

Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 470.30 - 470.30 Location: 470.30 County: FALL RIVER Employee's Name: Samuel Whitney **Asset ID:** BABL11M **Test Date:** 07/17/2016 **State:** SD

PARS Number: SMTR0494

Conditions Master Key

- C $\$ = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B $\,$ = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	С	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 470.30 - 470.30 Location: 470.30 County: FALL RIVER Employee's Name: Samuel Whitney

Asset ID: BABL11M **Test Date:** 08/12/2016 **State:** SD

PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	С	



Inspection Report Grounds Tests & Inspections

Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 470.30 - 470.30 Location: 470.30 County: FALL RIVER Employee's Name: Samuel Whitney **Asset ID:** BABL11M **Test Date:** 11/07/2016 **State:** SD

PARS Number: SMTR0494

Conditions Master Key

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- CO = Compliant
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- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	С	

EXAMPLE 1 Inspection Report - Switch Tests	& Inspections
Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 06/14/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	completed, and condition left in compliance.

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	С	
Obstruct Lock Rod - REVERSE (FRA 236.382)	С	

BNSF 1.... enaction Report - Switch Tests & Inspections

RAILWAY Inspection Report - Switch Tests	s & Inspections
Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 07/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, ar R = Repairs and/or Replacements made (identified in associated comments), te B = Baseline data matches that recorded during the most recent Baseline test G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	est completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

BNSF 1.... enaction Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

A R B

Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

BNSF

- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests		
Test Description & Rule	Condition Left	
Circuit Controller Points - NORMAL (FRA 236.103)	С	
Circuit Controller Points - REVERSE (FRA 236.103)	С	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С	
Timing (SI 4.2)	N	

RAILWAY Inspection Report - Switch Tests	& Inspections
Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	t completed, and condition left in compliance.

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	C	
Obstruct Lock Rod - REVERSE (FRA 236.382)	C	

BNSF 1.... enaction Report - Switch Tests & Inspections

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 09/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, an R = Repairs and/or Replacements made (identified in associated comments), te B = Baseline data matches that recorded during the most recent Baseline test G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	est completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

BNSF Inspection Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 10/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant

- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

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RAILWAY Inspection Report - Switch Test	s & Inspections
Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 11/02/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline tes G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant CC = Not compliant P = Pass F = Fail</pre>	est completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

BNSF Inspection Report - Switch Tests & Inspections

RAILWAY Inspection Report - Switch Test	is & inspections
Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 11/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant CC = Not compliant P = Pass F = Fail</pre>	and condition left in compliance. test completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

BNSF Inspection Report - Switch Tests & Inspections

BNSF Inspection Report - Switch Test	s & Inspections
Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 12/27/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline tes	est completed, and condition left in compliance.

NI = No Inspection Required. CO = Compliant NC = Not compliant

G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable.

P F

= Pass = Fail

Monthly Tests Condition Left Test Description & Rule Obstruct Lock Rod - NORMAL (FRA 236.382) А Lock rod slightly out of adjutment. Adjusted and tested ok, Obstruct Lock Rod - REVERSE (FRA 236.382) А Lock rod slightly out of adjustment. Adjusted and tested ok.

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	Ν

Division: POWDER RIVER	Asset ID: BACA6DM
Subdivision: BUTTE	Test Date: 12/30/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 A Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.

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 N = Test Not Applicable.
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- = Pass = Fail
- P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	A
Pd sensor out of adjustment. Adjusted and tested ok.	
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT

Page 1 of 1

Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 06/21/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

- a = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 07/18/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline test C = Coverned by Special Instruction	est completed, and condition left in compliance.

Test Description & Rule

BNSF

NI = No Inspection Required. CO = Compliant NC = Not compliant

P F

= Pass = Fail

G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable.

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

Condition Left

С

RAILWAY INSPECTION Report - Switch Test	is a inspections
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.	

Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 Baseline data matches that recorded during the most recent Baseline test, so full test not required.

A R B

- Baseline data matches that records during the m
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 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant

- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

BNSF Inspection Report - Switch Tests & Inspections

RAILWAY INSPECTION Report - Switch Tes	
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 08/11/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
$\frac{Conditions Master Key}{C} = Test completed, no exceptions found, and condition left in compliance.$	

A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
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- P F
- = Pass = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	A
Point detector sensor slightly too tight. Adjusted and tested ok.	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT

BNSF Inspection Report - Switch Tests & Inspections

BNSF Inspection Report - Switch Test	s & Inspections
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 08/23/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline tes C = Compared by Special Instruction	est completed, and condition left in compliance.

Condition Left

С

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NI = No Inspection Required. CO = Compliant NC = Not compliant

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P F

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Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

Test Description & Rule

BNSF Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 08/23/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.	

- Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 Baseline data matches that recorded during the most recent Baseline test, so full test not required.
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- Baseline data matches that records during the m
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- NI = No Inspection Required. CO = Compliant NC = Not compliant

- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	NT
Obstruct Lock Rod - REVERSE (FRA 236.382)	NT

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT

BNSF Inspection Report - Switch Test	ts & Inspections
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 09/09/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline te C = Compressional Instructions	and condition left in compliance. test completed, and condition left in compliance.

Condition Left

С

С

NI = No Inspection Required. CO = Compliant NC = Not compliant

= Pass = Fail

P F

G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable.

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

Test Description & Rule

RAILWAY INSPECTION Report - Switch Test	is a inspections
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 10/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.	

- Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 Baseline data matches that recorded during the most recent Baseline test, so full test not required.
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 G = Governed by Special Instruction
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- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

BNSF Inspection Report - Switch Tests & Inspections

BNSF Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 10/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline te C = Compressional Instruction	and condition left in compliance. test completed, and condition left in compliance.

Report ID: 04631305 Report Form Type: 30d Switch

Condition Left

С

С

NI = No Inspection Required. CO = Compliant NC = Not compliant

= Pass = Fail

P F

G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable.

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

Test Description & Rule

BNSF Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 11/22/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline test C = Compared by Special Instruction	cest completed, and condition left in compliance.

NI = No Inspection Required. CO = Compliant NC = Not compliant

P F

= Pass = Fail

G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable.

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

Test Description & Rule

Condition Left

С

BNSF Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 12/20/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.	

- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant

- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	A
PD sensor out of adjustment. Adjusted and tested ok.	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

BNSF Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA56C
Subdivision: BUTTE	Test Date: 01/04/2017
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 BF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline to C = Governed by Special Instruction	and condition left in compliance. test completed, and condition left in compliance.

Condition Left

С

С

NI = No Inspection Required. CO = Compliant NC = Not compliant

= Pass = Fail

P F

G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

Test Description & Rule

BNSF RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 06/21/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, G = Governed by Special Instruction	t completed, and condition left in compliance.

Test Description & Rule

G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

NI = No Inspection Required. CO = Compliant NC = Not compliant

= Pass = Fail

P F

Condition Left

С

BNSF RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 07/18/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, an R = Repairs and/or Replacements made (identified in associated comments), to B = Baseline data matches that recorded during the most recent Baseline test G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	est completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 Baseline data matches that recorded during the most recent Baseline test, so full test not required.

A R B

- Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

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- NI = No Inspection Required. CO = Compliant NC = Not compliant

- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 08/11/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

- a = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

- NI = No Inspection Required. CO = Compliant NC = Not compliant

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- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT

BNSF RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 08/23/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and c R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, s G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

BNSF Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 09/09/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline t G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required.	and condition left in compliance. test completed, and condition left in compliance.

Test Description & Rule

NI = No Inspection Required. CO = Compliant NC = Not compliant

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

= Pass = Fail

P F

Condition Left

С

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 10/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

A R B Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

BNSF

- NI = No Inspection Required. CO = Compliant NC = Not compliant

- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

BNSF RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 10/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline to G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required.</pre>	and condition left in compliance. test completed, and condition left in compliance.

Test Description & Rule

NI = No Inspection Required. CO = Compliant NC = Not compliant

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

= Pass = Fail

P F

Condition Left

С

BNSF Inspection Report - Switch Test	s & Inspections
Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 11/22/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline tes G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required.	test completed, and condition left in compliance.

Test Description & Rule

NI = No Inspection Required. CO = Compliant NC = Not compliant

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

= Pass = Fail

P F

Condition Left

С

Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 12/20/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

- Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- A R B

- Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

BNSF

- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

BNSF Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA57J
Subdivision: BUTTE	Test Date: 01/04/2017
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1 B Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline te G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required.	and condition left in compliance. test completed, and condition left in compliance.

Test Description & Rule

BNSF

NI = No Inspection Required. CO = Compliant NC = Not compliant

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

= Pass = Fail

P F

Condition Left

С



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 472.20 - 472.20 Location: C.P. 472.20 County: FALL RIVER Employee's Name: Samuel Whitney Asset ID: BACDGAF Test Date: 06/23/2016 State: SD

PARS Number: SMTR0494

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)			
Bus Nomenclature	Condition Left	Non-Compliant Voltage	
1B12	С		
B110	С		



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 472.20 - 472.20 Location: C.P. 472.20 County: FALL RIVER Employee's Name: Samuel Whitney Asset ID: BACDGAF Test Date: 07/17/2016 State: SD

PARS Number: SMTR0494

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- $N\!T$ $\,$ = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)			
Bus Nomenclature	Condition Left	Non-Compliant Voltage	
1B12	С		
B110	С		



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 472.20 - 472.20 Location: C.P. 472.20 County: FALL RIVER Employee's Name: Samuel Whitney Asset ID: BACDGAF Test Date: 08/29/2016 State: SD

PARS Number: SMTR0494

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)			
Bus Nomenclature	Condition Left	Non-Compliant Voltage	
1B12	С		
B110	С		



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 472.20 - 472.20 Location: C.P. 472.20 County: FALL RIVER Employee's Name: Samuel Whitney Asset ID: BACDGAF Test Date: 11/18/2016 State: SD

PARS Number: SMTR0494

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- $N\!T$ $\,$ = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)			
Bus Nomenclature	Condition Left	Non-Compliant Voltage	
1B12	С		
B110	С		

RAILWAY **Division:** POWDER RIVER BACDGAF Asset ID: Subdivision: BUTTE **Test Date:** 08/18/2016 Milepost (with Line Segment): 4 472.20 - 472.20 State: SD Location / Highway Name: C.P. 472.20 County: FALL RIVER **Employee's Name:** Robin Freeze (rfreeze) PARS Number: SINS0167 Conditions Master Key

 = Test completed, no exceptions found, and condition left in compliance.
 = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 = Baseline data matches that recorded during the most recent Baseline test, so full test not required. A R

в

Governed by Special Instruction G

NT = The equipment was not tested in this inspection. N = Test Not Applicable.

NI = No Inspection Required.

CO = Compliant NC = Not compliant

P = Pass F = Fail

NOTE: Entry of results of tests indicates for approach locking that all track sections in approach are effective, and for time locking each time locking circuit is effective.

Locking Tests							
Route Nomenclature	Date Tested	Mechanical (FRA 236.376)	Approach (FRA 236.377)	Time (FRA 236.378)	Route (FRA 236.379)	Indication (FRA 236.380)	Traffic (FRA 236.381)
Baseline Data Condition Left:	_	•					
Did you verify input/output circuits to/from the p							
Did you verify configuration settings checksum and cre	c are set per l	the pri	nt? Ye	es			
1EA-2BF.N-2B.N-1B.N-1BF.N-1WA		NI	NI	NI	NI	NI	NI
1EB-2BF.N-2B.N-1B.R-1BF.R-1AF.R-1A.R-2WB		NI	NI	NI	NI	NI	NI
1WA-1BF.N-1B.N-2B.N-2BF.N-1EA		NI	NI	NI	NI	NI	NI
1WB-1BF.N-1B.N-2B.R-2BF.R-2AF.R-2A.R-2EB		NI	NI	NI	NI	NI	NI
2EA-2A.N-2AF.N-1AF.N-1A.N-2WA		NI	NI	NI	NI	NI	NI
2EB-2A.R-2AF.R-2BF.R-2B.R-1B.N-1BF.N-1WB		NI	NI	NI	NI	NI	NI
2WA-1A.N-1AF.N-2AF.N-2A.N-2EA		NI	NI	NI	NI	NI	NI
2WB-1A.R-1AF.R-1BF.R-1B.R-2B.N-2BF.N-1EB		NI	NI	NI	NI	NI	NI

Inspection Report - Locking Tests & Inspections

RAILWAY Inspection Report - Switch Tests	& Inspections
Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 06/14/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	c completed, and condition left in compliance.

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	C	
Obstruct Lock Rod - REVERSE (FRA 236.382)	С	

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Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 07/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline tes G = Governed by Special Instruction WT = The equipment was not tested in this inspection. WT = Test Not Applicable. WI = No Inspection Required. C = Not compliant C = Not compliant F = Fail</pre>	est completed, and condition left in compliance.

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	C	
Obstruct Lock Rod - REVERSE (FRA 236.382)	C	

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RAILWAY Inspection Report - Switch Test	ts & inspections
Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 07/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline te G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required.	and condition left in compliance. test completed, and condition left in compliance.

- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests		
Test Description & Rule	Condition Left	
Circuit Controller Points - NORMAL (FRA 236.103)	С	
Circuit Controller Points - REVERSE (FRA 236.103)	С	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С	
Timing (SI 4.2)	N	

BNSF ation Donort Π. Switch Tasts & Inspactions

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, A = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline test B = Governed by Special Instruction IT = The equipment was not tested in this inspection. IT = The equipment was not tested in this inspection. IT = Test Not Applicable. II = No Inspection Required. C = Not compliant C = Not compliant D = Pass T = Fail</pre>	and condition left in compliance. test completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 09/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key = Test completed, no exceptions found, and condition left in compliance. = Adjustments made (identified in associated comments), test completed, a = Repairs and/or Replacements made (identified in associated comments), f = Baseline data matches that recorded during the most recent Baseline test = Governed by Special Instruction T = The equipment was not tested in this inspection. I = Test Not Applicable. I = Not Inspection Required. O = Compliant C = Not compliant P = Pass = Fail</pre>	and condition left in compliance. test completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

BNSF Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BACA6BY	
Subdivision: BUTTE	Test Date: 10/06/2016	
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD	
Location / Highway Name: 1AF		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, ar R = Repairs and/or Replacements made (identified in associated comments), te B = Baseline data matches that recorded during the most recent Baseline test G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	est completed, and condition left in compliance.	

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 11/02/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, as R = Repairs and/or Replacements made (identified in associated comments), t. B = Baseline data matches that recorded during the most recent Baseline test G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	est completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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Division: POWDER RIVER	Asset ID: BACA6BY
Subdivision: BUTTE	Test Date: 11/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1AF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

Monthly Tests

Test Description & Rule

Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

NI = No Inspection Required. CO = Compliant NC = Not compliant

= Pass = Fail

P F

Condition Left

С

С

BNSF Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BACA6BY	
Subdivision: BUTTE	Test Date: 12/27/2016	
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD	
Location / Highway Name: 1AF		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline test G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required.	est completed, and condition left in compliance.	

- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail
- P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 06/21/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and completed R = Repairs and/or Replacements made (identified in associated comments), test completed B = Baseline data matches that recorded during the most recent Baseline test, so G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Test Not Applicable. NI = Not Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	ompleted, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

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RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 07/19/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and com R = Repairs and/or Replacements made (identified in associated comments), test co B = Baseline data matches that recorded during the most recent Baseline test, so G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	mpleted, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

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Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

- A R B Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail
- P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

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RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and c R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, s G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 09/09/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), tess B = Baseline data matches that recorded during the most recent Baseline test, G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	t completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 10/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

- A R B Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail
- P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

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RAILWAY Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BACA58R	
Subdivision: BUTTE	Test Date: 10/28/2016	
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD	
Location / Highway Name: 2B		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	completed, and condition left in compliance.	

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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RAILWAY Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BACA58R	
Subdivision: BUTTE	Test Date: 11/22/2016	
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD	
Location / Highway Name: 2B		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and c R = Repairs and/or Replacements made (identified in associated comments), test o B = Baseline data matches that recorded during the most recent Baseline test, s G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Not Applicable. NI = Not Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	completed, and condition left in compliance.	

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 12/20/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

- A R B Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail
- P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

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RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 12/23/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.	

- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	A
Switch not locking up due to ice in points. Pd sensor slightly too tight. Adjusted and tested ok.	
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	NT

BNSF Inspection Report - Switch Tests & Inspections

BNSF RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA58R
Subdivision: BUTTE	Test Date: 01/16/2017
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2B	
County: FALL RIVER	
Employee's Name: Robin Freeze (rfreeze)	PARS Number: SINS0167
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), f B = Baseline data matches that recorded during the most recent Baseline test C = Compressional Instructions	and condition left in compliance. test completed, and condition left in compliance.

Monthly Tests

Test Description & Rule

G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

NI = No Inspection Required. CO = Compliant NC = Not compliant

= Pass = Fail

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Condition Left

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С

RAILWAY Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BACA6AS	
Subdivision: BUTTE	Test Date: 06/14/2016	
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD	
Location / Highway Name: 1A		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required. G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>		

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

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Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BACA6AS	
Subdivision: BUTTE	Test Date: 07/05/2016	
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD	
Location / Highway Name: 1A		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required. G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail		

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

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Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 07/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

- a = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

- N = rest Not Applicable. NI = No Inspection Required. C0 = Compliant NC = Not compliant P = Pass F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

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RAILWAY Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BACA6AS	
Subdivision: BUTTE	Test Date: 08/24/2016	
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD	
Location / Highway Name: 1A		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required. G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail		

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

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Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BACA6AS	
Subdivision: BUTTE	Test Date: 09/07/2016	
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD	
Location / Highway Name: 1A		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required. G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail		

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

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Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 10/06/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

- a = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail
- P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

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EXAMPLE A Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 11/02/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

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EXAMPLE A Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 11/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and co R = Repairs and/or Replacements made (identified in associated comments), test c B = Baseline data matches that recorded during the most recent Baseline test, so G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	ompleted, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

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Division: POWDER RIVER	Asset ID: BACA6AS
Subdivision: BUTTE	Test Date: 12/27/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 1A	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	

C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required. G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. UI = No Inspection Required

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- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 06/21/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and c R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, s G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

BNSF Increation Depart Switch Tests & Increations

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 07/19/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and co R = Repairs and/or Replacements made (identified in associated comments), test co B = Baseline data matches that recorded during the most recent Baseline test, so G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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BNSF Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline tes G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required.	est completed, and condition left in compliance.

- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Not Applicable. NI = Not Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	st completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

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Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 09/09/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline test G = Governed by Special Instruction WT = The equipment was not tested in this inspection. WT = Test Not Applicable. WI = No Inspection Required. CO = Compliant WC = Not compliant P = Pass F = Fail</pre>	test completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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BNSF Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 10/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline tes G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required.	est completed, and condition left in compliance.

- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail
- P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 10/28/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, an R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	est completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 11/22/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant P = Pass F = Fail</pre>	t completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

BNSF Increation Depart Switch Taste & Increations

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 12/20/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.	

- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- Baseline data matches that records during the m
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant

- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

BNSF Inspection Report - Switch Test	ts & Inspections
Division: POWDER RIVER	Asset ID: BACA59X
Subdivision: BUTTE	Test Date: 01/16/2017
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2BF	
County: FALL RIVER	
Employee's Name: Robin Freeze (rfreeze)	PARS Number: SINS0167
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline te G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	and condition left in compliance. test completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 06/14/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and R = Repairs and/or Replacements made (identified in associated comments), test B = Baseline data matches that recorded during the most recent Baseline test, G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	t completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

BNSF 1.... enaction Report - Switch Tests & Inspections

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 07/05/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline te G = Governed by Special Instruction NT = The equipment was not tested in this inspection. NI = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail</pre>	and condition left in compliance. test completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

BNSF 1.... enaction Report - Switch Tests & Inspections

RAILWAY INSPECTION REPORT - SWITCH TES	is a inspections
Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 07/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed,	

- A = Acjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
 VI = No Inspection

- NI = No Inspection Required. CO = Compliant NC = Not compliant

- P = Pass F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 08/24/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, a R = Repairs and/or Replacements made (identified in associated comments), t B = Baseline data matches that recorded during the most recent Baseline tes G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant P = Pass F = Fail</pre>	test completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 09/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline te G = Governed by Special Instruction WT = The equipment was not tested in this inspection. W = Test Not Applicable. WI = No Inspection Required. C = Not compliant C = Not compliant P = Pass F = Fail	and condition left in compliance. test completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

RAILWAY INSPECTION REPORT - OWIGH TESTS & INSPECTIONS	
Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 10/07/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed,	

- A = Acjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

- NI = No Inspection Required. CO = Compliant NC = Not compliant

- P = Pass F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 11/02/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline te G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail	and condition left in compliance. test completed, and condition left in compliance.

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 11/29/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline te G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail	and condition left in compliance. test completed, and condition left in compliance.

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	C	
Obstruct Lock Rod - REVERSE (FRA 236.382)	C	

Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 12/27/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
<pre>Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, R = Repairs and/or Replacements made (identified in associated comments), B = Baseline data matches that recorded during the most recent Baseline te G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. C0 = Compliant NC = Not compliant P = Pass F = Fail</pre>	and condition left in compliance. test completed, and condition left in compliance

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
Lock rod slightly out of adjustment. Adjusted and tested ok.	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
Lock rod slightly out of adjustment. Adjusted and tested ok.	

Quarterly Tests		
Test Description & Rule	Condition Left	
Circuit Controller Points - NORMAL (FRA 236.103)	С	
Circuit Controller Points - REVERSE (FRA 236.103)	A	
Pd sensor out of adjustemnt. Adjusted and tested ok.		
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С	
Timing (SI 4.2)	N	

RAILWAY INSPECTION REPORT - OWIGH TES	ts & mspections
Division: POWDER RIVER	Asset ID: BACA6CF
Subdivision: BUTTE	Test Date: 12/30/2016
Milepost (with Line Segment): 4 472.20 - 472.20	State: SD
Location / Highway Name: 2 AF Machine	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed,	

- A = Acjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
 VI = No Inspection

- NI = No Inspection Required. CO = Compliant NC = Not compliant

- P = Pass F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests		
Test Description & Rule	Condition Left	
Circuit Controller Points - NORMAL (FRA 236.103)	С	
Circuit Controller Points - REVERSE (FRA 236.103)	С	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT	
Timing (SI 4.2)	NT	



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 473.82 - 473.82 Location: int 473 County: FALL RIVER Employee's Name: Samuel Whitney **Asset ID:** BAB7DVB **Test Date:** 07/21/2016 **State:** SD

PARS Number: SMTR0494

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
1B12	С	
2B12	С	



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 473.82 - 473.82 Location: int 473 County: FALL RIVER Employee's Name: Samuel Whitney **Asset ID:** BAB7DVB **Test Date:** 10/12/2016 **State:** SD

PARS Number: SMTR0494

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
1B12	С	
2B12	С	



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 473.82 - 473.82 Location: int 473 County: FALL RIVER Employee's Name: Samuel Whitney Asset ID: BAB7DVB Test Date: 12/21/2016 State: SD

PARS Number: SMTR0494

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
1B12	С	
2B12	С	

BNSF RAILWAY Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BABL2JR	
Subdivision: BUTTE	Test Date: 06/15/2016	
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD	
Location / Highway Name: east edgemont sw.		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
Conditions Master Key		

- C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant

- = Pass = Fail P F

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	С	
Obstruct Lock Rod - REVERSE (FRA 236.382)	С	

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 07/01/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.	

- C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required. G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Permit equipment

- NI = No Inspection Required. CO = Compliant NC = Not compliant

- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	C
Obstruct Lock Rod - REVERSE (FRA 236.382)	C

BNSF Switch Taste & Inspactions

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 07/27/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.	

- C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required. G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Permit equipment

- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail
- P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Page 1 of 1

BNSF Π. ----Switch Taste & Inspactions 43

BNSF Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BABL2JR	
Subdivision: BUTTE	Test Date: 07/27/2016	
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD	
Location / Highway Name: east edgemont sw.		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
Conditions Master Key		

- C = Test completed, no exceptions found, and condition left in compliance.
 A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	NT
Obstruct Lock Rod - REVERSE (FRA 236.382)	NT

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	A
Adjusted PD rod for correct roller gap. Tested ok.	
Circuit Controller Points - REVERSE (FRA 236.103)	A
Adjusted PD rod for correct roller gap. Tested ok.	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT
Timing (SI 4.2)	C

BNSF RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 08/23/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key	

- C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail P F

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	С
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Timing (SI 4.2)	N

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 09/07/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.	

- C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required. G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Permit equipment

- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail
- P F

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	С	
Obstruct Lock Rod - REVERSE (FRA 236.382)	С	

BNSF Π. ----Switch Taste & Inspactions 43

BNSF Inspection Report - Switch Tests	s & Inspections
Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 10/06/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, an R = Repairs and/or Replacements made (identified in associated comments), to B = Baseline data matches that recorded during the most recent Baseline test	est completed, and condition left in compliance.

Monthly Tests

Test Description & Rule

Page 1 of 1

NI = No Inspection Required. CO = Compliant NC = Not compliant

= Pass = Fail

P F

G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable.

Obstruct Lock Rod - NORMAL (FRA 236.382)

Obstruct Lock Rod - REVERSE (FRA 236.382)

Condition Left

С

С

BNSF Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BABL2JR	
Subdivision: BUTTE	Test Date: 11/02/2016	
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD	
Location / Highway Name: east edgemont sw.		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
Conditions Master Key		

- C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.

- G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.
- NI = No Inspection Required. CO = Compliant NC = Not compliant

- = Pass = Fail P F

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	С	
Obstruct Lock Rod - REVERSE (FRA 236.382)	С	

Quarterly Tests		
Test Description & Rule	Condition Left	
Circuit Controller Points - NORMAL (FRA 236.103)	С	
Circuit Controller Points - REVERSE (FRA 236.103)	С	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С	
Timing (SI 4.2)	N	

RAILWAY Inspection Report - Switch Tests & Inspections	
Division: POWDER RIVER	Asset ID: BABL2JR
Subdivision: BUTTE	Test Date: 11/30/2016
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD
Location / Highway Name: east edgemont sw.	
County: FALL RIVER	
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494
Switch Type: Power-operated	
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.	

- C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required. G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Required. CO = Compliant NC = Not compliant P = Pass F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	С
Obstruct Lock Rod - REVERSE (FRA 236.382)	С

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RAILWAY Inspection Report - Switch Tests & Inspections		
Division: POWDER RIVER	Asset ID: BABL2JR	
Subdivision: BUTTE	Test Date: 12/29/2016	
Milepost (with Line Segment): 4 475.20 - 475.20	State: SD	
Location / Highway Name: east edgemont sw.		
County: FALL RIVER		
Employee's Name: Samuel Whitney (swhitney)	PARS Number: SMTR0494	
Switch Type: Power-operated		
Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance.		

- C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that recorded during the most recent Baseline test, so full test not required. G = Governed by Special Instruction NT = The equipment was not tested in this inspection. N = Test Not Applicable. NI = No Inspection Permit equipment

- NI = No Inspection Required. CO = Compliant NC = Not compliant
- = Pass = Fail P F

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	С	
Obstruct Lock Rod - REVERSE (FRA 236.382)	С	

BNSF Π. ----Switch Taste & Inspactions 43



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.20 - 475.20 Location: east edgemont County: FALL RIVER Employee's Name: Samuel Whitney Asset ID: BABL2KX Test Date: 06/23/2016 State: SD

PARS Number: SMTR0494

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	C	
B26	С	
ECB	C	



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.20 - 475.20 Location: east edgemont County: FALL RIVER Employee's Name: Samuel Whitney Asset ID: BABL2KX Test Date: 08/26/2016 State: SD

PARS Number: SMTR0494

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	C	
B26	С	
ECB	C	



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.20 - 475.20 Location: east edgemont County: FALL RIVER Employee's Name: Samuel Whitney Asset ID: BABL2KX Test Date: 11/14/2016 State: SD

PARS Number: SMTR0494

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	Non-Compliant Voltage
B12	C	
B26	С	
ECB	C	

Inspection Report - Timing Tests & Inspections RAILWAY

Division: POWDER RIVER Subdivision: BUTTE Milepost (with Line Segment): 4 475.20 - 475.20 Location / Highway Name: east edgemont County: FALL RIVER Employee's Name: Samuel Whitney (swhitney) PARS Number: SMTR0494

Asset ID: BABL2KX Test Date: 11/28/2016 State: SD

Conditions Master Key

Conditions Master Key C = Test completed, no exceptions found, and condition left in compliance. A = Adjustments made (identified in associated comments), test completed, and condition left in compliance. R = Repairs and/or replacements made (identified in associated comments), test completed, and condition left in compliance. B = Baseline data matches that previously recorded. NT = The equipment was not tested in this inspection. N = No inspection required. The given timer does not require inspection at this time.

Time Releases, Timing Relays, and Timing Devices (FRA 236.109)							
Timer	Design Time	Measured Time	Condition Left				
10S THER	00:00:10.0	00:00:09.5	С				
1TER	00:06:30.0	00:06:20.9	С				

RAILWAY **Division:** POWDER RIVER BABL2KX Asset ID: Subdivision: BUTTE Test Date: 01/05/2017 Milepost (with Line Segment): 4 475.20 - 475.20 State: SD Location / Highway Name: east edgemont County: FALL RIVER **Employee's Name:** Robin Freeze (rfreeze) PARS Number: SINS0167 Conditions Master Key = Test completed, no exceptions found, and condition left in compliance. = Adjustments made (identified in associated comments), test completed, and condition left in compliance. = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance. = Baseline data matches that recorded during the most recent Baseline test, so full test not required. A R

в Governed by Special Instruction G

NT = The equipment was not tested in this inspection. N = Test Not Applicable.

- NI = No Inspection Required.

CO = Compliant NC = Not compliant

P = Pass F = Fail

NOTE: Entry of results of tests indicates for approach locking that all track sections in approach are effective, and for time locking each time locking circuit is effective.

Locking Tests										
Route Nomenclature	Date Tested	Mechanical (FRA 236.376)	Approach (FRA 236.377)	Time (FRA 236.378)	Route (FRA 236.379)	Indication (FRA 236.380)	Traffic (FRA 236.381)			
1EA(sig)-1.N(sw)-1WA(sig)	01/05/2017	Ν	С	Ν	С	С	N			
1EB(sig)-1.R(sw)-1WB(sig)	01/05/2017	Ν	Ν	С	С	С	Ν			
1WA(sig)-1.N(sw)-1EA(sig)	01/05/2017	Ν	С	Ν	С	С	Ν			
1WB(sig)-1.R(sw)-1EB(sig)	01/05/2017	Ν	С	Ν	С	С	N			

Inspection Report - Locking Tests & Inspections



Inspection Report Relay Tests & Inspections

Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.20 - 475.20 Location: east edgemont County: FALL RIVER Employee's Name: Robin Freeze Asset ID: BABL2KX Test Date: 07/05/2016 State: SD

PARS Number: SINS0167

Conditions Key

C = Test completed, condition left in compliance.

R = Replacements made (identified in associated comments), test completed, and condition left in compliance.

V = Visual inspection completed, condition left in compliance.

NT $\,$ = The equipment was not tested in this inspection

N = No inspection required. The given relay does not require inspection at this time.

		Re	l ay Tests (FR	A 234.263, 236.106)	
Shelf Name RACK 2G	Relay Name 1E-BKR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L803155		g/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 2G	Relay Name 1E-TR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L794445		g/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 2G	Relay Name OSTR	Tested 0	Condition N		
Relay PN-150BTR (322501-702)	Serial No. L789462	Type (Drawin PN-150BTR (32	g/Catalog No.) 2501-702)	Resistance 4	Contacts 6F-6B
Shelf Name RACK 2G	Relay Name OSTP-THR	Tested 0	Condition N		
Relay PT-150 (322518-005)	Serial No. L778687	Type (Drawin PT-150 (32251)	g/Catalog No.) 8-005)	Resistance	Contacts 1F-1CB
Shelf Name RACK 2G	Relay Name OSTPR	Tested 0	Condition N		
Relay PN-250B (N322554-701 / 4A1)	Serial No. L803079		g/Catalog No.) 2554-701 / 4A1)	Resistance 250 (500/500 parallel)	Contacts 6FB-6F-3B
Shelf Name RACK 2G	Relay Name OSTPPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793461		g/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 2G	Relay Name POR	Tested 0	Condition N		
Relay PN-150P (322508-702-002	Serial No. 1281980	Type (Drawin PN-150P (322	ng/Catalog No.) 508-702-002)	Resistance 240	Contacts 4F-4BHD

Shelf Name RACK 2F	Relay Name 1W-BKR	Tested 0	Condition N				
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793456	Type (Drawing/ PN-150B (N3225)		Resista 400	nce		Contacts 6FB
Shelf Name RACK 2F	Relay Name P-TR	Tested 0	Condition N				
Relay PN-150BTR (322501-701)	Serial No. L769753	Type (Drawing/ PN-150BTR (322)		Resista 1	nce		Contacts 6F-6B
Shelf Name RACK 2F	Relay Name 1W-TR	Tested 0	Condition N				
Relay PN-150B (N322500-701 / 4A1)	Serial No. L753231	Type (Drawing/ PN-150B (N3225)		Resista 400	nce		Contacts 6FB
Shelf Name RACK 2F	Relay Name OSA-TR	Tested 0	Condition N				
Relay PN-150BTR (322501-702)	Serial No. L814380	Type (Drawing/ PN-150BTR (322)		Resista 4	nce		Contacts 6F-6B
Shelf Name RACK 2E	Relay Name	Tested 0	Condition N				·
Relay PN-150B (N322500-701 / 4A1)	Serial No. L802432	Type (Drawing/ PN-150B (N3225)		Resista 400	nce		Contacts 6FB
Shelf Name RACK 2E	Relay Name	Tested 0	Condition N	•			
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793457	Type (Drawing/ PN-150B (N3225)		Resista 400	nce		Contacts 6FB
Shelf Name RACK 2E	Relay Name 1E-ASR	Tested 0	Condition N				·
Relay PN-150B (N322500-701 / 4A1)	Serial No. L803289	Type (Drawing/ PN-150B (N3225)		Resista 400	nce		Contacts 6FB
Shelf Name RACK 2E	Relay Name 1W-ASR	Tested 0	Condition N				
Relay PN-150B (N322500-701 / 4A1)	Serial No. L804645	Type (Drawing/ PN-150B (N3225)	Catalog No.) 00-701 / 4A1)	Resista 400	nce		Contacts 6FB
Shelf Name RACK 2E	Relay Name 1ASPR	Tested 0	Condition N				·
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793522	Type (Drawing/ PN-150B (N3225)	Catalog No.) 00-701 / 4A1)	Resista 400	nce		Contacts 6FB
Shelf Name RACK 2E	Relay Name	Tested 0	Condition N				
Relay PN-150T (322523-308)	Serial No. L816896	Type (Drawing/ PN-150T (322523		Resista	nce		Contacts 3F
Shelf Name RACK 2D	Relay Name 1-WR	Tested 07/05/2016	Condition C				
Relay	Serial No. L815449	Type (Drawing/ PP-151 (322516-		sistance		Contacts 6NR	
PP-151 (322516-001)	Polar Normal F 0.0239 A DC	Pickup	Polar Normal W 0.0239 A DC	orking	Polar Rever 0.0219 A DC		Polar Reverse Working 0.0219 A DC
Shelf Name RACK 2D	Relay Name 1-OR	Tested 0	Condition N				
Relay PN-150SO (322512-002)	Serial No. L806579	Type (Drawing/ PN-150SO (3225)		Resista 0.039	nce		Contacts 1B-1C

Shelf Name RACK 2D	Relay Name 1-WRPR	Tested 0	Condition N		
Relay PN-150BM (322517-001)	Serial No. L797150	Type (Drawin PN-150BM (32	ng/Catalog No.) 2517-001)	Resistance 240	Contacts 2FMHD
Shelf Name RACK 2D	Relay Name 1E-ASPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L796869		ng/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 2D	Relay Name 1NWCR	Tested 0	Condition N		
Relay PN-250B (N322554-701 / 4A1)	Serial No. L810747	Type (Drawin PN-250B (N32	ng/Catalog No.) 2554-701 / 4A1)	Resistance 250 (500/500 parallel)	Contacts 6FB-6F-3B
Shelf Name RACK 2D	Relay Name 1RWCR	Tested 0	Condition N		I
Relay PN-250B (N322554-701 / 4A1)	Serial No. L803072		ng/Catalog No.) 2554-701 / 4A1)	Resistance 250 (500/500 parallel)	Contacts 6FB-6F-3B
Shelf Name RACK 1F	Relay Name 1E-HR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L803266		ng/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1F	Relay Name 1E-PCR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L811679		ng/Catalog No.) 1322503-701 / 4A3)	Resistance 100	Contacts 6F-6B
Shelf Name RACK 1F	Relay Name 1E-DR	Tested 0	Condition N		·
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793251		ng/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1F	Relay Name 1E-FYR	Tested 0	Condition N		I
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793452		ng/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1F	Relay Name SMKR	Tested 0	Condition N	·	· ·
Relay PN-150B (N322500-701 / 4A1)	Serial No. 2480908		ng/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1F	Relay Name EAR	Tested 0	Condition N		I
Relay PN-150B (N322500-701 / 4A1)	Serial No. L796679		ng/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1F	Relay Name WAR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L934973		ng/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB

Shelf Name RACK 1E	Relay Name 1W-DR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. 1980590		ig/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1E	Relay Name 1W-FYR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L924803		ig/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1E	Relay Name 1EA-HGPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. 2580202		ig/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1E	Relay Name 1W-HR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793438		ig/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1E	Relay Name 1W-PCR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L811661		ig/Catalog No.) 322503-701 / 4A3)	Resistance 100	Contacts 6F-6B
Shelf Name RACK 1E	Relay Name 2W-NWPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L796961		ig/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1E	Relay Name 1-EOR	Tested 0	Condition N		
Relay PN-150F (N322530-701)	Serial No. B1395302	Type (Drawin PN-150F (N32)	ig/Catalog No.) 2530-701)	Resistance 60	Contacts 6FB
Shelf Name RACK 1D	Relay Name 1EA-HGR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L803286		ig/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1D	Relay Name 1EA-LOR	Tested 0	Condition N		
Relay PN-150BL (322510-003)	Serial No. L827406	Type (Drawin PN-150BL (322	ig/Catalog No.) 2510-003)	Resistance 175	Contacts 3FB
Shelf Name RACK 1D	Relay Name 1EB-HGPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793523		ig/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1D	Relay Name 1EB-HGR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793534		g/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1D	Relay Name 1EB-LOR	Tested 0	Condition N		
Relay PN-150BL (322510-903)	Serial No. L940894	Type (Drawin PN-150BL (322	ig/Catalog No.) 2510-903)	Resistance 175	Contacts 3FB

Shelf Name RACK 1D	Relay Name 2E-PCR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L582170		g/Catalog No.) 322503-701 / 4A3)	Resistance 100	Contacts 6F-6B
Shelf Name RACK 1D	Relay Name 2-EOR	Tested 0	Condition N	·	
Relay PN-150F (N322530-701)	Serial No. B1395318	Type (Drawin PN-150F (N322	g/Catalog No.) 2530-701)	Resistance 60	Contacts 6FB
Shelf Name RACK 1C	Relay Name 1WA-HGR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L802365		g/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1C	Relay Name 1WA-LOR	Tested 0	Condition N		
Relay PN-150BL (322510-003)	Serial No. L809029	Type (Drawin PN-150BL (322	g/Catalog No.) 510-003)	Resistance 175	Contacts 3FB
Shelf Name RACK 1C	Relay Name 1W-HGPR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. 2580256		g/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1C	Relay Name 1WB-HGR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L840587		g/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1C	Relay Name 1WB-LOR	Tested 0	Condition N		I
Relay PN-150BL (322510-003)	Serial No. L808928	Type (Drawin PN-150BL (322	g/Catalog No.) 510-003)	Resistance 175	Contacts 3FB
Shelf Name RACK 1C	Relay Name 2W-LOR	Tested 0	Condition N	·	
Relay PN-150BL (322510-003)	Serial No. L826673	Type (Drawin PN-150BL (322	g/Catalog No.) 510-003)	Resistance 175	Contacts 3FB
Shelf Name RACK 1C	Relay Name 2EA-LOR	Tested 0	Condition N		
Relay PN-150BL (322510-003)	Serial No. L808927	Type (Drawin PN-150BL (322	g/Catalog No.) 510-003)	Resistance 175	Contacts 3FB
Shelf Name RACK 1C	Relay Name 2E-DR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. 2580255		g/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1C	Relay Name 2W-SR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L804655		g/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB
Shelf Name RACK 1C	Relay Name 2E-SR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L803217		g/Catalog No.) 2500-701 / 4A1)	Resistance 400	Contacts 6FB

Shelf Name RACK 1B	Relay Name 2E-TR	Tested 0	Condition		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L751635	Type (Drawing, PN-150B (N3225		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2W-TR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L957397	Type (Drawing, PN-150B (N3225		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2E-HR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793467	Type (Drawing, PN-150B (N3225		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2E-HPR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L812811	Type (Drawing, PN-150BSR (N32	/Catalog No.) 2503-701 / 4A3)	Resistance 100	Contacts 6F-6B
Shelf Name RACK 1B	Relay Name 2E-FYR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L802385	Type (Drawing, PN-150B (N3225	ng/Catalog No.)ResistanceContacts2500-701 / 4A1)4006FB		
Shelf Name RACK 1B	Relay Name 2W-HR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L824700	Type (Drawing, PN-150B (N3225		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2W-HPR	Tested 0	Condition N	·	
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L811723	Type (Drawing, PN-150BSR (N32	/Catalog No.) 2503-701 / 4A3)	Resistance 100	Contacts 6F-6B
Shelf Name RACK 1B	Relay Name 2W-FYR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793238	Type (Drawing, PN-150B (N3225		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2W-DR	Tested 0	Condition N		
Relay PN-150B (N322500-701 / 4A1)	Serial No. L793531	Type (Drawing, PN-150B (N3225		Resistance 400	Contacts 6FB
Shelf Name RACK 1B	Relay Name 2W-PCR	Tested 0	Condition N		
Relay PN-150BSR (N322503-701 / 4A3)	Serial No. L811696	Type (Drawing, PN-150BSR (N32	/Catalog No.) 2503-701 / 4A3)	Resistance 100	Contacts 6F-6B



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 06/14/2016 State: SD

PARS Number: SMTR0494

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- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	С
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)				
Bus Nomenclature Grounds Condition Stand By Power Condition				
МВ	С	NT		
ХВ	С	NT		

Traffic Pre-emption (FRA 234.261)				
Device Nomenclature Condition				
	Ν			



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 06/16/2016 State: SD

PARS Number: SMTR0494

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Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	А
	Comments: Installed new wind guards on sig #1 and #2. Adjusted motor up contact on sig #1. Tested ok.
Warning System Operation (FRA 234.257 a & b)	С
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	С
Fuses/Arrestors (TP-234)	С

Grounds (FRA 234.249 & FRA 234.251)					
Bus Nomenclature	Grounds Condition	Stand By Power Condition			
МВ	С	С			
ХВ	С	С			

Traffic Pre-emption (FRA 234.261)				
Device Nomenclature Condition				
	Ν			



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 07/06/2016 State: SD

PARS Number: SMTR0494

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- P = Pass
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Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	С
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature Grounds Condition Stand By Power Condition		
МВ	С	С
ХВ	С	С

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	Ν

Quarterly Tests

Test Description & Rule	Test Result
Insulated Joints, Bonds & Track Connections (FRA 234.271)	С
Stick Release Circuits (TP-234)	N
Recorders (TP-234)	С

Cutout Circuits Tests (FRA 234.269)	
Circuit Nomenclature	Condition
	Ν



Division: POWDER RIVER		
Subdivision: BUTTE		
Milepost: 4 475.23 - 475.23		
Location: (SD 471)		
County: FALL RIVER		
Employee's Name: Samuel Whitney		
Equipment Present: Flashers/Bell/Gates		

Asset ID: 064881R Test Date: 08/01/2016 State: SD

PARS Number: SMTR0494

Conditions Master Key

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Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	R
	Comments: Replaced damaged gate light on Sig#1. Tested ok. Base was cracked, light was still working.
Warning System Operation (FRA 234.257 a & b)	С
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	С
Fuses/Arrestors (TP-234)	С

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature Grounds Condition Stand By Power Condition		Stand By Power Condition
МВ	С	С
ХВ	С	С

Traffic Pre-emption (FRA 234.261)		
Device Nomenclature	Condition	
	Ν	



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 08/08/2016 State: SD

PARS Number: SMTR0494

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- NC = Not compliant
- P = Pass
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Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature Grounds Condition Stand By Power Condition		
МВ	С	NT
ХВ	C	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	Ν



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 08/09/2016 State: SD

PARS Number: SMTR0494

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- NT = The equipment was not tested in this inspection.
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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus NomenclatureGrounds ConditionStand By Power Condition		
МВ	С	NT
ХВ	С	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	Ν



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 08/10/2016 State: SD

PARS Number: SMTR0494

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- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus NomenclatureGrounds ConditionStand By Power Condition		
МВ	С	NT
ХВ	С	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	Ν



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 08/13/2016 State: SD

PARS Number: SMTR0494

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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus NomenclatureGrounds ConditionStand By Power Condition		
МВ	С	NT
ХВ	С	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	Ν



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 08/14/2016 State: SD

PARS Number: SMTR0494

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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
MB	С	NT
ХВ	С	NT

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	Ν



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 08/30/2016 State: SD

PARS Number: SMTR0494

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- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)					
Bus Nomenclature	Grounds Condition	Stand By Power Condition			
МВ	С	С			
ХВ	С	С			

Traffic Pre-emption (FRA 234.261)			
Device Nomenclature Condition			
	Ν		

Quarterly Tests

Test Description & Rule	Test Result
Insulated Joints, Bonds & Track Connections (FRA 234.271)	С
Stick Release Circuits (TP-234)	Ν
Recorders (TP-234)	С

Cutout Circuits Tests (FRA 234.269)			
Circuit Nomenclature Condition			
	Ν		

Annual Tests

Test Descriptions & Rule	Condition
Lamp Voltages (FRA 234.253)	С
Light Alignment (FRA 234.253)	C
Hold Clear Device (FRA 234.255 c)	C
0.06 Ohm Shunts/Island/Standby (TP-234)	С
POK Lamp (TP-234) Lamp Type: LED	C
Torque / Power Down (TP-234)	C

	Warning Time Test Results (FRA 234.259)										
Track #	Direction	Status	Control Type	Test Result	UAX/DAX	Prescribed	Method	Warning Time	Non- Compliant Value	Date	Equip. Model
#1 Main	E	Active	Predictor	С		21 sec	Calculated	21 sec		08/30/ 2016	hxp3
Route: #1 N	1ain					•		•			
#1 Main	E	Standby	Predictor	C		21 sec	Calculated	21 sec		08/30/ 2016	hxp3
Route: #1 N	lain					•		•			
#1 Main	W	Active	Predictor	С		21 sec	Calculated	21 sec		08/30/ 2016	hxp3
Route: #1 M	1ain										
#1 Main	W	Standby	Predictor	С		21 sec	Calculated	21 sec		08/30/ 2016	hxp3
Route: #1 M	1ain							_			
#2 Main	E	Active	Predictor	С		21 sec	Calculated	21 sec		08/30/ 2016	hxp3
Route: #2 M	1ain										
#2 Main	E	Standby	Predictor	С		21 sec	Calculated	21 sec		08/30/ 2016	hxp3
Route: #2 N	1ain										
#2 Main	W	Active	Predictor	С		21 sec	Calculated	21 sec		08/30/ 2016	hxp3
Route: #2 M	1ain							-			
#2 Main	w	Standby	Predictor	С		21 sec	Calculated	21 sec		08/30/ 2016	hxp3
Route: #2 N	1ain										
Spur	E	Active	Predictor	С		21 sec	Calculated	21 sec		08/30/ 2016	hxp3
Route: Spur											
Spur	E	Standby	Predictor	С		21 sec	Calculated	21 sec		08/30/ 2016	hxp3
Route: Spur											

Flasher Test Results (FRA 234.253)				
Flasher	Flashes Per Minute	Condition	Non-compliant Value	
EOR	60	С		

Timing Relay & Devices Test Results (FRA 234.265)				
Timer Design Time Measured Time Condition				
No Data Entered or Test Not Applicable				



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 09/26/2016 State: SD

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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	С
Warning System Operation (FRA 234.257 a & b)	С
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	С
Fuses/Arrestors (TP-234)	С

Grounds (FRA 234.249 & FRA 234.251)					
Bus Nomenclature	Grounds Condition	Stand By Power Condition			
МВ	С	С			
ХВ	С	С			

Traffic Pre-emption (FRA 234.261)			
Device Nomenclature Condition			
	Ν		



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 10/08/2016 State: SD

PARS Number: SMTR0494

Conditions Master Key

- C $\;$ = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition	
Flashing Light Units (FRA 234.253)	С	
Gate Arms & Mechanism (FRA 234.255 a & b)	С	
Warning System Operation (FRA 234.257 a & b)	С	
Crossbuck & Signs (TP-234)	С	
M/S./C.W.T. Equip (TP-234)	A Comments: MOW installed new island panel Mt1. Adjusted and tested ok.	
Fuses/Arrestors (TP-234)	NT	

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
МВ	С	NT
ХВ	С	NT

Traffic Pre-emption (FRA 234.261)		
Device Nomenclature	Condition	
	Ν	



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 10/10/2016 State: SD

PARS Number: SMTR0494

Conditions Master Key

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- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	С
Crossbuck & Signs (TP-234)	C
M/S./C.W.T. Equip (TP-234)	A Comments: MOW installed new island panel mt2. Adjusted and tested ok.
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
МВ	С	NT
ХВ	С	NT

Traffic Pre-emption (FRA 234.261)		
Device Nomenclature	Condition	
	Ν	



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 10/21/2016 State: SD

PARS Number: SMTR0494

Conditions Master Key

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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	C
Gate Arms & Mechanism (FRA 234.255 a & b)	C
Warning System Operation (FRA 234.257 a & b)	C
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
МВ	С	С
ХВ	С	С

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	Ν



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 11/16/2016 State: SD

PARS Number: SMTR0494

Conditions Master Key

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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	С
Warning System Operation (FRA 234.257 a & b)	С
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	С

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
МВ	С	С
ХВ	С	С

Traffic Pre-emption (FRA 234.261)	
Device Nomenclature	Condition
	Ν

Quarterly Tests

Test Description & Rule	Test Result
Insulated Joints, Bonds & Track Connections (FRA 234.271)	С
Stick Release Circuits (TP-234)	N
Recorders (TP-234)	С

Cutout Circuits Tests (FRA 234.269)	
Circuit Nomenclature	Condition
	N



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 11/17/2016 State: SD

PARS Number: SMTR0494

Conditions Master Key

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- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	С
Warning System Operation (FRA 234.257 a & b)	С
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	С
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
МВ	С	NT
ХВ	С	NT

Traffic Pre-emption (FRA 234.261)		
Device Nomenclature	Condition	
	Ν	



Division: POWDER RIVER		
Subdivision: BUTTE		
Milepost: 4 475.23 - 475.23		
Location: (SD 471)		
County: FALL RIVER		
Employee's Name: Samuel Whitney		
Equipment Present: Flashers/Bell/Gates		

Asset ID: 064881R Test Date: 11/28/2016 State: SD

PARS Number: SMTR0494

Conditions Master Key

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- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	А
	Comments: Gate binding on wind guard due to high winds. Adjusted and working as intended.
Warning System Operation (FRA 234.257 a & b)	С
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	NT
Fuses/Arrestors (TP-234)	NT

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature Grounds Condition Stand By Power Condition		Stand By Power Condition
МВ	С	NT
ХВ	С	NT

Traffic Pre-emption (FRA 234.261)		
Device Nomenclature	Condition	
	Ν	



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 12/12/2016 State: SD

PARS Number: SMTR0494

Conditions Master Key

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- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	С
Warning System Operation (FRA 234.257 a & b)	С
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	С
Fuses/Arrestors (TP-234)	C

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
МВ	С	С
ХВ	С	С

Traffic Pre-emption (FRA 234.261)		
Device Nomenclature	Condition	
	Ν	



Division: POWDER RIVER Subdivision: BUTTE Milepost: 4 475.23 - 475.23 Location: (SD 471) County: FALL RIVER Employee's Name: Samuel Whitney Equipment Present: Flashers/Bell/Gates Asset ID: 064881R Test Date: 01/05/2017 State: SD

PARS Number: SMTR0494

Conditions Master Key

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- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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- P = Pass
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Test Description & Rule	Condition
Flashing Light Units (FRA 234.253)	С
Gate Arms & Mechanism (FRA 234.255 a & b)	С
Warning System Operation (FRA 234.257 a & b)	С
Crossbuck & Signs (TP-234)	С
M/S./C.W.T. Equip (TP-234)	C
Fuses/Arrestors (TP-234)	С

Grounds (FRA 234.249 & FRA 234.251)		
Bus Nomenclature	Grounds Condition	Stand By Power Condition
МВ	С	С
ХВ	С	С

Traffic Pre-emption (FRA 234.261)		
Device Nomenclature	Condition	
	Ν	