

DCA-11-FR-004
CSXT
Rear-end Collision
Mineral Springs, North Carolina
May 24, 2011

Signals & Train Control – Attachment #4
CSX, Signal Inspection Reports (Monthly)

Total pages (including cover sheet): 21



Inspection Report - Grounds Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: CAAF6VG |
| Subdivision: MONROE | Test Date: 04/27/2011 |
| Location / Highway Name: S.E. MONROE | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 306.40 - 306.40 | |
| Employee's Name: Sean Watson [REDACTED] | Force Number: [REDACTED] |

Conditions Master Key

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

| Grounds Test (FRA 236.107) | |
|----------------------------|----------------|
| Bus Nomenclature | Condition Left |
| B10 | C |
| B16 | C |
| B24 | C |
| EB | C |



Inspection Report - Switch Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: CAAF6WN |
| Subdivision: MONROE | Test Date: 04/27/2011 |
| Location / Highway Name: S.E. MONROE | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 306.40 - 306.40 | |
| Employee's Name: Sean Watson [REDACTED] | Force Number: [REDACTED] |
| 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.
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- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.

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

| Quarterly Tests | |
|---|----------------|
| Test Description & Rule | Condition Left |
| Circuit Controller Points - NORMAL (FRA 236.103) | C |
| Circuit Controller Points - REVERSE (FRA 236.103) adjusted for latch out | A |
| Shunt Fouling - Circuit Type: Fouling (FRA 236.104) | C |



Inspection Report - Switch Tests & Inspections

| | |
|--|---------------------------------|
| Division: FLORENCE | Asset ID: CAAF7XB |
| Subdivision: MONROE | Test Date: 04/26/2011 |
| Location / Highway Name: tank track | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 306.60 - 306.60 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Switch Type: Hand-operated, facing pt. 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
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.

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



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 631585U |
| Subdivision: MONROE | Test Date: 05/17/2011 |
| Location / Highway Name: JOHNSON | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 306.64 - 306.64 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
 A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|-----------|---|-----------|
| | | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | C | | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | C | GB | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | C | OB | C |
| | | XB | C |
| | | | |
| | | Stand By Power (FRA 234.251) Monthly | |
| | | | C |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | Device Nomenclature | Condition |
| | | | N |
| | | | |
| | | Cut-Out Circuits (FRA 234.269) Quarterly | |
| | | Circuit Nomenclature | Condition |
| | | | N |
| | | | |
| Insul. Jts., Bonds, & Trk. Conn. (FRA 234.271) Quarterly | C | | |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|------------------------------|
| Division: FLORENCE | Asset ID: 631587H |
| Subdivision: MONROE | Test Date: 05/17/2011 |
| Location / Highway Name: WEDDINGTON RD | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 307.59 - 307.59 | |
| Employee's Name: Donald Sulier ████████ | Force Number: ██████ |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

- C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|-----------|--|------------------|
| | | <u>Bus Nomenclature</u> | <u>Condition</u> |
| Flashing Light Units (FRA 234.253) Monthly | C | | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | C | GB | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | C | OB | C |
| | | XB | C |
| | | Stand By Power (FRA 234.251) Monthly | |
| | | C | |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | <u>Device Nomenclature</u> <u>Condition</u> | |
| | | N | |
| Insul. Jts., Bonds, & Trk. Conn. (FRA 234.271) Quarterly | C | Cut-Out Circuits (FRA 234.269) Quarterly | |
| | | <u>Circuit Nomenclature</u> <u>Condition</u> | |
| | | N | |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638861T |
| Subdivision: MONROE | Test Date: 05/17/2011 |
| Location / Highway Name: NEWTOWN RD | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 308.25 - 308.25 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
G = Governed by Special Instruction
NT = The equipment was not tested in this inspection.
N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|-----------|---|-----------|
| | | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | C | | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | C | GB | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | C | OB | C |
| | | XB | C |
| | | | |
| | | Stand By Power (FRA 234.251) Monthly C | |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | Device Nomenclature | Condition |
| | | | N |
| | | Cut-Out Circuits (FRA 234.269) Quarterly | |
| | | Circuit Nomenclature | Condition |
| | | | N |

Insul. Jts., Bonds, & Trk. Conn. (FRA 234.271) Quarterly C



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638866C |
| Subdivision: MONROE | Test Date: 05/17/2011 |
| Location / Highway Name: FLETCHER BROOME | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 309.92 - 309.92 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
 A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|-----------|---|-----------|
| | | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | C | | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | C | GB | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | C | OB | C |
| | | XB | C |
| | | Stand By Power (FRA 234.251) Monthly C | |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | Device Nomenclature | Condition |
| | | | N |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638869X |
| Subdivision: MONROE | Test Date: 05/17/2011 |
| Location / Highway Name: ROCKY RIVER RD | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 311.10 - 311.10 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

- C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
- R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|-----------|---|------------------|
| | | <u>Bus Nomenclature</u> | <u>Condition</u> |
| Flashing Light Units (FRA 234.253) Monthly | C | B | C |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | C | B10@310.5 | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | C | GB | C |
| | | Stand By Power (FRA 234.251) Monthly | |
| | | C | |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | <u>Device Nomenclature</u> | <u>Condition</u> |
| | | | N |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638870S |
| Subdivision: MONROE | Test Date: 04/25/2011 |
| Location / Highway Name: CLARENCE SECREST | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 311.32 - 311.32 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
 A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | | | | |
|--|------------------|--------------------------------|---|------------------------|
| Flashing Light Units (FRA 234.253) Monthly | Condition | <input type="text" value="C"/> | Grounds (FRA 234.249) Monthly | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | | <input type="text" value="C"/> | <u>Bus Nomenclature</u> | <u>Condition</u> |
| Warning System Operation (FRA 234.257 a & b) Monthly | | <input type="text" value="C"/> | B10@ | C |
| | | | GB | C |
| | | | OB | C |
| | | | XB | C |
| | | | Stand By Power (FRA 234.251) Monthly <input type="text" value="C"/> | |
| | | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | | <u>Device Nomenclature</u> | <u>Condition</u> |
| | | | | N |
| Insul. Jts., Bonds, & Trk. Conn. (FRA 234.271) Quarterly | | <input type="text" value="C"/> | Cut-Out Circuits (FRA 234.269) Quarterly | |
| | | | <u>Circuit Nomenclature</u> | <u>Condition</u> |
| | | | | N |
| Lamp Voltages (FRA 234.253) Annual | | <input type="text" value="C"/> | | |
| Lamp Alignment (FRA 234.253) Annual | | <input type="text" value="C"/> | | |
| Hold Clear Device (FRA 234.255 c) Annual | | <input type="text" value="C"/> | | |
| Warning Time Test Results (FRA 234.259) Annual | | | | |
| <u>Track #</u> | <u>Direction</u> | <u>Control Type</u> | <u>Timing Method</u> | <u>Time in Seconds</u> |
| 1 | N | Motion Detector | Calculated | 32 |
| 1 | S | Motion Detector | Calculated | 54 |
| Flasher Test Results (FRA 234.253) Annual | | | | |
| <u>Flasher Nomenclature</u> | | | <u>Flashes Per Minute</u> | |
| FR GCP3000 | | | 52 | |

Timing Relay & Devices Test Results (FRA 234.265) Annual

Timer Nomenclature

Design / Plan Time

Measured Time

No Data Entered or Test Not Applicable



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638870S |
| Subdivision: MONROE | Test Date: 05/18/2011 |
| Location / Highway Name: CLARENCE SECREST | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 311.32 - 311.32 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
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N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|----------------------------|---|-----------|
| | | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | <input type="checkbox"/> C | | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | <input type="checkbox"/> C | B10@ | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | <input type="checkbox"/> C | GB | C |
| | | OB | C |
| | | XB | C |
| Stand By Power (FRA 234.251) Monthly | <input type="checkbox"/> C | | |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | Device Nomenclature | Condition |
| | | | N |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638871Y |
| Subdivision: MONROE | Test Date: 05/18/2011 |
| Location / Highway Name: SR-1385 (JOHN BAKER RD, MINERIAL SPRINGS,NC.) | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 311.98 - 311.98 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
 A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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 N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| Condition | Grounds (FRA 234.249) Monthly | |
|--|-------------------------------|-----------|
| | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | [C] | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | [C] | |
| Warning System Operation (FRA 234.257 a & b) Monthly | [C] | |
| | BG | C |
| | OB | C |
| | XB | C |
| Stand By Power (FRA 234.251) Monthly | | [C] |
| Traffic Pre-Emption (FRA 234.261) Monthly | | |
| | Device Nomenclature | Condition |
| | | N |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638876H |
| Subdivision: MONROE | Test Date: 05/18/2011 |
| Location / Highway Name: COUNTY ROAD (POTTER ROAD) | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 313.80 - 313.80 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
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N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|-----------|---|---|
| | | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | C | | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | C | B | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | C | GB | C |
| | | OB | C |
| | | | Stand By Power (FRA 234.251) Monthly C |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | Device Nomenclature | Condition |
| | | | N |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|--|---------------------------------|
| Division: FLORENCE | Asset ID: 638879D |
| Subdivision: MONROE | Test Date: 05/18/2011 |
| Location / Highway Name: SR 1326 (COLLINS ROAD) | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 316.20 - 316.20 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|----------------------------|---|----------------------------|
| | | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | <input type="checkbox"/> C | | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | <input type="checkbox"/> C | B10@316.0 | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | <input type="checkbox"/> C | GB | C |
| | | OB | C |
| | | XB | C |
| | | | |
| | | Stand By Power (FRA 234.251) Monthly | <input type="checkbox"/> C |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | Device Nomenclature | Condition |
| | | | N |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638893Y |
| Subdivision: MONROE | Test Date: 04/25/2011 |
| Location / Highway Name: N. BROOM ST. | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 318.19 - 318.19 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
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NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|----------------------------|---|-----------|
| | | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | <input type="checkbox"/> C | B10 | C |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | <input type="checkbox"/> C | B10@317.8 | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | <input type="checkbox"/> C | GB | C |
| | | Stand By Power (FRA 234.251) Monthly <input type="checkbox"/> C | |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | Device Nomenclature | Condition |
| | | PRE EMPT | C |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638893Y |
| Subdivision: MONROE | Test Date: 05/19/2011 |
| Location / Highway Name: N. BROOM ST. | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 318.19 - 318.19 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
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NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|----------------------------|---|-----------|
| | | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | <input type="checkbox"/> C | B10 | C |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | <input type="checkbox"/> C | B10@317.8 | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | <input type="checkbox"/> C | GB | C |
| | | Stand By Power (FRA 234.251) Monthly <input type="checkbox"/> C | |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | Device Nomenclature | Condition |
| | | PRE EMPT | C |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638894F |
| Subdivision: MONROE | Test Date: 04/25/2011 |
| Location / Highway Name: CHURCH STREET | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 318.25 - 318.25 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
 A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|-----------|---|-----------|
| | | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | C | | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | C | GB | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | C | OB | C |
| | | OB@318.3 | C |
| | | XB | C |
| Stand By Power (FRA 234.251) Monthly | C | | |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | Device Nomenclature | Condition |
| | | | N |



Inspection Report - Highway Grade Crossing Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: 638894F |
| Subdivision: MONROE | Test Date: 05/19/2011 |
| Location / Highway Name: CHURCH STREET | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 318.25 - 318.25 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Equipment Present: Flashers/Bell/Gates | |

Conditions Master Key

C = Tests completed on all applicable components, no exceptions found, and condition left in compliance.
 A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
 R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.
 G = Governed by Special Instruction
 NT = The equipment was not tested in this inspection.
 N = Test Not Applicable.

NOTE: For Stand By Power (FRA 234.251), an indication of "C" denotes that all battery buses, as listed under Grounds (FRA 234.249), were tested. If any battery bus fails the Stand By Power test, that bus will be named in the notes associated with the Stand By Power test.

| | Condition | Grounds (FRA 234.249) Monthly | |
|--|-----------|---|-----------|
| | | Bus Nomenclature | Condition |
| Flashing Light Units (FRA 234.253) Monthly | C | | |
| Gate Arms & Mechanism (FRA 234.255 a & b) Monthly | C | GB | C |
| Warning System Operation (FRA 234.257 a & b) Monthly | C | OB | C |
| | | OB@318.3 | C |
| | | XB | C |
| | | | |
| | | Stand By Power (FRA 234.251) Monthly | |
| | C | | |
| | | Traffic Pre-Emption (FRA 234.261) Monthly | |
| | | Device Nomenclature | Condition |
| | | | N |
| | | | |
| | | Cut-Out Circuits (FRA 234.269) Quarterly | |
| | | Circuit Nomenclature | Condition |
| | | | N |
| | | | |



Inspection Report - Switch Tests & Inspections

| | |
|---|---------------------------------|
| Division: FLORENCE | Asset ID: CAAEA4X |
| Subdivision: MONROE | Test Date: 04/27/2011 |
| Location / Highway Name: n.e. waxhaw | |
| County: UNION | State: NC |
| Milepost (with Prefix): SG 318.30 - 318.30 | |
| Employee's Name: Donald Sulier [REDACTED] | Force Number: [REDACTED] |
| Switch Type: Power-operated | |

Conditions Master Key

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

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