light loco(s) 3. Commuter train 6. Cut of cars 9. Main./inspect. Code <b>1</b>		25. Track Type Used by Rail Equipment Involved 1. Main 2. Yard 3. Siding 4. Industry Code <b>1</b>	26. Track Number or Name <b>SINGLE MAIN TRACK</b>
27. FRA Track Class <b>3</b>	28. Number of Locomotive Units <b>2</b>	29. Number of Cars <b>117</b>	30. Consist Speed (Recorded if available) R. Recorded <b>30</b> mph E. Estimated Code <b>E</b>
32. Type of Crossing 1. Gates 4. Wig wags 7. Crossbucks 10. Flagged by crew 2. Cantilever FLS 5. Hwy. traffic signals 8. Stop signs 11. Other (specify) Warning 3. Standard FLS 6. Audible 9. Watchman 12. None Code(s) <b>07</b>		33. Signaled Crossing Warning	34. Whistle Ban 1. Yes 2. No 3. Unknown Code
35. Location of Warning 1. Both Sides 2. Side of Vehicle Approach 3. Opposite Side of Vehicle Approach Code <b>2</b>		36. Crossing Warning with Highway Signals 1. Yes 2. No 3. Unknown Code <b>3</b>	37. Crossing Illuminated by Street Lights or Special Lights 1. Yes 2. No 3. Unknown Code <b>2</b>
38. Driver's Age	39. Driver's Gender 1. Male 2. Female Code	40. Driver Drove Behind or in Front of Train and Struck or was Struck by Second Train 1. Yes 2. No 3. Unknown Code <b>2</b>	41. Driver 1. Drove around or thru the gate 4. Stopped on crossing 2. Stopped and then proceeded 5. Other (specify) 3. Did not stop Code <b>5</b>
42. Driver Passed Standing Highway Vehicle 1. Yes 2. No 3. Unknown Code <b>3</b>		43. View of Track Obscured by (primary obstruction) 1. Permanent Structure 3. Passing Train 5. Vegetation 7. Other (specify) 2. Standing railroad equipment 4. Topography 6. Highway Vehicles 8. Not Obstructed Code <b>8</b>	
Casualties to:		Killed	Injured
46. Highway-Rail Crossing Users <b>0</b>		<b>0</b>	44. Driver was 1. Killed 2. Injured 3. Uninjured Code <b>3</b>
49. Railroad Employees <b>0</b>		<b>0</b>	45. Was Driver in the Vehicle? 1. Yes 2. No Code <b>1</b>
52. Passengers on Train <b>0</b>		<b>0</b>	47. Highway Vehicle Property Damage (est. dollar damage) <b>\$2,500</b>
53a. Special Study Block		53b. Special Study Block	
54. Narrative Description			
55. Typed Name and Title		56. Signature	
		57. Date	