

Inspection Report - Timing Tests & Inspections

TWIN CITIES Division: BAA62CD Asset ID:

Test Date: 06/10/2013 Subdivision: KO

Milepost (with Line Segment): 26 28.00 - 28.00 State: ND

Location / Highway Name: Amenia Spur EL Timer

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

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 Let					
TER	00:09:25.0	00:09:26.1	С		

Report ID: 03296854 Report Form Type: 360d Timing



Division: TWIN CITIES **BACBKXA** Asset ID:

Subdivision: KO **Test Date:** 01/03/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

Conditions Master Key

ONOITIONS WASTER Ney
= 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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	С

Report ID: 03121332 Report Form Type: 90d Grounds



Division: TWIN CITIES **BACBKXA** Asset ID:

Subdivision: KO **Test Date:** 02/17/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

Conditions Master Key

ONOITIONS WASTER Ney
= 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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)				
Bus Nomenclature	Condition Left			
B12	С			
B28	Α			
No adjustments made, os track shorted due to damaged heater ducts. ground test o	k			

Report ID: 03172222 Report Form Type: 90d Grounds



TWIN CITIES Asset ID: Division: **BACBKXA**

Subdivision: KO **Test Date:** 02/19/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

Conditions Master Key

ONOIIIONS WASTER Ney
= 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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	Α
No adjustments made, ko switch, damaged heater ducts removed and replaced due to	blizzard.

Report ID: 03172223 Report Form Type: 90d Grounds



Division: TWIN CITIES **BACBKXA** Asset ID:

Subdivision: KO **Test Date:** 03/12/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Jon Strang (jstrang) **PARS Number:**

Conditions Master Key

ONOITIONS WASTER Ney
= 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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)				
Bus Nomenclature	Condition Left			
B12	С			
B28	С			

Report ID: 03198255 Report Form Type: 90d Grounds



Division: TWIN CITIES **BACBKXA** Asset ID:

Subdivision: KO **Test Date:** 04/01/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	С

Report ID: 03220870 Report Form Type: 90d Grounds



TWIN CITIES Division: **BACBKXA** Asset ID:

Subdivision: KO **Test Date:** 04/20/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

Conditions Master Key

ONOITIONS WASTER Ney
= 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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)				
Bus Nomenclature	Condition Left			
B12	С			
B28	С			

Report ID: 03241317 Report Form Type: 90d Grounds



Division: TWIN CITIES Asset ID: **BACBKXA**

Subdivision: KO **Test Date:** 06/28/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)				
Bus Nomenclature	Condition Left			
B12	С			
B28	С			

Report ID: 03316634 Report Form Type: 90d Grounds



Division: TWIN CITIES Asset ID: **BACBKXA**

Subdivision: KO **Test Date:** 09/26/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	С

Report ID: 03414260 Report Form Type: 90d Grounds



Division: TWIN CITIES Asset ID: **BACBKXA**

Subdivision: KO **Test Date:** 11/27/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

Conditions Master Key

ONOITIONS WASTER Ney
= 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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	С

Report ID: 03481542 Report Form Type: 90d Grounds



Division: TWIN CITIES Asset ID: **BACBKXA**

Subdivision: KO **Test Date:** 12/23/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)				
Bus Nomenclature	Condition Left			
B12	С			
B28	С			

Report ID: 03507405 Report Form Type: 90d Grounds



Inspection Report - Locking Tests & Inspections

Division: TWIN CITIES **BACBKXA** Asset ID:

Subdivision: KO **Test Date:** 03/12/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Dennis Mauzy (dmauzy) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant

= Pass = 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)
1EAA(sig)-1.N(sw)-2A.N(sw)-1WA(sig)	03/12/2013	N	N	N	Ν	С	N
1EAB(sig)-1.N(sw)-2A.R(sw)-2B.R(sw)-2WB(sig)	03/12/2013	N	N	N	Ν	С	N
1EBA(sig)-1.R(sw)-2A.N(sw)-1WB(sig)	03/12/2013	N	N	N	Ν	С	N
1EBB(sig)-1.R(sw)-2A.R(sw)-2B.R(sw)-2WB(sig)	03/12/2013	N	N	N	Ν	С	N
1WA(sig)-2A.N(sw)-1.N(sw)-1EAA(sig)	03/12/2013	N	N	N	Ν	С	N
1WB(sig)-2A.N(sw)-1.R(sw)-1EBA(sig)	03/12/2013	N	N	N	Ν	С	N
2EA(sig)-2B.N(sw)-2WA(sig)	03/12/2013	N	N	N	Ν	С	N
2WA(sig)-2B.N(sw)-2EA(sig)	03/12/2013	N	N	N	Ν	С	N
2WB(sig)-2B.R(sw)-2A.R(sw)-1.N(sw)-1EAB(sig)	03/12/2013	N	N	N	Ν	С	N
2WB(sig)-2B.R(sw)-2A.R(sw)-1.R(sw)-1EBB(sig)	03/12/2013	N	N	N	Ν	С	N

Report ID: 03198227 Report Form Type: 2y (baseline) Locking



Inspection Report - Locking Tests & Inspections

Division: TWIN CITIES **BACBKXA** Asset ID: Subdivision: KO **Test Date:** 03/12/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: Jon Strang (jstrang) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= 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)
1EAA(sig)-1SW.N(sw)-2A.N(sw)-1WA(sig)	03/13/2013	NT	NT	NT	NT	С	NT
1EAB(sig)-1SW.N(sw)-2A.R(sw)-2B.R(sw)-2WB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
1EBA(sig)-1SW.R(sw)-2A.N(sw)-1WB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
1EBB(sig)-1SW.R(sw)-2A.R(sw)-2B.R(sw)-2WB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
1WA(sig)-2A.N(sw)-1SW.N(sw)-1EAA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
1WB(sig)-2A.N(sw)-1SW.R(sw)-1EBA(sig)	03/13/2013	NT	NT	NT	NT	С	NT
2EA(sig)-2B.N(sw)-2WA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2EB(sig)-2B.N(sw)-CP30 1A.R(sw)-CP30 1B.R(sw)-CP30 2WBA(sig)	03/13/2013	NT	NT	NT	NT	С	NT
2WA(sig)-2B.N(sw)-2EA(sig)	03/13/2013	NT	NT	NT	NT	С	NT
2WB(sig)-2B.R(sw)-2A.R(sw)-1SW.N(sw)-1EAB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2WB(sig)-2B.R(sw)-2A.R(sw)-1SW.R(sw)-1EBB(sig)		NT	NT	NT	NT	NT	NT
CP30 2WBA(sig)-CP30 1B.R(sw)-CP30 1A.R(sw)-2B.N(sw)-2EB(sig)		NT	NT	NT	NT	NT	NT

Report ID: 03198256 Report Form Type: 2y Locking



Inspection Report - Relay Tests & Inspections

Division: TWIN CITIES **BACBKXA** Asset ID: Subdivision: KO **Test Date:** 02/14/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: K.O. JUNCTION

County: CASS

Employee's Name: William Staskywicz (wstaskyw) **PARS Number:**

- Conditions Master 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.

Relay Tests (FRA 234.263, 236.106)				
Shelf Name TERM BD 1AF	Relay Name 1LR	Serial Number 0322714	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu ST (400020 / 400020)	imber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1AF	Relay Name 2LR	Serial Number 0322643	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu ST (400020 / 400020)	imber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1AF	Relay Name 1BTR	Serial Number 0326153	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu ST (400510 / 400510)	imber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1AF	Relay Name 1WBDR	Serial Number 80051227	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-783 GR.2 / A62-277)	imber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1AF	Relay Name 1WBHR	Serial Number 80051298	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-783 GR.2 / A62-277)	imber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1AF	Relay Name 1WBBKR	Serial Number 80051291	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-783 GR.2 / A62-277)	imber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1AF	Relay Name 1WBTR	Serial Number 80051225	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-783 GR.2 / A62-277)	imber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1AF	Relay Name 1WBC3R	Serial Number 80051006	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-783 GR.2 / A62-277)	imber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1AF	Relay Name 1WBC2R	Serial Number 80051053	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-783 GR.2 / A62-277)	imber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1AF	Relay Name 1WBC6R	Serial Number 80050973	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-783 GR.2 / A62-277)	imber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1AF	Relay Name 1NWCPR	Serial Number 80051089	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-783 GR.2 / A62-277)	mber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1BF	Relay Name 1TR	Serial Number 80004631	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-921 GR.9 / A62-120)	mber)		ontacts Date Tested Not Tested	
Shelf Name TERM BD 1BF	Relay Name 1ATR	Serial Number 0326185	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu ST (400510 / 400510)	mber)		ontactsDate TestedFB-2F-1BNot Tested	

Report ID: 03169393 Report Form Type: 4y Relay

		Relay Tests (F	FRA 234.263, 236.106)		
Shelf Name TERM BD 1BF	Relay Name 2TR		Serial Number 0326200	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu ST (400510 / 400510)	ımber)		Resistance (Ohms)	Contacts 4FB-2F-1B	Date Tested Not Tested
Shelf Name TERM BD 1BF	Relay Name 2ATR		Serial Number 0326160	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu ST (400510 / 400510)	imber)		Resistance (Ohms)	Contacts 4FB-2F-1B	Date Tested Not Tested
Shelf Name TERM BD 1BF	Relay Name 1NWR		Serial Number 810931	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-926 GR.1 / A62-429)	imber)		Resistance (Ohms) 500	Contacts 2FB EHD	Date Tested Not Tested
Shelf Name TERM BD 1BF	Relay Name 1RWR		Serial Number 810915	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-926 GR.1 / A62-429)	imber)		Resistance (Ohms) 500	Contacts 2FB EHD	Date Tested Not Tested
Shelf Name TERM BD 1BF	Relay Name 2ANWR		Serial Number 30680N068	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-926 GR.1 / A62-429)	imber)		Resistance (Ohms) 500	Contacts 2FB EHD	Date Tested Not Tested
Shelf Name TERM BD 1BF	Relay Name 2ARWR		Serial Number 30680N062	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-926 GR.1 / A62-429)	ımber)		Resistance (Ohms) 500	Contacts 2FB EHD	Date Tested Not Tested
Shelf Name TERM BD 1BF	Relay Name 2BNWR		Serial Number 25602M034	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-926 GR.1 / A62-429)	ımber)		Resistance (Ohms) 500	Contacts 2FB EHD	Date Tested Not Tested
Shelf Name TERM BD 1BF	Relay Name 2BRWR		Serial Number 27026M030	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-926 GR.1 / A62-429)	imber)		Resistance (Ohms) 500	Contacts 2FB EHD	Date Tested Not Tested
Shelf Name TERM BD 1BF	Relay Name 5VSTOP		Serial Number 855060	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-822 GR.2 / A62-310)	imber)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested Not Tested
Shelf Name TERM BD 1BF	Relay Name 6VSTOP		Serial Number 855095	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-822 GR.2 / A62-310)	imber)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested Not Tested
Shelf Name TERM BD 1BF	Relay Name 7VSTOP		Serial Number 855041	Condition Left NT	
Relay Type (Drawing and/or Catalog Nu B1 (56001-822 GR.2 / A62-310)	ımber)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested Not Tested
Shelf Name BACKBOARD AF	Relay Name 1WBC4R		Serial Number 1122669	Condition Left	
Relay Type (Drawing and/or Catalog Nu ST (400004 / 400004)	ımber)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 02/14/2013
Neutral Dropaway 0.0058 A DC		Neutral Pickup 0.0105 A DC		Neutral Working 0.0105 A DC	
Shelf Name BACKBOARD AF	Relay Name 1WBC7R		Serial Number 1122674	Condition Left	
Relay Type (Drawing and/or Catalog Nu ST (400004 / 400004)	ımber)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 02/14/2013
Neutral Dropaway 0.0057 A DC		Neutral Pickup 0.0112 A DC		Neutral Working 0.0112 A DC	
Shelf Name BACKBOARD AF	Relay Name 1WBC4IR		Serial Number 1122751	Condition Left	
Relay Type (Drawing and/or Catalog Nu ST (400004 / 400004)	ımber)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 02/14/2013
Neutral Dropaway 0.0056 A DC		Neutral Pickup 0.0108 A DC		Neutral Working 0.0108 A DC	

Report ID: 03169393 Report Form Type: 4y Relay



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 01/02/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests				
Test Description & Rule	Condition Left			
Obstruct Lock Rod - NORMAL (FRA 236.382) adj lock rod	А			
Obstruct Lock Rod - REVERSE (FRA 236.382) adj lock rod	A			

Report ID: 03120801 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7XS** Asset ID:

Subdivision: KO **Test Date:** 01/25/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

C

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.

= Governed by Special Instruction

Switch Type: Power-operated

NT = The equipment was not tested in this inspection.

Obstruct Lock Rod - REVERSE (FRA 236.382)

= Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

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

> Report ID: 03147078 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 02/21/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests				
Test Description & Rule	Condition Left			
Obstruct Lock Rod - NORMAL (FRA 236.382)	A			
adj lock rod				
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α			
adj lock rod				

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)	С			

Report ID: 03177542 Report Form Type: 90d Switch



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 03/19/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests				
Test Description & Rule	Condition Left			
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α			
adj lock rod				
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α			
adj lock rod				

Report ID: 03205092 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 04/01/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests				
Test Description & Rule	Condition Left			
Obstruct Lock Rod - NORMAL (FRA 236.382)	R			
braces loose, retightened. All test ok				
Obstruct Lock Rod - REVERSE (FRA 236.382)	С			

Report ID: 03220905 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ7XS

Subdivision: KO **Test Date:** 04/17/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests				
Test Description & Rule	Condition Left			
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α			
adj lock rod				
Obstruct Lock Rod - REVERSE (FRA 236.382)	A			
adjj lock rod				

Report ID: 03238562 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 05/15/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests				
Test Description & Rule	Condition Left			
Obstruct Lock Rod - NORMAL (FRA 236.382)	A			
adj lock rod				
Obstruct Lock Rod - REVERSE (FRA 236.382)	A			
adj lock rod				

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)	С			

Report ID: 03270815 Report Form Type: 90d Switch



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 06/12/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests				
Test Description & Rule	Condition Left			
Obstruct Lock Rod - NORMAL (FRA 236.382)	A			
adj lock rod				
Obstruct Lock Rod - REVERSE (FRA 236.382)	A			
adj lock rod				

Report ID: 03301724 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 07/09/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
ADJ LOCK ROD	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
ADJ LOCK ROD	

Report ID: 03331871 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 08/07/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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)	С

Report ID: 03360255 Report Form Type: 90d Switch



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 09/03/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03390794 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 10/01/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
Obstruct Lock Rod - REVERSE (FRA 236.382)	Δ
adjmlock rod	

Report ID: 03420498 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ7XS Asset ID:

Subdivision: KO **Test Date:** 10/28/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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

Report ID: 03447454 Report Form Type: 90d Switch



Division: TWIN CITIES Asset ID: BABJ7XS

Subdivision: KO **Test Date:** 11/18/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03475641 Report Form Type: 30d Switch



TWIN CITIES Division: Asset ID: BABJ7XS

Subdivision: KO **Test Date:** 12/17/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	А
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rods	

Report ID: 03503872 Report Form Type: 30d Switch



TWIN CITIES Division: Asset ID: BABJ70F

Subdivision: KO **Test Date:** 01/02/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adjj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03120799 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ70F

Subdivision: KO **Test Date:** 01/25/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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.

= Governed by Special Instruction

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

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

Report ID: 03147077 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ70F Asset ID:

Subdivision: KO **Test Date:** 02/21/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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)	С	

Report ID: 03177541 Report Form Type: 90d Switch



TWIN CITIES Division: BABJ70F Asset ID:

Subdivision: KO **Test Date:** 03/19/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	A	
adj lock rod		
Obstruct Lock Rod - REVERSE (FRA 236.382)	A	
adj lock rod		

Report ID: 03205091 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ70F

Subdivision: KO **Test Date:** 04/17/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α	
adj lock rod		
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α	
adj lock rod		

Report ID: 03238561 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ70F Asset ID:

Subdivision: KO **Test Date:** 05/15/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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.

= Governed by Special Instruction

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α	
adjmlock rod		
Obstruct Lock Rod - REVERSE (FRA 236.382)	А	
adj lock rod		

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)	С	

Report ID: 03270814 Report Form Type: 90d Switch



TWIN CITIES Division: BABJ70F Asset ID:

Subdivision: KO **Test Date:** 06/12/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03301723 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ70F Asset ID:

Subdivision: KO **Test Date:** 07/09/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

Obstruct Lock Rod - REVERSE (FRA 236.382)

ADJ LOCK ROD AND PD

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
ADJ LOCK ROD AND PD	

Report ID: 03331870 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ70F Asset ID:

Subdivision: KO **Test Date:** 08/07/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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.

= Governed by Special Instruction

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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)	С

Report ID: 03360254 Report Form Type: 90d Switch



TWIN CITIES Division: BABJ70F Asset ID:

Subdivision: KO **Test Date:** 09/03/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03390793 Report Form Type: 30d Switch



TWIN CITIES Division: BABJ70F Asset ID:

Subdivision: KO **Test Date:** 10/01/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

Report ID: 03420497 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ70F Asset ID:

Subdivision: KO **Test Date:** 10/28/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod-	

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)	С

Report ID: 03447453 Report Form Type: 90d Switch



TWIN CITIES Division: Asset ID: BABJ70F

Subdivision: KO **Test Date:** 11/19/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock and pd rod tampted	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod and tampted	

Report ID: 03475639 Report Form Type: 30d Switch



TWIN CITIES Division: Asset ID: BABJ70F

Subdivision: KO **Test Date:** 12/17/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. K.O. Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

Report ID: 03503870 Report Form Type: 30d Switch



TWIN CITIES Division: **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 01/02/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant P = Pass

adj lock rod

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α

Report ID: 03120802 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ7YY

Subdivision: KO **Test Date:** 01/25/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

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

Report ID: 03147079 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 02/21/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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.

= Governed by Special Instruction

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	А
adj lock rod	

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)	С

Report ID: 03177543 Report Form Type: 90d Switch



Division: TWIN CITIES **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 03/19/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03205093 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 04/01/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

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

Report ID: 03220906 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 04/17/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03238563 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 05/15/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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)	С

Report ID: 03270816 Report Form Type: 90d Switch



Division: TWIN CITIES **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 06/12/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03301725 Report Form Type: 30d Switch



TWIN CITIES Division: **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 07/09/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
ADJ LOCK ROD	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
ADJ LOCK ROD	

Report ID: 03331872 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 08/07/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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)	С

Report ID: 03360256 Report Form Type: 90d Switch



TWIN CITIES Division: **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 09/03/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03390795 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 10/01/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03420499 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7YY** Asset ID:

Subdivision: KO **Test Date:** 10/28/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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)	С

Report ID: 03447455 Report Form Type: 90d Switch



TWIN CITIES Division: Asset ID: BABJ7YY

Subdivision: KO **Test Date:** 11/18/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03475642 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ7YY

Subdivision: KO **Test Date:** 12/17/2013

Milepost (with Line Segment): 26 31.10 - 31.10 State: ND

Location / Highway Name: Surrey Jct. WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03503873 Report Form Type: 30d Switch



TWIN CITIES Division: Asset ID: BABJ9EU

Subdivision: KO **Test Date:** 01/15/2013

Milepost (with Line Segment): 26 25.80 - 25.80 State: ND

Location / Highway Name: Dalrymple Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

Switch Type: Hand-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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

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

Report ID: 03136376 Report Form Type: 90d Switch



TWIN CITIES Division: Asset ID: BABJ9EU

Subdivision: KO **Test Date:** 04/15/2013

Milepost (with Line Segment): 26 25.80 - 25.80 State: ND

Location / Highway Name: Dalrymple Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

Switch Type: Hand-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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

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

Report ID: 03236477 Report Form Type: 90d Switch



TWIN CITIES Division: BABJ9EU Asset ID:

Subdivision: KO **Test Date:** 06/19/2013

Milepost (with Line Segment): 26 25.80 - 25.80 State: ND

Location / Highway Name: Dalrymple Sw.

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk)

PARS Number:

Switch Type: Hand-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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	A
adjusted and cleaned contact. Test ok	
Circuit Controller Points - REVERSE (FRA 236.103)	N
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	NT

Report ID: 03307123 Report Form Type: 90d Switch



TWIN CITIES Division: BABJ9EU Asset ID:

Subdivision: KO **Test Date:** 07/10/2013

Milepost (with Line Segment): 26 25.80 - 25.80 State: ND

Location / Highway Name: Dalrymple Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

Switch Type: Hand-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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

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

Annual Tests	
Test Description & Rule	Condition Left
Centering Device Operation (TP-103B)	С

Report ID: 03331873 Report Form Type: 360d Switch



TWIN CITIES Division: BABJ9EU Asset ID:

Subdivision: KO **Test Date:** 10/08/2013

Milepost (with Line Segment): 26 25.80 - 25.80 State: ND

Location / Highway Name: Dalrymple Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Hand-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

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

Report ID: 03426415 Report Form Type: 90d Switch



TWIN CITIES Division: BABJ79S Asset ID:

Subdivision: KO **Test Date:** 03/12/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Casselton Gas Spur E.L.

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С

Report ID: 03199437 Report Form Type: 90d Grounds



TWIN CITIES Division: BABJ79S Asset ID:

Subdivision: KO **Test Date:** 06/10/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Casselton Gas Spur E.L.

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С

Report ID: 03296826 Report Form Type: 90d Grounds



TWIN CITIES Division: BABJ79S Asset ID:

Subdivision: KO Test Date: 09/04/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Casselton Gas Spur E.L.

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)			
Bus Nomenclature	Condition Left		
B12	С		

Report ID: 03390792 Report Form Type: 90d Grounds



TWIN CITIES Division: BABJ79S Asset ID:

Subdivision: KO Test Date: 12/02/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Casselton Gas Spur E.L.

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
B12	С	

Report ID: 03484452 Report Form Type: 90d Grounds



Inspection Report - Timing Tests & Inspections

TWIN CITIES Division: BABJ79S Asset ID:

Test Date: 06/10/2013 Subdivision: KO

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Casselton Gas Spur E.L.

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

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	
TER	00:11:15.0	00:11:16.4	С	

Report ID: 03296855 Report Form Type: 360d Timing



Inspection Report - Locking Tests & Inspections

Division: TWIN CITIES BABJ79S Asset ID:

Subdivision: KO **Test Date:** 03/21/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Casselton Gas Spur E.L.

County: CASS

Employee's Name: Paul Meszaros (pmeszaro) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= 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)
SWITCH 1(el.lk)	03/21/2013	N	N	С	N	N	N

Report ID: 03208419 Report Form Type: 2y Locking



TWIN CITIES Division: **BABJ9GH** Asset ID: Subdivision: KO **Test Date:** 01/23/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Gas Spur

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

Switch Type: Hand-operated with Electric Lock

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests		
Test Description & Rule	Condition Left	
Circuit Controller Points - NORMAL (FRA 236.103)	A	
adj contacts		
Circuit Controller Points - REVERSE (FRA 236.103)	N	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С	
Electric Lock, Main Track Releasing Circuit (TP-16A)	С	

Report ID: 03147080 Report Form Type: 90d Switch



TWIN CITIES Division: BABJ9GH Asset ID: Subdivision: KO **Test Date:** 02/12/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Gas Spur

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

Switch Type: Hand-operated with Electric Lock

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests		
Test Description & Rule	Condition Left	
Circuit Controller Points - NORMAL (FRA 236.103)	A	
adj contacts		
Circuit Controller Points - REVERSE (FRA 236.103)	N	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С	
Electric Lock, Main Track Releasing Circuit (TP-16A)	С	

Report ID: 03166745 Report Form Type: 90d Switch



TWIN CITIES Division: **BABJ9GH** Asset ID:

Subdivision: KO **Test Date:** 05/13/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Gas Spur

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

Switch Type: Hand-operated with Electric Lock

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.

= Governed by Special Instruction

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	N
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Electric Lock, Main Track Releasing Circuit (TP-16A)	С

Report ID: 03266079 Report Form Type: 90d Switch



TWIN CITIES Division: **BABJ9GH** Asset ID: Subdivision: KO **Test Date:** 06/10/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Gas Spur

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

Switch Type: Hand-operated with Electric Lock

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant P = Pass

F = Fail

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	A
adj contacts	
Circuit Controller Points - REVERSE (FRA 236.103)	N
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Electric Lock, Main Track Releasing Circuit (TP-16A)	С

Annual Tests	
Test Description & Rule	Condition Left
Centering Device Operation (TP-103B)	С

Report ID: 03296827 Report Form Type: 360d Switch



TWIN CITIES Division: **BABJ9GH** Asset ID: Subdivision: KO **Test Date:** 09/04/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Gas Spur

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

Switch Type: Hand-operated with Electric Lock

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	N
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Electric Lock, Main Track Releasing Circuit (TP-16A)	С

Report ID: 03390796 Report Form Type: 90d Switch



TWIN CITIES Division: **BABJ9GH** Asset ID: Subdivision: KO **Test Date:** 12/02/2013

Milepost (with Line Segment): 26 27.60 - 27.60 State: ND

Location / Highway Name: Gas Spur

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

Switch Type: Hand-operated with Electric Lock

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	A
adj contacts	
Circuit Controller Points - REVERSE (FRA 236.103)	N
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Electric Lock, Main Track Releasing Circuit (TP-16A)	С

Report ID: 03484454 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62GF Asset ID:

Subdivision: KO **Test Date:** 02/13/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL DERAIL

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

Switch Type: Power-operated Derail

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

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: (FRA 236.104)	
Timing (SI 4.2)	С

Report ID: 03167825 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62GF Asset ID:

Subdivision: KO **Test Date:** 05/07/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL DERAIL

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

Switch Type: Power-operated Derail

CO = Compliant

NC = Not compliant

F = Fail

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: (FRA 236.104)	
Timing (SI 4.2)	С

Report ID: 03263736 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62GF Asset ID:

Subdivision: KO **Test Date:** 07/30/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL DERAIL

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

Switch Type: Power-operated Derail

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

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

Report ID: 03351321 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62GF Asset ID:

Subdivision: KO **Test Date:** 10/25/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL DERAIL

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

Switch Type: Power-operated Derail

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	A
adj lock rod	
Circuit Controller Points - REVERSE (FRA 236.103)	A
adj lock rod	
Shunt Fouling - Circuit Type: (FRA 236.104)	
Timing (SI 4.2)	C

Report ID: 03445298 Report Form Type: 90d Switch



Division: TWIN CITIES Asset ID: BAB6P5P

Subdivision: KO **Test Date:** 01/08/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

Conditions Master Key

ONOITIONS WASTER Ney
= 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.

= Governed by Special Instruction

 $\begin{array}{l} {\tt NT} \,=\, {\tt The} \,\, {\tt equipment} \,\, {\tt was} \,\, {\tt not} \,\, {\tt tested} \,\, {\tt in} \,\, {\tt this} \,\, {\tt inspection}. \\ {\tt N} \,\,=\, {\tt Test} \,\, {\tt Not} \,\, {\tt Applicable}. \end{array}$

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	С

Report ID: 03126278 Report Form Type: 90d Grounds



Division: TWIN CITIES BAB6P5P Asset ID:

Subdivision: KO **Test Date:** 01/12/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

Conditions Master Key

ONOITIONS WASTER Ney
= 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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

B28

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С

Report ID: 03133274 Report Form Type: 90d Grounds



Division: TWIN CITIES Asset ID: BAB6P5P

Subdivision: KO **Test Date:** 01/31/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

Conditions Master Key

ONOITIONS WASTER Ney
= 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.

= Governed by Special Instruction

 $\begin{array}{l} {\tt NT} \,=\, {\tt The} \,\, {\tt equipment} \,\, {\tt was} \,\, {\tt not} \,\, {\tt tested} \,\, {\tt in} \,\, {\tt this} \,\, {\tt inspection}. \\ {\tt N} \,\,=\, {\tt Test} \,\, {\tt Not} \,\, {\tt Applicable}. \end{array}$

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	С

Report ID: 03151905 Report Form Type: 90d Grounds



Division: TWIN CITIES BAB6P5P Asset ID:

Subdivision: KO **Test Date:** 03/12/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: William Staskywicz (wstaskyw) **PARS Number:**

Conditions Master Key

ONOIIIONS WHASTEF Rey
= 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.

= Governed by Special Instruction

 $\begin{array}{l} {\tt NT} \,=\, {\tt The} \,\, {\tt equipment} \,\, {\tt was} \,\, {\tt not} \,\, {\tt tested} \,\, {\tt in} \,\, {\tt this} \,\, {\tt inspection}. \\ {\tt N} \,\,=\, {\tt Test} \,\, {\tt Not} \,\, {\tt Applicable}. \end{array}$

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
B12	С	
B28	С	

Report ID: 03197130 Report Form Type: 90d Grounds



Division: TWIN CITIES Asset ID: BAB6P5P

Subdivision: KO **Test Date:** 05/25/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

 $\begin{array}{l} {\tt NT} \,=\, {\tt The} \,\, {\tt equipment} \,\, {\tt was} \,\, {\tt not} \,\, {\tt tested} \,\, {\tt in} \,\, {\tt this} \,\, {\tt inspection}. \\ {\tt N} \,\,=\, {\tt Test} \,\, {\tt Not} \,\, {\tt Applicable}. \end{array}$

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
B12	A	
replace lite bulb WB B head		
B28	NT	

Report ID: 03285479 Report Form Type: 90d Grounds



Division: TWIN CITIES BAB6P5P Asset ID:

Test Date: 06/06/2013 Subdivision: KO

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction $\begin{array}{l} {\tt NT} \,=\, {\tt The} \,\, {\tt equipment} \,\, {\tt was} \,\, {\tt not} \,\, {\tt tested} \,\, {\tt in} \,\, {\tt this} \,\, {\tt inspection}. \\ {\tt N} \,\,=\, {\tt Test} \,\, {\tt Not} \,\, {\tt Applicable}. \end{array}$

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
B12	С	
B28	С	

Report ID: 03294668 Report Form Type: 90d Grounds



Division: TWIN CITIES BAB6P5P Asset ID:

Subdivision: KO **Test Date:** 08/29/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

 $\begin{array}{l} {\tt NT} \,=\, {\tt The} \,\, {\tt equipment} \,\, {\tt was} \,\, {\tt not} \,\, {\tt tested} \,\, {\tt in} \,\, {\tt this} \,\, {\tt inspection}. \\ {\tt N} \,\,=\, {\tt Test} \,\, {\tt Not} \,\, {\tt Applicable}. \end{array}$

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
B12	С	
B28	С	

Report ID: 03383989 Report Form Type: 90d Grounds



Division: TWIN CITIES Asset ID: BAB6P5P

Subdivision: KO **Test Date:** 11/14/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

 $\begin{array}{l} {\tt NT} \,=\, {\tt The} \,\, {\tt equipment} \,\, {\tt was} \,\, {\tt not} \,\, {\tt tested} \,\, {\tt in} \,\, {\tt this} \,\, {\tt inspection}. \\ {\tt N} \,\,=\, {\tt Test} \,\, {\tt Not} \,\, {\tt Applicable}. \end{array}$

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
B12	С	
B28	С	

Report ID: 03466500 Report Form Type: 90d Grounds



Division: TWIN CITIES BAB6P5P Asset ID:

Subdivision: KO **Test Date:** 12/15/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

Conditions Master Key

ONOITIONS WASTER Ney
= 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.

= Governed by Special Instruction

 $\begin{array}{l} {\tt NT} \,=\, {\tt The} \,\, {\tt equipment} \,\, {\tt was} \,\, {\tt not} \,\, {\tt tested} \,\, {\tt in} \,\, {\tt this} \,\, {\tt inspection}. \\ {\tt N} \,\,=\, {\tt Test} \,\, {\tt Not} \,\, {\tt Applicable}. \end{array}$

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
B12	С	
B28	С	

Report ID: 03500131 Report Form Type: 90d Grounds



Inspection Report - Timing Tests & Inspections

TWIN CITIES Division: BAB6P5P Asset ID:

Subdivision: KO **Test Date:** 10/14/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

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	Device Type	Design Time	Measured Time	Condition Left
LOS	Fixed Microprocessor-based	00:00:10.0	00:00:10.4	С
TER	Fixed Microprocessor-based	0.00:80:00	00:08:02.1	С

Report ID: 03431723 Report Form Type: 360d Timing



Inspection Report - Locking Tests & Inspections

Division: TWIN CITIES BAB6P5P Asset ID:

Subdivision: KO **Test Date:** 03/12/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30

County: CASS

Employee's Name: William Staskywicz (wstaskyw) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= 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 Tes	sts				I		
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)
2EA(sig)-1A.N(sw)-1B.N(sw)-2WAA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2EB(sig)-1A.R(sw)-1B.R(sw)-2WBA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2WAA(sig)-1B.N(sw)-1A.N(sw)-2EA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2WBA(sig)-1B.R(sw)-1A.R(sw)-2EB(sig)	03/12/2013	NT	NT	NT	NT	С	NT

Report ID: 03197412 Report Form Type: 2y Locking



TWIN CITIES Division: BAA62HM Asset ID:

Subdivision: KO **Test Date:** 03/15/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: REMOTE XING CASELTON

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
MB 12	С	

Report ID: 03202431 Report Form Type: 90d Grounds



TWIN CITIES Division: BAA62HM Asset ID: Subdivision: KO **Test Date:** 05/07/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: REMOTE XING CASELTON

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
MB 12	С	

Report ID: 03261216 Report Form Type: 90d Grounds



TWIN CITIES Division: BAA62HM Asset ID:

Subdivision: KO **Test Date:** 07/26/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: REMOTE XING CASELTON

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
MB 12	С	

Report ID: 03351319 Report Form Type: 90d Grounds



TWIN CITIES Division: BAA62HM Asset ID:

Subdivision: KO **Test Date:** 10/15/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: REMOTE XING CASELTON

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
MB 12	С	

Report ID: 03433983 Report Form Type: 90d Grounds



Division: TWIN CITIES Asset ID: BAA62FY

Subdivision: KO **Test Date:** 01/14/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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.

= Governed by Special Instruction

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

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

Report ID: 03136374 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62FY Asset ID:

Subdivision: KO **Test Date:** 02/13/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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: Series (FRA 236.104)	С
Timing (SI 4.2)	С

Report ID: 03167824 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62FY Asset ID:

Subdivision: KO **Test Date:** 03/15/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

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

Report ID: 03202432 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BAA62FY

Subdivision: KO **Test Date:** 04/11/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock and pd	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj pd and lock	

Report ID: 03233080 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62FY Asset ID:

Subdivision: KO **Test Date:** 05/07/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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: Series (FRA 236.104)	С
Timing (SI 4.2)	С

Report ID: 03261217 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62FY Asset ID:

Subdivision: KO **Test Date:** 06/06/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03294669 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BAA62FY

Subdivision: KO **Test Date:** 07/03/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

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

Report ID: 03321837 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62FY Asset ID:

Subdivision: KO **Test Date:** 07/30/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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: Series (FRA 236.104)	С
Timing (SI 4.2)	С

Report ID: 03351320 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62FY Asset ID:

Subdivision: KO **Test Date:** 08/29/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

Obstruct Lock Rod - REVERSE (FRA 236.382)

CO = Compliant

NC = Not compliant

F = Fail

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

Report ID: 03383990 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62FY Asset ID:

Subdivision: KO **Test Date:** 09/25/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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.

= Governed by Special Instruction

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

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	

Report ID: 03413496 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62FY Asset ID:

Subdivision: KO **Test Date:** 10/25/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	A	
adj lock rod		
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α	
adj lock rod		

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: Series (FRA 236.104)	С	
Timing (SI 4.2)	С	

Report ID: 03445297 Report Form Type: 90d Switch



TWIN CITIES Division: Asset ID: BAA62FY

Subdivision: KO **Test Date:** 11/19/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	A	
adj lock rods		
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α	
adj lock rods		

Report ID: 03475638 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62FY Asset ID:

Subdivision: KO **Test Date:** 12/20/2013

Milepost (with Line Segment): 26 30.02 - 30.02 State: ND

Location / Highway Name: CP 30 ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	A	
adj lock rod late because burned up sw at absaraka		
Obstruct Lock Rod - REVERSE (FRA 236.382)	A	
adj lock rod		

Report ID: 03505618 Report Form Type: 30d Switch



BABJ8PA Division: TWIN CITIES Asset ID:

Subdivision: KO **Test Date:** 01/09/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03133599 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 02/07/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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)	С

Report ID: 03161993 Report Form Type: 90d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 03/06/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03190436 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 04/02/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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.

= Governed by Special Instruction

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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)	С

Report ID: 03220873 Report Form Type: 90d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 04/30/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock and pd rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock and pd rod	

Report ID: 03251964 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 05/30/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382) adj lock rod	A
Obstruct Lock Rod - REVERSE (FRA 236.382) adj lock rod	A

Report ID: 03285484 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 06/25/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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)	С

Report ID: 03316637 Report Form Type: 90d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 07/24/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03345078 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 08/20/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03376568 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 09/17/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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)	С

Report ID: 03404714 Report Form Type: 90d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 10/17/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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.

= Governed by Special Instruction

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

adj lock rod pd ok

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod pd ok	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A

Report ID: 03436025 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ8PA

Subdivision: KO **Test Date:** 11/14/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03466502 Report Form Type: 30d Switch



Division: TWIN CITIES BABJ8PA Asset ID:

Subdivision: KO **Test Date:** 12/10/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton EAST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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)	С

Report ID: 03493866 Report Form Type: 90d Switch



Division: TWIN CITIES Asset ID: BABJ8NT

Subdivision: KO **Test Date:** 01/03/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
qdj lock rod	

Report ID: 03120803 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ8NT

Subdivision: KO **Test Date:** 01/14/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03136375 Report Form Type: 30d Switch



TWIN CITIES Division: **BABJ8NT** Asset ID:

Subdivision: KO **Test Date:** 02/13/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

Report ID: 03167827 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ8NT** Asset ID:

Subdivision: KO **Test Date:** 03/01/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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

Report ID: 03186411 Report Form Type: 90d Switch



Division: TWIN CITIES **BABJ8NT** Asset ID:

Subdivision: KO **Test Date:** 03/27/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

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

Report ID: 03216594 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ8NT

Subdivision: KO **Test Date:** 04/22/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock and pd	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock and pd	

Report ID: 03243378 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ8NT** Asset ID:

Subdivision: KO **Test Date:** 05/22/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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)	С

Report ID: 03276390 Report Form Type: 90d Switch



Division: TWIN CITIES **BABJ8NT** Asset ID:

Subdivision: KO **Test Date:** 06/20/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03309624 Report Form Type: 30d Switch



TWIN CITIES Division: **BABJ8NT** Asset ID:

Subdivision: KO **Test Date:** 07/19/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03339448 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ8NT** Asset ID:

Subdivision: KO **Test Date:** 08/15/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj l8ck rod	

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)	С

Report ID: 03371110 Report Form Type: 90d Switch



TWIN CITIES Division: **BABJ8NT** Asset ID:

Subdivision: KO **Test Date:** 09/10/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03398312 Report Form Type: 30d Switch



TWIN CITIES Division: Asset ID: BABJ8NT

Subdivision: KO **Test Date:** 10/08/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03426414 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ8NT** Asset ID:

Subdivision: KO **Test Date:** 11/07/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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

Report ID: 03458349 Report Form Type: 90d Switch



TWIN CITIES Division: **BABJ8NT** Asset ID:

Subdivision: KO **Test Date:** 12/03/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03489275 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ8NT

Subdivision: KO **Test Date:** 12/29/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton Kindred Sw.

County: CASS

PARS Number: Employee's Name: Todd Dutchuk (tdutchuk)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	NT
Obstruct Lock Rod - REVERSE (FRA 236.382)	R
No adjustments made, Assisted train crew by turning on heater and lubricating switch to get switch to throw.	

Report ID: 03512216 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ7WK

Subdivision: KO **Test Date:** 01/09/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03133598 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7WK** Asset ID: Subdivision: KO **Test Date:** 02/07/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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

Report ID: 03161992 Report Form Type: 90d Switch



Division: TWIN CITIES Asset ID: BABJ7WK

Subdivision: KO **Test Date:** 03/06/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rods	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03190435 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7WK** Asset ID:

Subdivision: KO **Test Date:** 04/02/2013 Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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)	С

Report ID: 03220872 Report Form Type: 90d Switch



Division: TWIN CITIES Asset ID: BABJ7WK

Subdivision: KO **Test Date:** 04/30/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj pd and lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj pd and lock rod	

Report ID: 03251963 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ7WK

Subdivision: KO **Test Date:** 05/30/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

Report ID: 03285483 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7WK** Asset ID: Subdivision: KO **Test Date:** 06/25/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lockrod	

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)	С

Report ID: 03316636 Report Form Type: 90d Switch



Division: TWIN CITIES Asset ID: BABJ7WK

Subdivision: KO **Test Date:** 07/24/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03345077 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ7WK

Subdivision: KO **Test Date:** 08/20/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	А
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03376567 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ7WK** Asset ID: Subdivision: KO **Test Date:** 09/17/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

Obstruct Lock Rod - REVERSE (FRA 236.382)

CO = Compliant

adj lock rod

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	

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)	С

Report ID: 03404713 Report Form Type: 90d Switch



Division: TWIN CITIES Asset ID: BABJ7WK

Subdivision: KO **Test Date:** 10/17/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
dj lock rod pd ok	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod pd ok	

Report ID: 03436024 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ7WK

Subdivision: KO **Test Date:** 11/13/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

Report ID: 03466501 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BABJ7WK Subdivision: KO **Test Date:** 12/10/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: Casselton WEST XO Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

Switch Type: Power-operated

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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)	С

Report ID: 03493865 Report Form Type: 90d Switch



Division: TWIN CITIES BABXF2M Asset ID:

Subdivision: KO **Test Date:** 03/12/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: CASSELTON CONTROL POINT

County: CASS

Employee's Name: Dennis Mauzy (dmauzy) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	С

Report ID: 03197253 Report Form Type: 90d Grounds



Division: TWIN CITIES BABXF2M Asset ID:

Subdivision: KO **Test Date:** 03/19/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: CASSELTON CONTROL POINT

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	С

Report ID: 03205090 Report Form Type: 90d Grounds



TWIN CITIES Division: BABXF2M Asset ID:

Subdivision: KO **Test Date:** 06/17/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: CASSELTON CONTROL POINT

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	С

Report ID: 03303264 Report Form Type: 90d Grounds



TWIN CITIES Division: BABXF2M Asset ID:

Subdivision: KO **Test Date:** 07/08/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: CASSELTON CONTROL POINT

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	R
replace track resistor for 2c track	
B28	С

Report ID: 03326905 Report Form Type: 90d Grounds



Division: TWIN CITIES BABXF2M Asset ID:

Subdivision: KO **Test Date:** 09/10/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: CASSELTON CONTROL POINT

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)	
Bus Nomenclature	Condition Left
B12	С
B28	С

Report ID: 03398310 Report Form Type: 90d Grounds



TWIN CITIES Asset ID: Division: BABXF2M

Subdivision: KO **Test Date:** 10/27/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: CASSELTON CONTROL POINT

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

Conditions Master Key

ONOIIIONS WASTER Ney
= 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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
B12	С	
B28	NT	

Report ID: 03446409 Report Form Type: 90d Grounds



Division: TWIN CITIES BABXF2M Asset ID:

Subdivision: KO **Test Date:** 11/10/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: CASSELTON CONTROL POINT

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
B12	С	
B28	С	

Report ID: 03461331 Report Form Type: 90d Grounds



Division: TWIN CITIES BABXF2M Asset ID:

Subdivision: KO **Test Date:** 12/02/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: CASSELTON CONTROL POINT

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= Fail

Grounds Test (FRA 236.107)		
Bus Nomenclature	Condition Left	
B12	С	
B28	С	

Report ID: 03484453 Report Form Type: 90d Grounds



Inspection Report - Timing Tests & Inspections

TWIN CITIES Division: BABXF2M Asset ID:

Subdivision: KO **Test Date:** 03/12/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: CASSELTON CONTROL POINT

County: CASS

Employee's Name: Dennis Mauzy (dmauzy) **PARS Number:**

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.

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	
1TER	00:09:37.0	00:09:37.0	С	
1TP LOS	00:00:10.0	00:00:10.0	С	
2TER	0.00:80:00	0.00:8:00.0	С	
2TP LOS	00:00:10.0	00:00:10.0	С	

Report ID: 03197255 Report Form Type: 360d Timing



Inspection Report - Locking Tests & Inspections

TWIN CITIES Division: BABXF2M Asset ID: Subdivision: KO **Test Date:** 03/12/2013

Milepost (with Line Segment): 26 28.40 - 28.40 State: ND

Location / Highway Name: CASSELTON CONTROL POINT

County: CASS

Employee's Name: Dennis Mauzy (dmauzy) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= 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)-1A.N(sw)-1WA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
1EB(sig)-1A.R(sw)-1B.R(sw)-3SW.N(sw)-2WAB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
1EB(sig)-1A.R(sw)-1B.R(sw)-3SW.R(sw)-2WBB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
1WA(sig)-1A.N(sw)-1EA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2EAA(sig)-2A.N(sw)-1B.N(sw)-3SW.N(sw)-2WAA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2EAB(sig)-2A.N(sw)-1B.N(sw)-3SW.R(sw)-2WBA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2EBA(sig)-2B.R(sw)-2A.R(sw)-1B.N(sw)-3SW.N(sw)-2WAB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2EBB(sig)-2B.R(sw)-2A.R(sw)-1B.N(sw)-3SW.R(sw)-2WBB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2WAA(sig)-3SW.N(sw)-1B.N(sw)-2A.N(sw)-2EAA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2WAB(sig)-3SW.N(sw)-1B.N(sw)-2A.R(sw)-2B.R(sw)-2EBA(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2WAB(sig)-3SW.N(sw)-1B.R(sw)-1A.R(sw)-1EB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2WBA(sig)-3SW.R(sw)-1B.N(sw)-2A.N(sw)-2EAB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2WBB(sig)-3SW.R(sw)-1B.N(sw)-2A.R(sw)-2B.R(sw)-2EBB(sig)	03/12/2013	NT	NT	NT	NT	С	NT
2WBB(sig)-3SW.R(sw)-1B.R(sw)-1A.R(sw)-1EB(sig)	03/12/2013	NT	NT	NT	NT	С	NT

Report ID: 03197254 Report Form Type: 2y Locking



Division: TWIN CITIES BAA62ES Asset ID:

Subdivision: KO **Test Date:** 03/01/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL DERAIL

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

Switch Type: Power-operated Derail

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

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

Report ID: 03186410 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62ES Asset ID:

Subdivision: KO **Test Date:** 05/30/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL DERAIL

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

Switch Type: Power-operated Derail

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

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: (FRA 236.104)			
Timing (SI 4.2)	С		

Report ID: 03285482 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62ES Asset ID:

Subdivision: KO **Test Date:** 08/15/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL DERAIL

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

Switch Type: Power-operated Derail

CO = Compliant

NC = Not compliant

F = Fail

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: (FRA 236.104)			
Timing (SI 4.2)	С		

Report ID: 03371109 Report Form Type: 90d Switch



Division: TWIN CITIES Asset ID: BAA62ES

Subdivision: KO **Test Date:** 11/07/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL DERAIL

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

Switch Type: Power-operated Derail

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

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

Report ID: 03458348 Report Form Type: 90d Switch



Division: TWIN CITIES Asset ID: BAA62DK

Subdivision: KO **Test Date:** 01/03/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests			
Test Description & Rule	Condition Left		
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α		
adj lock rod			
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α		
adj lock rod			

Report ID: 03120798 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BAA62DK

Subdivision: KO **Test Date:** 01/14/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests			
Test Description & Rule	Condition Left		
Obstruct Lock Rod - NORMAL (FRA 236.382)	A		
adj lock rod			
Obstruct Lock Rod - REVERSE (FRA 236.382)	A		
adj lock rod			

Report ID: 03136373 Report Form Type: 30d Switch



TWIN CITIES Division: BAA62DK Asset ID:

Subdivision: KO **Test Date:** 02/13/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests			
Test Description & Rule	Condition Left		
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α		
adj lock rod			
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α		
adj lock rod			

Report ID: 03167823 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62DK Asset ID:

Subdivision: KO **Test Date:** 03/01/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

NT = The equipment was not tested in this inspection.

= Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests Condition Left Test Description & Rule Obstruct Lock Rod - NORMAL (FRA 236.382) Α adj lock rod Obstruct Lock Rod - REVERSE (FRA 236.382) Α adj lock rod

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)	С

Report ID: 03186409 Report Form Type: 90d Switch



Division: TWIN CITIES Asset ID: BAA62DK

Subdivision: KO **Test Date:** 03/27/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

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

Report ID: 03216593 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62DK Asset ID:

Subdivision: KO **Test Date:** 04/22/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

adj lock rod

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	A
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A

Report ID: 03243377 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62DK Asset ID:

Subdivision: KO **Test Date:** 05/22/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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.

= Governed by Special Instruction

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

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)	С

Report ID: 03276389 Report Form Type: 90d Switch



TWIN CITIES Division: BAA62DK Asset ID:

Subdivision: KO **Test Date:** 06/20/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

Report ID: 03309623 Report Form Type: 30d Switch



Division: TWIN CITIES Asset ID: BAA62DK

Subdivision: KO **Test Date:** 07/19/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382) adj lock rod	A
Obstruct Lock Rod - REVERSE (FRA 236.382)	А
adj lock rod	

Report ID: 03339447 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62DK Asset ID:

Subdivision: KO **Test Date:** 08/15/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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.

= Governed by Special Instruction

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

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)	С

Report ID: 03371108 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62DK Asset ID:

Subdivision: KO **Test Date:** 09/10/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	А
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	A
adj lock rod	

Report ID: 03398311 Report Form Type: 30d Switch



TWIN CITIES Division: Asset ID: BAA62DK

Subdivision: KO **Test Date:** 10/08/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests	
Test Description & Rule	Condition Left
Obstruct Lock Rod - NORMAL (FRA 236.382)	Α
adj lock rod	
Obstruct Lock Rod - REVERSE (FRA 236.382)	Α
adj lock rod	

Report ID: 03426413 Report Form Type: 30d Switch



Division: TWIN CITIES BAA62DK Asset ID:

Subdivision: KO **Test Date:** 11/07/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

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.

= Governed by Special Instruction

NT = The equipment was not tested in this inspection.

= Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Monthly Tests Condition Left Test Description & Rule Obstruct Lock Rod - NORMAL (FRA 236.382) Α adj lock rod Obstruct Lock Rod - REVERSE (FRA 236.382) Α adj lock rod

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)	С

Report ID: 03458347 Report Form Type: 90d Switch



Division: TWIN CITIES BAA62DK Asset ID:

Subdivision: KO **Test Date:** 12/03/2013

Milepost (with Line Segment): 26 28.45 - 28.45 State: ND

Location / Highway Name: CASS ETHANOL SW

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant
P = Pass

F = Fail

Monthly Tests		
Test Description & Rule	Condition Left	
Obstruct Lock Rod - NORMAL (FRA 236.382)	A	
adj lock rod		
Obstruct Lock Rod - REVERSE (FRA 236.382)	A	
adj lock rod		

Report ID: 03489274 Report Form Type: 30d Switch



Division: TWIN CITIES **BABJ9HP** Asset ID:

Subdivision: KO **Test Date:** 01/23/2013

Milepost (with Line Segment): 26 28.00 - 28.00 State: ND

Location / Highway Name: Amenia Spur Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

Switch Type: Hand-operated with Electric Lock

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests		
Test Description & Rule	Condition Left	
Circuit Controller Points - NORMAL (FRA 236.103)	С	
Circuit Controller Points - REVERSE (FRA 236.103)	N	
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С	
Electric Lock, Main Track Releasing Circuit (TP-16A)	С	

Report ID: 03147081 Report Form Type: 90d Switch



TWIN CITIES Division: **BABJ9HP** Asset ID:

Subdivision: KO **Test Date:** 02/12/2013

Milepost (with Line Segment): 26 28.00 - 28.00 State: ND

Location / Highway Name: Amenia Spur Sw.

County: CASS

PARS Number: Employee's Name: Rick Schulz (rschulz)

Switch Type: Hand-operated with Electric Lock

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	N
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Electric Lock, Main Track Releasing Circuit (TP-16A)	С

Report ID: 03166746 Report Form Type: 90d Switch



Division: TWIN CITIES **BABJ9HP** Asset ID:

Test Date: 05/13/2013 Subdivision: KO

Milepost (with Line Segment): 26 28.00 - 28.00 State: ND

Location / Highway Name: Amenia Spur Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz)

Switch Type: Hand-operated with Electric Lock

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests	
Test Description & Rule	Condition Left
Circuit Controller Points - NORMAL (FRA 236.103)	С
Circuit Controller Points - REVERSE (FRA 236.103)	N
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С
Electric Lock, Main Track Releasing Circuit (TP-16A)	С

Report ID: 03266080 Report Form Type: 90d Switch



Inspection Report - Switch Tests & Inspections

TWIN CITIES Division: **BABJ9HP** Asset ID:

Subdivision: KO **Test Date:** 06/10/2013

Milepost (with Line Segment): 26 28.00 - 28.00 State: ND

Location / Highway Name: Amenia Spur Sw.

Switch Type: Hand-operated with Electric Lock

County: CASS

Employee's Name: Rick Schulz (rschulz)

PARS Number:

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests			
Test Description & Rule	Condition Left		
Circuit Controller Points - NORMAL (FRA 236.103)	С		
Circuit Controller Points - REVERSE (FRA 236.103)	N		
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С		
Electric Lock, Main Track Releasing Circuit (TP-16A)	С		

Annual Tests	
Test Description & Rule	Condition Left
Centering Device Operation (TP-103B)	С

Report ID: 03296828 Report Form Type: 360d Switch



Inspection Report - Switch Tests & Inspections

TWIN CITIES Division: **BABJ9HP** Asset ID:

Subdivision: KO **Test Date:** 09/04/2013

Milepost (with Line Segment): 26 28.00 - 28.00 State: ND

Location / Highway Name: Amenia Spur Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz) **PARS Number:**

Switch Type: Hand-operated with Electric Lock

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests			
Test Description & Rule	Condition Left		
Circuit Controller Points - NORMAL (FRA 236.103)	С		
Circuit Controller Points - REVERSE (FRA 236.103)	N		
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С		
Electric Lock, Main Track Releasing Circuit (TP-16A)	С		

Report ID: 03390797 Report Form Type: 90d Switch



Inspection Report - Switch Tests & Inspections

Division: TWIN CITIES **BABJ9HP** Asset ID:

Subdivision: KO **Test Date:** 12/02/2013

Milepost (with Line Segment): 26 28.00 - 28.00 State: ND

Location / Highway Name: Amenia Spur Sw.

County: CASS

Employee's Name: Rick Schulz (rschulz) **Switch Type:** Hand-operated with Electric Lock **PARS Number:**

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

 ${\tt NT}$ = The equipment was not tested in this inspection. ${\tt N}$ = Test Not Applicable.

CO = Compliant

NC = Not compliant

F = Fail

Quarterly Tests			
Test Description & Rule	Condition Left		
Circuit Controller Points - NORMAL (FRA 236.103)	С		
Circuit Controller Points - REVERSE (FRA 236.103)	N		
Shunt Fouling - Circuit Type: Fouling (FRA 236.104)	С		
Electric Lock, Main Track Releasing Circuit (TP-16A)	С		

Report ID: 03484455 Report Form Type: 90d Switch



Inspection Report - Locking Tests & Inspections

TWIN CITIES Division: **BABJ9HP** Asset ID:

Subdivision: KO **Test Date:** 03/21/2013

Milepost (with Line Segment): 26 28.00 - 28.00 State: ND

Location / Highway Name: Amenia Spur Sw.

County: CASS

Employee's Name: Paul Meszaros (pmeszaro) **PARS Number:**

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.

= Governed by Special Instruction

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

CO = Compliant

NC = Not compliant
P = Pass

= 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)
SWITCH 1(el.lk)	03/21/2013	N	N	С	Ν	N	N

Report ID: 03208420 Report Form Type: 2y Locking



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:01/18/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 01/18/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
rest operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
Track 2	
Tested: 01/18/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed

Report ID: 03140057 Report Form Type: 30d Defect Detector

Track 2, cont			
Inspect transducers	Completed		
Inspect scanners	Completed		
Check track conditions	Completed		
Verify time, date, & setup	Completed		
Compare R1 & R2 Ave.	Completed		
Verify alarms	Completed		
Check recall	Completed		
Check battery voltage	Completed		
Verify Train Direction	Completed		



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:01/21/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1

Tested: 01/21/2013			
Comments: replace integrity heater and motor south rail mt1			
Dragging Equipment			
30d			
Test operation of dragging equipment	Completed		
Hot Box Detector			
Scanners	ACS - Phase II Pyro		
Modem Number	7013475306		
Software Version			
System Harm			
30d			
Inspect scanners	Completed		
Verify time, date, & setup	Completed		
Compare R1 & R2 Ave.	Completed		
Verify alarms	Completed		
Check recall	Completed		
Verify Train Direction	Completed		
Track 2			
Tested:			
Hot Box Detector			
Software Version	7.8k		
Scanners	ACS - Phase II Pyro		
System	Harmon 2032		
Modem Number	7013475306		

Report ID: 03147075 Report Form Type: 30d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:01/22/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 01/23/2013	
Comments: replaced heat paddle channel 2 mt1	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Inspect transducers	Completed
Inspect scanners	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Track 2	
Tested:	
Hot Box Detector	
Software Version	7.8k
Scanners	ACS - Phase II Pyro
System	Harmon 2032
Modem Number	7013475306

Report ID: 03147076 Report Form Type: 30d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:01/31/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) **PARS Number:**

PANS Number:

Track 1	
Tested: 01/31/2013	
Comments: Scanners icing up due to strong winds, blowing and conditios	drifting snow, blowers unable to keep up with weather
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check battery voltage	Completed
Verify Train Direction	Completed

Track 2	
Tested:	
Hot Box Detector	
Software Version	7.8k
Scanners	ACS - Phase II Pyro
System	Harmon 2032
Modem Number	7013475306

Report ID: 03153391 Report Form Type: 30d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:02/11/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 02/11/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
Track 2	
Tested: 02/11/2013	
Dyon ging Farringont	
Dragging Equipment 30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
rest operation of dragging equipment	Oompleted
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed

Report ID: 03167822 Report Form Type: 30d Defect Detector

Track 2, cont	
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed

Report ID: 03167822 Report Form Type: 30d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:03/07/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Todd Dutchuk (tdutchuk) PARS Number:

Track 1	
Tested: 03/08/2013	
Comments: Cleaned Snow and ice from drifting, icing up scanners.	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Unable to Perform
l	
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	NA
Check battery voltage	NA
Verify Train Direction	Completed

Track 2	
Tested:	
Hot Box Detector	
Software Version	7.8k
Scanners	ACS - Phase II Pyro
System	Harmon 2032
Modem Number	7013475306

Report ID: 03194339
Report Form Type: 30d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:03/13/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 03/13/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hat Bay Batastay	
Hot Box Detector	ACC Phase II Divis
Scanners Modem Number	ACS - Phase II Pyro
Software Version	7013475306
	7.8k Harmon 2032
System 30d	Haimon 2032
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
90d	
Test modem	Completed
Turn off battery charger	Completed
Check alignment	Completed
Check transducer loading	Completed
Check transducer polarity	Completed
Verify ambient temperature reading	NA
Calibrate scanners	Too Cold
Check integrity heat	Completed
Check case heaters	Completed
Verify alarm readout	Completed
Verify alarm settings	Completed
Verify version of software	Completed
Turn on battery charger	Completed

Report ID: 03199436 Report Form Type: 90d Defect Detector

Track 2	
Tested: 03/13/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
90d	
Test modem	Completed
Turn off battery charger	Completed
Check alignment	Completed
Check transducer loading	Completed
Check transducer polarity	Completed
Verify ambient temperature reading	NA
Calibrate scanners	Too Cold
Check integrity heat	Completed
Check case heaters	Completed
Verify alarm readout	Completed
Verify alarm settings	Completed
Verify version of software	Completed
Turn on battery charger	Completed

Report ID: 03199436 Report Form Type: 90d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:04/12/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 04/12/2013	
Dragging Equipment	
Dragging Equipment 30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
rest operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
Track 2	
Tested: 04/12/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed

Report ID: 03233079 Report Form Type: 30d Defect Detector

Track 2, cont	
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed

Report ID: 03233079
Report Form Type: 30d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:05/10/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 05/10/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
	•
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
Track 2	
Tested: 05/10/2013	
16316d. 66/16/2016	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8
System	Harmon 2032
30d	
Clean lens & mirror	Completed

Report ID: 03263735 Report Form Type: 30d Defect Detector

Track 2, cont	
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:06/07/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 06/07/2013	
Comments: to wet to calibrate raining	
<u> </u>	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
Scanners	ACS - Phase II Pyro
30d	7.66 1 11466 11 1 116
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
90d	
Test modem	Completed
Turn off battery charger	Completed
Check alignment	Completed
Check transducer loading	Completed
Check transducer polarity	Completed
Verify ambient temperature reading	NA NA
Calibrate scanners	Too Cold
Check integrity heat	Completed
Check case heaters	Completed
Verify alarm readout	Completed
Verify alarm settings	Completed
Verify version of software	Completed
Turn on battery charger	Completed

Report ID: 03296825 Report Form Type: 90d Defect Detector

Track 2	
Tested: 06/07/2013	
Comments: to wet to calibrate	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
Scanners	ACS - Phase II Pyro
30d	AGE Thase III yie
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
90d	_
Test modem	Completed
Turn off battery charger	Completed
Check alignment	Completed
Check transducer loading	Completed
Check transducer polarity	Completed
Verify ambient temperature reading	NA
Calibrate scanners	Too Cold
Check integrity heat	Completed
Check case heaters	Completed
Verify alarm readout	Completed
Verify alarm settings	Completed
Verify version of software	Completed
Turn on battery charger	Completed

Report ID: 03296825 Report Form Type: 90d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:07/03/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 07/03/2013	
Dragging Equipment	
Dragging Equipment 30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Test operation of dragging equipment	Обтрысов
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
Track 2	
Tested: 07/03/2013	
163666. 07700/2010	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed

Report ID: 03321836 Report Form Type: 30d Defect Detector

Track 2, cont	
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:07/31/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 08/02/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	·
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
Tue als 0	
Track 2	
Tested: 07/31/2013	
Comments: check mt1 channel 2 heater hanging up	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
rest operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	

Report ID: 03355335 Report Form Type: 30d Defect Detector

Track 2, cont	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed

Report ID: 03355335 Report Form Type: 30d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:08/30/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 08/30/2013	
Comments: ck radio peak levels	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
Scanners	ACS - Phase II Pyro
30d	,
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
90d	
Test modem	Completed
Turn off battery charger	Completed
Check alignment	Completed
Check transducer loading	Completed
Check transducer polarity	Completed
Verify ambient temperature reading	NA
Calibrate scanners	Too Hot
Check integrity heat	Completed
Check case heaters	Completed
Verify alarm readout	Completed
Verify alarm settings	Completed
Verify version of software	Completed
Turn on battery charger	Completed

Report ID: 03385601 Report Form Type: 90d Defect Detector

Track 2	
Tested: 08/30/2013	
Comments: ck radio peak levels	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
Scanners	ACS - Phase II Pyro
30d	,
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
90d	
Test modem	Completed
Turn off battery charger	Completed
Check alignment	Completed
Check transducer loading	Completed
Check transducer polarity	Completed
Verify ambient temperature reading	NA
Calibrate scanners	Too Hot
Check integrity heat	Completed
Check case heaters	Completed
Verify alarm readout	Completed
Verify alarm settings	Completed
Verify version of software	Completed
Turn on battery charger	Completed

Report ID: 03385601 Report Form Type: 90d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:09/26/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 09/26/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
90d	
Test modem	Completed
Turn off battery charger	Completed
Check alignment	Completed
Check transducer loading	Completed
Check transducer polarity	Completed
Verify ambient temperature reading	NA
Calibrate scanners	Too Hot
Check integrity heat	Completed
Check case heaters	Completed
Verify alarm readout	Completed
Verify alarm settings	Completed
Verify version of software	Completed
Turn on battery charger	Completed

Report ID: 03414259
Report Form Type: 90d Defect Detector

Track 2	
Tested: 09/26/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
rest operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	_
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
90d	<u>,</u>
Test modem	Completed
Turn off battery charger	Completed
Check alignment	Completed
Check transducer loading	Completed
Check transducer polarity	Completed
Verify ambient temperature reading	NA
Calibrate scanners	Too Hot
Check integrity heat	Completed
Check case heaters	Completed
Verify alarm readout	Completed
Verify alarm settings	Completed
Verify version of software	Completed
Turn on battery charger	Completed

Report ID: 03414259 Report Form Type: 90d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:10/25/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 10/25/2013	
Drogging Equipment	
Dragging Equipment 30d	
	Completed
Inspect dragging equipment Test energing of dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
Track 2	
Tested: 10/25/2013	
16366. 10/23/2010	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed

Report ID: 03445306 Report Form Type: 30d Defect Detector

Track 2, cont	
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed

Report ID: 03445306 Report Form Type: 30d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:11/20/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Employee's Name: Rick Schulz (rschulz)	PARS Number:
Track 1	
Tested: 11/21/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Took operation of drugging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
Track 2	
Tested: 11/21/2013	
Comments: tamped mt2 change out nor4h rail	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	

l est operation of dragging equipment	Completed
Hot Box Detector	
Disarrangement Date: 11/20/2013	
Disarrangement Corrected: Yes	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k

Report ID: 03475636 Report Form Type: 30d Defect Detector

Track 2, cont	
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed

Report ID: 03475636 Report Form Type: 30d Defect Detector



Division:TWIN CITIESAsset ID:BABJ8DGSubdivision:K OTest Date:12/10/2013

Milepost (with Line Segment): 26 25.30 - 25.30 State: ND

Location / Highway Name: Dalrmple HBD

County: CASS

Employee's Name: Rick Schulz (rschulz) PARS Number:

Track 1	
Tested: 12/11/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	,
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
90d	
Test modem	Completed
Turn off battery charger	Completed
Check alignment	Completed
Check transducer loading	Completed
Check transducer polarity	Completed
Verify ambient temperature reading	Completed
Calibrate scanners	Too Cold
Check integrity heat	Completed
Check case heaters	Completed
Verify alarm readout	Completed
Verify alarm settings	Completed
Verify version of software	Completed
Turn on battery charger	Completed

Report ID: 03493864 Report Form Type: 90d Defect Detector

Track 2	
Tested: 12/11/2013	
Dragging Equipment	
30d	
Inspect dragging equipment	Completed
Test operation of dragging equipment	Completed
Hot Box Detector	
Scanners	ACS - Phase II Pyro
Modem Number	7013475306
Software Version	7.8k
System	Harmon 2032
30d	
Clean lens & mirror	Completed
Inspect transducers	Completed
Inspect scanners	Completed
Check track conditions	Completed
Verify time, date, & setup	Completed
Compare R1 & R2 Ave.	Completed
Verify alarms	Completed
Check recall	Completed
Check battery voltage	Completed
Verify Train Direction	Completed
90d	
Test modem	Completed
Turn off battery charger	Completed
Check alignment	Completed
Check transducer loading	Completed
Check transducer polarity	Completed
Verify ambient temperature reading	Completed
Calibrate scanners	Too Cold
Check integrity heat	Completed
Check case heaters	Completed
Verify alarm readout	Completed
Verify alarm settings	Completed
Verify version of software	Completed
Turn on battery charger	Completed

Report ID: 03493864 Report Form Type: 90d Defect Detector