**Mainline Switch Inspection Report Semi-Annual**

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<th>Date</th>
<th>5/15/2014</th>
<th>Inspection Crew</th>
<th>WO# 1456883</th>
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<table>
<thead>
<tr>
<th>Watchman</th>
<th>LAM</th>
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1. Location: N. Ave. YARD
2. Switch I.D. #: 34 - 1B
3. Facing: Trailing

### Rail Points

<table>
<thead>
<tr>
<th>4. Point to Point</th>
<th>58-3/16</th>
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<tbody>
<tr>
<td>5. Point Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>6. Point Throw, Min. 3 1/2 inches on house top point protected</td>
<td>N R S</td>
</tr>
<tr>
<td>6a. Point Opening</td>
<td>N R 5 3/8</td>
</tr>
<tr>
<td>7. Fit</td>
<td>S Y R</td>
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<tr>
<td>8. General Condition of the Points</td>
<td>S Y R</td>
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### Gage

<table>
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<tr>
<th>Main</th>
<th>56-5/8</th>
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</thead>
<tbody>
<tr>
<td>Turnout</td>
<td>56-1/2</td>
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11. Gage ahead of Bend |
Must not be less than 56 inches or more than 57 inches for “S”

<table>
<thead>
<tr>
<th>12. Heel Spread in Inches</th>
<th>6 1/4</th>
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<tr>
<td>Turnout</td>
<td>6 1/4</td>
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### Stock Rail

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<tr>
<th>14. Bend</th>
<th>S Y R</th>
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<tr>
<td>15. Condition</td>
<td>S Y R</td>
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### Bolts

<table>
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<tr>
<th>16. Loose</th>
<th>N/A</th>
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<tbody>
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<td>17. Missing</td>
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### Rivets (Huck Bolts)

<table>
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<th>18. Loose</th>
<th>N.A</th>
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<tr>
<td>19. Missing</td>
<td>N/A</td>
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<tr>
<td>20. Cotter Pins Missing</td>
<td>N/A</td>
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<tr>
<td>21. Jam Nuts Loose</td>
<td>N/A</td>
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<tr>
<td>21a. Washers</td>
<td>Ok</td>
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### Remarks on page 3

GMJC 11-10-2011
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Frog Inspection Report Semi-Annual</th>
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<tbody>
<tr>
<td>50 Location</td>
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<td>51 Facing</td>
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<td>52 Frog Tread</td>
<td>N SY R</td>
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<td></td>
<td>R SY R</td>
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<td>54/79 Point Condition</td>
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<tr>
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<td>56 Surface of Frog</td>
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<tr>
<td>57 Throat in Inches</td>
<td>3-5/16</td>
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<tr>
<td>72 Flangeway Depth</td>
<td>2”</td>
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<tr>
<td>Flangeway Depth must not be less than 1 1/2”</td>
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<tr>
<td>Gage</td>
<td>58 Main Track</td>
<td>56 1/4</td>
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<tr>
<td>59 Turnout Track</td>
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<td>Guard Rails</td>
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<td>R 54 3/16</td>
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<td>Guard Rail Gage must more than 54 3/8”</td>
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<td>61 Back To Back</td>
<td>N 52 3/8</td>
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<td></td>
<td>R 52 1/8</td>
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<td>67 Rail Movement</td>
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<td>Tie Plates</td>
<td>68 Lead</td>
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<td>69 Guard Rail Flangeway</td>
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<td></td>
<td>R 78</td>
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<td>Guard Rail Flangeway can not be less 1 1/2”</td>
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<td>71 Frog Plates</td>
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<tr>
<td>Bolts</td>
<td>73 Loose</td>
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<td>74 Missing</td>
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<td>Rivets (Huck)</td>
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<tr>
<td>77 Nuts Missing</td>
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<td>78 Cotter Pins Missing</td>
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<td>79 Washers Ok Broken Missing</td>
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<td>80 Hold Down Devices</td>
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<td>81 Spring Housing</td>
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<td>82 Derails</td>
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<tr>
<td>83 Maximum difference in any 31’ in Cross</td>
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<td>Level on the siding from the Frog Point to 50’ beyond the last long tie</td>
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<tr>
<td>84 Condition of Line thru entire turnout</td>
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Remarks on page 3

GM/JC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: M. Bayle  Date: 5-7-2014

11-10-2011
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<td>S Y R</td>
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<td>Nothing less than 4 inches or greater than 5 inches.</td>
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<td>Turnout 6 1/4</td>
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<td>Ok Broken 0 Missing</td>
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<tr>
<td>Remarks on page 3</td>
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<td>GMJC 11-10-2011</td>
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22 Standard Joints
23 Switch Plates
24 Adjustable Braces
24a Non-Adjustable Braces
Switch Rods
25 Front Rod
26 #1 Rod (Basket Rod)
27 #2 Rod
28 #3 Rod
29 #4 Rod
30 Closure Rail
31 Surface of Switch
Using a 62’ cord, not over 1” to 1 1/2” for a Y and no more than 1 1/2” to 1 3/4” For a R, Great than 13/4” is Out of Service
32 Head Block Ties
33 Switch Adjustments
Yes No
34 Lubrication
Ok Dry
35 Switch Targets/Lamps
Ok Missing N/A
36 Latches
Ok Broken Missing
37 Locks
Ok Broken Missing
38 General Condition
S Y R
39 Insulated Joints
S Y R
39a Regular Joints
S Y R
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<th><strong>Frog Inspection Report Semi-Annual</strong></th>
<th><strong>Page 2 of 3</strong></th>
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<td>52 Frog Tread</td>
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<td>57 Throat in Inches</td>
<td>3 5/16</td>
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<td>58 Main Track</td>
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<td><strong>Guard Rails</strong></td>
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<tr>
<td>60 Guard Rail Gage N</td>
<td>M R 5 4 3/4</td>
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<tr>
<td>61 Back To Back</td>
<td>N 52 3/8 R 52 9/16</td>
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<tr>
<td>65 Turnout Track</td>
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</table>

Class 1 Gage 56” to 57 1/2”

**More than 57 1/2” Out of Service**

Class 3 Gage 56” to 57”

**More than 57” to 57 1/2” downgrade to Class 2 and gets a Y**

**Turnout Ties**

| 66 Condition | SYR N/A |                |
| 67 Rail Movement | SYR N/A |                |

**Tie Plates**

| 68 Lead | SYR N/A |                |
| 69 Guard Rail Flangeway | SYRN 2 N/A R 2” |                |
| Guard Rail Flangeway can not be less 1 1/2” |        |
| 70 Guard Rail Plates | SYR N/A |                |
| 71 Frog Plates | SYR N/A |                |

**Bolts**

| 73 Loose | 0 N/A |                |
| 74 Missing | 0 N/A |                |

**Rivets (Huck)**

| 75 Loose | 0 N/A |                |
| 76 Missing | 0 N/A |                |
| 77 Nuts Missing | 0 N/A |                |
| 78 Cotter Pins Missing | 0 N/A |                |
| 79 Washers (OK) Broken Missing N/A |        |

| 80 Hold Down Devices | SYR N/A |                |
| 81 Spring Housing | SYR N/A |                |

| 82 Derails | SYR N/A |                |

**83 Maximum difference in any 31’ in Cross**

Level on the siding from the Frog Point to 50’ beyond the last long tie

Ok Difference____

| 84 Condition of Line thru entire turnout | SYR |                |

**Remarks on page 3**

GMJC 11-10-2011
2 gage Rods on Curve due to Timbers worn out.

Everything is Class 3 for Mainline and Class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]
Date: 5-7-2014

11-10-2011
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<tr>
<td><strong>Rail Points</strong></td>
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</tr>
<tr>
<td>4 Point to Point</td>
<td>50%</td>
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</tr>
</tbody>
</table>
50 Location **N/A**
50a Switch I.D. # **3-19**
51 Facing **Trailing**
52 Frog Tread N **S** R
    R **S** R
53 Frog # **6**
54/79 Point Condition S **Y** R
55 Condition of Frog S **Y** R
56 Surface of Frog S **Y** R
57 Throat in Inches 3 3/8
58 Main Track 56 1/2
59 Turnout Track 56 1/4

**Frog Inspection Report Semi-Annual**

**Turnout Ties**
66 Condition  (S) Y R N/A
67 Rail Movement  (S) Y R N/A

**Tie Plates**
68 Lead  (S) Y R N/A
69 Guard Rail Flangeway  (S) Y R N/A
69 Guard Rail Flangeway can not be less 1 3/4"  (Yes)
70 Guard Rail Plates  (S) Y R N/A
71 Frog Plates  (S) Y R N/A

**Bolts**
73 Loose  0 N/A
74 Missing  0 N/A

**Rivets (Huck)**
75 Loose  0 N/A
76 Missing  8 N/A
77 Nuts Missing  0 N/A
78 Cotter Pins Missing  0 N/A
79 Washers Ok

**Hold Down Devices**
80 Hold Down Devices  (S) Y R N/A
81 Spring Housing  (S) Y R N/A
82 Derails  (S) Y R N/A
83 Maximum difference in any 31' in Cross

**Level on the siding from the Frog Point to 50' beyond the last long tie**
84 Condition of Line thru entire turnout  (S) Y R

**Class 1 Gage 56" to 57 1/2"**

**More than 57 1/2" Out of Service**
Class 3 Gage 56" to 57"

**More than 57" to 57 1/2" downgrade to Class 2 and gets a Y**

Remarks on page 3

GMJC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 5-7-2014

11-10-2011
### Mainline Switch Inspection Report Semi-Annual

**Date:** 5/5/2014  
**Inspection Crew:** ALCHIN

#### Rail Points

- **4 Point to Point:** 51"
- **5 Point Condition:** SYR  
  - Nothing less than 4 inches or greater than 5 inches.
- **6 Point Throw, Min 3 1/2 inches on house top point protected:** N 5 1/2 R
- **6a Point Opening:** N 5 1/2 R
- **7 Fit:** SYR
- **8 General Condition of the Points:** SYR

#### Gage

- **9 Heel of Switch:** 5 1/8
- **10 Turnout:** 56 3/8
- **11 Gage ahead of Bend:** 56 1/6
  - Must not be less than 56 inches or more than 57 inches for “S”
- **12 Heel Spread in Inches:** Turnout 6 3/4
- **13 Main:** Turnout 6 3/4

#### Stock Rail

- **14 Bend:** SYR
- **15 Condition:** SYR

#### Bolts

- **16 Loose:** 0  
  - N/A
- **17 Missing:** 0  
  - N/A

#### Rivets (Huck Bolts)

- **18 Loose:** 0  
  - N.A
- **19 Missing:** 0  
  - N/A
- **20 Cotter Pins Missing:** 0  
  - N/A
- **21 Jam Nuts Loose:** N/A
- **21a Washers:** OK  
  - Broken  
  - Missing

**Remarks on page 3**

GM JC 11-16-2011
Mainline

50 Location  
50a Switch I.D.  
51 Facing  
52 Frog Tread N  
      R  
53 Frog #  
54/79 Point Condition  
      S Y R  
55 Condition of Frog  
      S Y R  
56 Surface of Frog  
      S Y R  

57 Throat in Inches  
58 Main Track  
59 Turnout Track  

Flangeway Depth must not be less than 1 1/2”

Gage
56/79 Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N  
61 Back To Back  

Guard Rail Gage must more than 54 3/8”

62 Condition  
63 Location of Guard Rail (Relation to Point)  

Guard Rail Clamps
64 Main Track  
65 Turnout Track  

S Y R N/A  

Class 1 Gage 56” to 57 1/2”

More than 57 1/2” Out of Service
Class 3 Gage 56” to 57”

More than 57” to 57 1/2” downgrade to
Class 2 and gets a Y

Remarks on page 3

GM/JC 11-10-2011

Frog Inspection Report Semi-Annual

Page 2 of 3

Turnout Ties
66 Condition  
67 Rail Movement  

Tie Plates
68 Lead  
69 Guard Rail Flangeway  

Guard Rail Flangeway can not be less 1 1/2”

70 Guard Rail Plates  
71 Frog Plates  

Bolts
72 Flangeway Depth  

73 Loose  
74 Missing  

Rivets (Huck)
75 Loose  
76 Missing  
77 Nuts Missing  
78 Cotter Pins Missing  
79 Washers

80 Hold Down Devices  
81 Spring Housing  
82 Derails  

83 Maximum difference in any 31’ in Cross

Level on the siding from the Frog Point to
50’ beyond the last long tie
Ok

84 Condition of Line thru entire turnout  

S Y R
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by:  

Date: 5-7-2010

11-10-2011
# Mainline Switch Inspection Report Semi-Annual

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<th>07/06/2014</th>
<th>Inspection Crew</th>
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<td>1 Location</td>
<td>CMN 207</td>
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<td>2 Switch I.D.</td>
<td>207 1A</td>
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<td>3 Facing</td>
<td>Trailing</td>
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## Rail Points

<table>
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<tr>
<th>4 Point to Point</th>
<th>51</th>
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<tbody>
<tr>
<td>5 Point Condition</td>
<td>SYR N/A</td>
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<tr>
<td>6 Point Throw</td>
<td>Min 3 1/2 inches on house top point protected</td>
</tr>
<tr>
<td>6a Point Opening</td>
<td>N 5'</td>
</tr>
<tr>
<td>7 Fit</td>
<td>SYR</td>
</tr>
<tr>
<td>8 General Condition of the Points</td>
<td>SYR</td>
</tr>
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</table>

### Gage

| 9 Main | 56 1/4 |
| 10 Turnout | 56 1/4 |
| 11 Gage ahead of Bend | 56 1/4 |
| Must not be less than 56 inches or more than 57 inches for “S” |
| 12 Heel Spread in Inches | Turnout 6 1/4 |
| 13 Main | 6 3/8 |

## Stock Rail

| 14 Bend       | SYR      |
| 15 Condition  | SYR      |

## Bolts

| 16 Loose      | O N/A    |
| 17 Missing    | O N/A    |

## Rivets (Huck Bolts)

| 18 Loose      | O N/A |
| 19 Missing    | O N/A |
| 20 Cotter Pins Missing | O N/A |
| 21 Jam Nuts Loose | O N/A |
| 21a Washers   | OK Broken Miss |

### Remarks on page 3

GMJC 11-10-2011
**Mainline**

50 Location
50a Switch I.D. # _______________________
51 Facing ____________________________
52 Frog Tread N Y R R Y R
53 Frog # 10 _________________________
54/79 Point Condition __________________
Y R
55 Condition of Frog ___________________
Y R
56 Surface of Frog ______________________
Y R

57 Throat in Inches 3 3/4
72 Flangeway Depth 1 15/16
Flangeway Depth must not be less than 1 3/4"

**Gage**
58 Main Track 56 1/2
59 Turnout Track 56 1/2
Gage must not be less than 56" any class

**Guard Rails**
60 Guard Rail Gage N 5 3/8 R 5 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 3/8 R 5 3/8
Back to Back Gage must be less than 53 1/8"
62 Condition ________________________
Y R
63 Location of Guard Rail (Relation to Point) _______________________
Y R

**Guard Rail Clamps**
64 Main Track _________________________
Y R N/A
65 Turnout Track _______________________
Y R N/A

Class 1 Gage 56" to 57 1/2"
More than 57 3/4" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 1/4" downgrade to Class 2 and gets a Y

**Turnout Ties**
66 Condition _________________________
Y R N/A
67 Rail Movement ______________________
Y R N/A

**Tie Plates**
68 Lead _____________________________
Y R N/A
69 Guard Rail Flangeway _______________________
Y R N 1 3/8 R 1 3/8
Guard Rail Flangeway can not be less 1 3/4"
70 Guard Rail Plates ___________________
Y R N/A
71 Frog Plates _________________________
Y R N/A

**Bolts**
72 Loose ____________________________
0 N/A
74 Missing __________________________
0 N/A

**Rivets (Huck)**
73 Loose ____________________________
0 N/A
76 Missing __________________________
0 N/A
77 Nuts Missing ______________________
0 N/A
78 Cotter Pins Missing _________________
0 N/A
79 Washers OK Broken Missing ___________
N/A

80 Hold Down Devices __________________
Y R N/A
81 Spring Housing ______________________
Y R N/A
82 Derails _____________________________
Y R N/A

83 Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond the last long tie

84 Condition of Line thru entire turnout __________________________
Y R

Remarks on page 3

GMJC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  
Date: 5-7-2014

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 5/6/14

Inspection Crew

Watchman

1 Location CMN 207
2 Switch I.D. # 207 3B
3 Facing X Trailing

Rail Points
4 Point to Point 50 1/2
5 Point Condition SYR Nothing less than 4 inches or greater than 5 inches.
6 Point Throw, Min 3 1/2 inches on house top point protected
N S Y R R 5 1/2
6a Point Opening N S Y R R 5 1/2
7 Fit SYR
8 General Condition of the Points SYR

Gage
9 Heel of Switch S Y R 50
10 Turnout 56 1/2
11 Gage ahead of Bend S Y R 50
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout 16 1/2
13 Main 16 1/2

Stock Rail
14 Bend SYR
15 Condition SYR

Bolts
16 Loose 0 N/A
17 Missing 0 N/A

Rivets (Huck Bolts)
18 Loose 0 N/A
19 Missing 0 N/A
20 Cotter Pins Missing 0 N/A
21 Jam Nuts Loose 0 N/A
21a Washers OK Broken Missing

Remarks on page 3

WO# 1446293

22 Standard Joints SYR N/A
23 Switch Plates SYR
24 Adjustable Braces SYR N/A
24a Non-Adjustable Braces SYR N/A

Switch Rods
25 Front Rod SYR N/A
26 #1 Rod (Basket Rod) SYR
27 #2 Rod SYR
28 #3 Rod SYR N/A
29 #4 Rod SYR N/A
30 Closure Rail SYR

31 Surface of Switch SYR
Using a 62” cord, not over
1” to 1 1/2” for a Y and no
more than 1 1/2” to 1 3/4”
For a R, Great than 13/4” is Out
of Service

32 Head Block Ties SYR
33 Switch Adjustments Yes No
34 Lubrication OK Dry
35 Switch Targets/Lamps OK Missing N/A
36 Latches OK Broken Missing

37 Locks OK Broken Missing
38 General Condition SYR

39 Insulated Joints SYR
39a Regular Joints SYR

CMJC 11-10-2011
50 Location
50a Switch I.D. #
51 Facing Trailing
52 Frog Tread N Y R
      R Y R
53 Frog # 10
54/79 Point Condition
      Y R
55 Condition of Frog
      Y R
56 Surface of Frog
      Y R
57 Throat in Inches 3 1/4
72 Flangeway Depth 1/2
Flangeway Depth must not be less than 1 1/2"
Gage
58 Main Track 5 1/2
59 Turnout Track 5 3/8
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 5 3/8 R 5 3/4
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 3 1/2 R 5 1/2
Back to Back Gage must be less than 53 1/8"
62 Condition
      Y R
63 Location of Guard Rail (Relation to Point)
      Y R
Guard Rail Clamps
64 Main Track
      Y R N/A
65 Turnout Track
      Y R N/A

Class 1 Gage 56" to 57 1/2"
More than 57 1/2" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 1/2" downgrade to
Class 2 and gets a Y

Turnout Ties
66 Condition
      Y R N/A
67 Rail Movement
      Y R N/A

Tie Plates
68 Lead
      Y R N/A
69 Guard Rail Flangeway
      Y R N/A
69 1/4 R 1 5/8
Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates
      Y R N/A
71 Frog Plates
      Y R N/A

Bolts
73 Loose
      N/A
74 Missing
      N/A

Rivets (Huck)
75 Loose
      N/A
76 Missing
      N/A
77 Nuts Missing
      N/A
78 Cotter Pins Missing
      N/A
79 Washers
      Broken
      Missing
      N/A

80 Hold Down Devices
      Y R N/A
81 Spring Housing
      Y R N/A
82 Derails
      Y R N/A

83 Maximum difference in any 31' in Cross
Level on the siding from the Frog Point to
50' beyond the last long tie
      Y R

84 Condition of Line thru entire turnout
      Y R

Remarks on page 3
GMJC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: ___________________________ Date: 5-7-2014

11-10-2011
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<td>Date 5/6/2014</td>
<td>Page 1 of 3</td>
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<td>Inspection Crew Alchin Schisler Pollaro</td>
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<td>2 Switch I.D. # SW 124 1B</td>
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<td>3 Facing          Trailing</td>
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<tr>
<td><strong>Rail Points</strong></td>
<td></td>
</tr>
<tr>
<td>4 Point to Point 50 1/4</td>
<td></td>
</tr>
<tr>
<td>5 Point Condition S Y R</td>
<td></td>
</tr>
<tr>
<td>Nothing less than 4 inches or greater than 5 inches.</td>
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<tr>
<td>6 Point Throw, Min 3 1/2 inches on house top point protected N 4 1/8 R 4 7/8</td>
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</tr>
<tr>
<td>6a Point Opening N 5 1/8 R 5 1/8</td>
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<tr>
<td>7 Fit S Y R</td>
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</tr>
<tr>
<td>8 General Condition of the Points S Y R</td>
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<tr>
<td><strong>Gage</strong></td>
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<tr>
<td>Heel of Switch 56 1/4</td>
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<tr>
<td>9 Main 56 1/2</td>
<td></td>
</tr>
<tr>
<td>10 Turnout 56 1/2</td>
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<tr>
<td>11 Gage ahead of Bend 56 1/2</td>
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<tr>
<td>Must not be less than 56 inches or more than 57 inches for &quot;S&quot;</td>
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</tr>
<tr>
<td>12 Heel Spread in Inches Turnout 56 1/2</td>
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<tr>
<td>13 Main 60 1/2</td>
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</tr>
<tr>
<td><strong>Stock Rail</strong></td>
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</tr>
<tr>
<td>14 Bend S Y R</td>
<td></td>
</tr>
<tr>
<td>15 Condition S Y R</td>
<td></td>
</tr>
<tr>
<td><strong>Bolts</strong></td>
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</tr>
<tr>
<td>16 Loose          N/A</td>
<td></td>
</tr>
<tr>
<td>17 Missing        N/A</td>
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<tr>
<td><strong>Rivets (Huck Bolts)</strong></td>
<td></td>
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<tr>
<td>18 Cotter Pins Missing N/A</td>
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</tr>
<tr>
<td>19 Cotter Pins Missing O N/A</td>
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<tr>
<td>20 Cotter Pins Missing O N/A</td>
<td></td>
</tr>
<tr>
<td>21 Jam Nuts Loose O N/A</td>
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<tr>
<td>21a Washers Ok Broken Missing</td>
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</tr>
<tr>
<td><strong>Remarks on page 3</strong></td>
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</tbody>
</table>

GMJC 11-10-2011
Mainline  Frog Inspection Report Semi-Annual  Page 2 of 3

50 Location
50a Switch I.D. #
51 Facing  Trailing
52 Frog Tread  N  Y R  R  Y R
53 Frog #
54/79 Point Condition  Y R
55 Condition of Frog  Y R
56 Surface of Frog  Y R
57 Throat in Inches
72 Flangeway Depth
Flangeway Depth must not be less than 1 ¼"
Gage
58 Main Track  Y R
59 Turnout Track  Y R
Gage must not be less than 56” any class
Guard Rails
60 Guard Rail Gage N  Y R  54 ½
61 Back To Back  N  Y R  52 ¾
Guard Rail Gage must more than 54 3/8"
62 Back to Back Gage must be less than 53 1/8"
63 Location of Guard Rail (Relation to Point)
64 Guard Rail Clamps
65 Turnout Track  Y R  N/A

Class 1 Gage 56” to 57 ½”
More than 57 ¼” Out of Service
Class 3 Gage 56” to 57”
More than 57” to 57 ¼” downgrade to Class 2 and gets a Y

Turnout Ties
66 Condition
67 Rail Movement  Y R  N/A
Tie Plates
68 Lead  Y R  N/A
69 Guard Rail Flangeway  Y R  N/A
Guard Rail Flangeway can not be less 1 ¼"
Guard Rail Flangeway
70 Guard Rail Plates  Y R  N/A
71 Frog Plates  Y R  N/A
Bolts
72 Loose  N/A
74 Missing  N/A
Rivets (Huck)
75 Loose  N/A
77 Nuts Missing  N/A
78 Cotter Pins Missing  N/A
79 Washers  Ok  Broken  Missing  N/A

Hold Down Devices  Y R  N/A
81 Spring Housing  Y R  N/A
82 Derails  Y R  N/A
83 Maximum difference in any 31’ in Cross
Level on the siding from the Frog Point to 50’ beyond the last long tie
Ok  Difference
84 Condition of Line thru entire turnout  Y R

Remarks on page 3
GMJC 11-10-2011
No New Defects Noted

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]
Date: May 7, 2014

11-10-2011
**Mainline**   **Switch Inspection Report Semi-Annual**

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<th>Date</th>
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<th>Alchim Schuster Pollaro</th>
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<tr>
<td>3 Facing</td>
<td>Trailing</td>
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**Rail Points**

| 4 Point to Point | 51 1/8  |
| 5 Point Condition | SYR     |
| Nothing less than 4 inches or greater than 5 inches. |
| 6 Point Throw, Min 3 1/2 inches on house top point protected | 4 1/4rd |
| 6a Point Opening | NSR  |
| 7 Fit            | SYR     |
| 8 General Condition of the Points | SYR |

**Gage**

| 9 Main        | 5 1/2   |
| 10 Turnout    | 5 1/2   |
| 11 Gage ahead of Bend | 5 1/2  |
| Must not be less than 56 inches or more than 57 inches for “S” |
| 12 Heel Spread in Inches | 1 3/8 |
| Turnout       | 1/4  |

**Stock Rail**

| 14 Bend      | SYR     |
| 15 Condition | SYR     |

**Bolts**

| 16 Loose    | O N/A   |
| 17 Missing  | O N/A   |

**Rivets (Huck Bolts)**

| 18 Loose    | O N/A   |
| 19 Missing  | O N/A   |
| 20 Cotter Pins Missing | O N/A |
| 21 Jam Nuts Loose | O N/A |
| 21a Washers | Ok Broken | N/A |

**Remarks on page 3**

GMJC 11-10-11
### Mainline

- **50 Location**
- **50a Switch I.D. #**
- **51 Facing**
- **52 Frog Tread**
- **53 Frog #**
- **54/79 Point Condition**
  - Y R
- **55 Condition of Frog**
  - Y R
- **56 Surface of Frog**
  - Y R
- **57 Throat in Inches**
  - 3/4
- **72 Flangeway Depth**
  - 1 1/2

Flangeway Depth must not be less than 1 1/2"

### Gage

- **58 Main Track**
  - 56 3/4
- **59 Turnout Track**
  - 56 5/8

Gage must not be less than 56” any class

### Guard Rails

- **60 Guard Rail Gage**
  - 54 3/4
- **61 Back To Back Gage**
  - 52 3/4

Guard Rail Gage must more than 54 3/8"

### Guard Rail Clamps

- **64 Main Track**
  - Y R N/A
- **65 Turnout Track**
  - Y R N/A

### Turnout Ties

- **66 Condition**
  - Y R N/A
- **67 Rail Movement**
  - Y R N/A

### Tie Plates

- **68 Lead**
  - Y R N/A
- **69 Guard Rail Flangeway**
  - Y R N/A

Guard Rail Flangeway can not be less than 1 1/2"

- **70 Guard Rail Plates**
  - Y R N/A
- **71 Frog Plates**
  - Y R N/A

### Bolts

- **73 Loose**
  - 0 N/A
- **74 Missing**
  - 0 N/A

### Rivets (Huck)

- **75 Loose**
  - 0 N/A
- **76 Missing**
  - 0 N/A
- **77 Nuts Missing**
  - 0 N/A
- **78 Cotter Pins Missing**
  - 0 N/A
- **79 Washers**
  - Ok Broken Missing N/A

### Hold Down Devices

- **80 Hold Down Devices**
  - Y R N/A

### Derails

- **82 Derails**
  - Y R N/A

### Maximum difference in any 31' in Cross

Level on the siding from the Frog Point to 50' beyond the last long tie

### Remarks

- **More than 57 1/2" Out of Service**
- **Class 3 Gage 56” to 57”**
- **More than 57" to 57 1/2" downgrade to Class 2 and gets a Y**

**Remarks on page 3**

GM/JC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: May 7, 2014
## Mainline Switch Inspection Report Semi-Annual

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<th>1 Location 12-4 N.C. M.</th>
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<tbody>
<tr>
<td>2 Switch I.D. # SW 124 A - OLD PRR STANDARDS</td>
<td></td>
</tr>
<tr>
<td>3 Facing X Trailing</td>
<td></td>
</tr>
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</table>

### Rail Points

<table>
<thead>
<tr>
<th>4 Point to Point</th>
<th>50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Point Condition</td>
<td></td>
</tr>
<tr>
<td>S Y R Nothing less than 4 inches or greater than 5 inches.</td>
<td></td>
</tr>
<tr>
<td>6 Point Throw, Min 3 1/2 inches on house top point protected</td>
<td></td>
</tr>
<tr>
<td>N S % R S %</td>
<td></td>
</tr>
<tr>
<td>6a Point Opening</td>
<td></td>
</tr>
<tr>
<td>N S % R S %</td>
<td></td>
</tr>
<tr>
<td>7 Fit</td>
<td>S Y R</td>
</tr>
<tr>
<td>8 General Condition of the Points</td>
<td>S Y R</td>
</tr>
</tbody>
</table>

#### Gage

<table>
<thead>
<tr>
<th>Heel of Switch</th>
<th>S 6/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnout Gage ahead of Bend</td>
<td>S S/6</td>
</tr>
<tr>
<td>Must not be less than 56 inches or more than 57 inches for &quot;S&quot;</td>
<td></td>
</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td></td>
</tr>
<tr>
<td>Turnout S 1/4</td>
<td></td>
</tr>
<tr>
<td>13 Main S 1/4</td>
<td></td>
</tr>
</tbody>
</table>

#### Stock Rail

<table>
<thead>
<tr>
<th>14 Bend</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R</td>
</tr>
<tr>
<td>15 Condition</td>
</tr>
</tbody>
</table>

#### Bolts

<table>
<thead>
<tr>
<th>16 Loose</th>
<th>0 N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 Missing</td>
<td>0 N/A</td>
</tr>
</tbody>
</table>

#### Rivets (Huck Bolts)

<table>
<thead>
<tr>
<th>18 Loose</th>
<th>0 N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 Missing</td>
<td>0 N/A</td>
</tr>
<tr>
<td>20 Cotter Pins Missing</td>
<td>0 N/A</td>
</tr>
<tr>
<td>21 Jam Nuts Loose</td>
<td>0 N/A</td>
</tr>
<tr>
<td>21a Washers OK Broken</td>
<td>Missing</td>
</tr>
</tbody>
</table>

### Remarks on page 3

GMJC 11-10-2011
Mainline

50 Location
50a Switch I.D. # ________
51 Facing Trailing
52 Frog Tread N Y R
R(Y R
53 Frog # 0
54/79 Point Condition Y R
55 Condition of Frog Y R
56 Surface of Frog Y R

57 Throat in Inches 2 7/8
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2”

Gage
58 Main Track 56 3/8
59 Turnout Track 52 3/8
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 4 3/4 R 4 3/4
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 3 1/2 R 3 1/2
Back to Back Gage must be less than 53 1/8”
62 Condition Y R
63 Location of Guard Rail (Relation to Point) Y R

Guard Rail Clamps
64 Main Track Y R N/A
65 Turnout Track Y R N/A

Class 1 Gage 56” to 57 1/2”
More than 57 1/2” Out of Service
Class 3 Gage 56” to 57”
More than 57” to 57 1/2” downgrade to
Class 2 and gets a Y

Frog Inspection Report Semi-Annual

Turnout Ties
66 Condition Y R N/A
67 Rail Movement Y R N/A

Tie Plates
68 Lead Y R N/A
69 Guard Rail Flangeway Y R N 1 3/4 R 2 1/4
Guard Rail Flangeway can not be less 1 1/2”
70 Guard Rail Plates Y R N/A
71 Frog Plates Y R N/A

Bolts
73 Loose o N/A
74 Missing o N/A

Rivets (Huck)
75 Loose o N/A
76 Missing o N/A
77 Nuts Missing o N/A
78 Cotter Pins Missing o N/A
79 Washers (Ok Broken Missing) N/A

Hold Down Devices
80 Y R N/A

S 81 Spring Housing Y R N/A
82 Derails Y R N/A

83 Maximum difference in any 31’ in Cross
Level on the siding from the Frog Point to
50’ beyond the last long tie
Ok Difference

84 Condition of Line thru entire turnout Y R

Remarks on page 3

GM JC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]
Date: May 7, 2014

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 5/13/2014 Inspection Crew SCHEISER, N ALCHIN

Watchman M. CULLEN

1 Location CM 126 NW
2 Switch I.D. # 126 MOW SW
3 Facing X Trailing

Rail Points
4 Point to Point 51 ft
5 Point Condition
6 Point Throw, Min 3 1/2 inches on house top point protected

6a Point Opening
N Fit
R 5

7 Fit
S Y R

8 General Condition of the Points
S Y R

Gage
9 Heel of Switch
S Main 51 ft

10 Turnout 56 ft

11 Gage ahead of Bend 56 ft
Must not be less than 56 inches or more than 56 inches for “S”

12 Heel Spread in Inches

Turnout 6 3/4

13 Main 6 3/4

Stock Rail
14 Bend
S Y R

15 Condition
S Y R

Bolts
16 Loose 0 N/A
17 Missing 0 N/A

Rivets (Huck Bolts)
18 Loose 0 N.A
19 Missing 0 N/A
20 Cotter Pins Missing 0 N/A
21 Jam Nuts Loose 0 N/A
21a Washers Ok Broken 0 Missing

Remarks on page 3

GMC 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N S Y R
R S Y R
53 Frog # 8
54/79 Point Condition
S Y R
55 Condition of Frog
S Y R
56 Surface of Frog
S Y R

57 Throat in Inches

58 Main Track S 8
59 Turnout Track S 8

Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N ≤ 5 Y R ≤ 5

61 Back To Back N ≤ 5 Y R ≤ 5

Back to Back Gage must be less than 53 1/8”

62 Condition
S Y R

63 Location of Guard Rail (Relation to Point)
S Y R

Guard Rail Clamps
64 Main Track S Y R N/A

65 Turnout Track S Y R N/A

Class 1 Gage 56” to 57 1/2”
More than 57 1/2” Out of Service
Class 3 Gage 56” to 57”
More than 57” to 57 1/4” downgrade to Class 2 and gets a Y

Remarks on page 3

GM/JC 11-10-2011

Turnout Ties
66 Condition
S Y R N/A

67 Rail Movement
S Y R N/A

Tie Plates
68 Lead
S Y R N/A

69 Guard Rail Flangeway
S Y R N/A

Guard Rail Flangeway can not be less 1 1/4”

70 Guard Rail Plates
S Y R N/A

71 Frog Plates
S Y R N/A

Bolts
73 Loose o N/A

74 Missing o N/A

Rivets (Huck)
75 Loose o N/A

76 Missing o N/A

77 Nuts Missing o N/A

78 Cotter Pins Missing o N/A

79 Washers Ok Broken Missing N/A

80 Hold Down Devices
S Y R N/A

81 Spring Housing
S Y R N/A

82 Derails
S Y R N/A

83 Maximum difference in any 31’ in Cross Level on the siding from the Frog Point to
50’ beyond the last long tie
Ok Difference

84 Condition of Line thru entire turnout
S Y R
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: ___________________________ Date: 5-19-14

11-10-2011
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Switch Inspection Report Semi-Annual</th>
<th>WO# 1460467</th>
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<tr>
<td>Date</td>
<td>5/13/14</td>
<td></td>
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<tr>
<td>Watchman</td>
<td>4 J. Manley</td>
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<td>CM 12.4 N</td>
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<td>2 Switch I.D.</td>
<td>#124cm w/sw 3A</td>
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<td>3 Facing</td>
<td>Trailing</td>
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<tr>
<td><strong>Rail Points</strong></td>
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<tr>
<td>4 Point to Point</td>
<td>5 1/2</td>
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<tr>
<td>5 Point Condition</td>
<td><strong>S Y R</strong> Nothing less than 4 inches or greater than 5 inches.</td>
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<tr>
<td>6 Point Throw, Min 3 1/2 inches on house top point protected</td>
<td>N 4 1/4 R</td>
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<tr>
<td>6a Point Opening</td>
<td>N 3 R</td>
<td></td>
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<tr>
<td>7 Fit</td>
<td><strong>S Y R</strong></td>
<td></td>
</tr>
<tr>
<td>8 General Condition of the Points</td>
<td><strong>S Y R</strong></td>
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<tr>
<td><strong>Gage</strong></td>
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<tr>
<td>Heel of Switch</td>
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<td></td>
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<tr>
<td>9 Main</td>
<td>5 6 1/2 R</td>
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</tr>
<tr>
<td>10 Turnout</td>
<td>5 6 1/2</td>
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</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>5 6 1/2</td>
<td></td>
</tr>
<tr>
<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td>Turnout 6 1/2</td>
<td></td>
</tr>
<tr>
<td>13 Main</td>
<td>6 1/2</td>
<td></td>
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<td><strong>Stock Rail</strong></td>
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<tr>
<td>14 Bend</td>
<td><strong>S Y R</strong></td>
<td></td>
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<tr>
<td>15 Condition</td>
<td><strong>S Y R</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Bolts</strong></td>
<td></td>
<td></td>
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<tr>
<td>16 Loose</td>
<td>0</td>
<td>N/A</td>
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<tr>
<td>17 Missing</td>
<td>0</td>
<td>N/A</td>
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<tr>
<td><strong>Rivets (Huck Bolts)</strong></td>
<td></td>
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<tr>
<td>18 Loose</td>
<td>0</td>
<td>N/A</td>
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<tr>
<td>19 Missing</td>
<td>0</td>
<td>N/A</td>
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<td>20 Cotter Pins Missing</td>
<td>0</td>
<td>N/A</td>
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<tr>
<td>21 Jam Nuts Loose</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>21a Washers</td>
<td><strong>Ok</strong> Broken</td>
<td>Missing</td>
</tr>
<tr>
<td><strong>Remarks on page 3</strong></td>
<td></td>
<td></td>
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<tr>
<td>GMJC 11-10-2011</td>
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<tr>
<td>Mainline</td>
<td>Frog Inspection Report Semi-Annual</td>
<td>Page 2 of 3</td>
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<tr>
<td>----------</td>
<td>-----------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>50 Location</strong></td>
<td><strong>50a Switch I.D. #</strong></td>
<td><strong>51 Facing</strong></td>
</tr>
<tr>
<td><strong>52 Frog Tread</strong></td>
<td><strong>N</strong></td>
<td><strong>R</strong></td>
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<tr>
<td><strong>53 Frog #</strong></td>
<td><strong>1</strong></td>
<td><strong>54/79 Point Condition</strong></td>
</tr>
<tr>
<td><strong>55 Condition of Frog</strong></td>
<td><strong>S</strong></td>
<td><strong>Y</strong></td>
</tr>
<tr>
<td><strong>56 Surface of Frog</strong></td>
<td><strong>S</strong></td>
<td><strong>Y</strong></td>
</tr>
<tr>
<td><strong>57 Throat in Inches</strong></td>
<td><strong>3 7/8</strong></td>
<td></td>
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<tr>
<td><strong>72 Flangeway Depth</strong></td>
<td><strong>2 1/4</strong></td>
<td></td>
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<tr>
<td><strong>Flangeway Depth must not be less than 1 3/4</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>58 Main Track</strong></td>
<td><strong>Gage</strong></td>
<td><strong>59 Turnout Track</strong></td>
</tr>
<tr>
<td><strong>Gage must not be less than 56” any class</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>60 Guard Rail Gage N</strong></td>
<td><strong>61 Back To Back</strong></td>
<td><strong>N</strong></td>
</tr>
<tr>
<td><strong>62 Condition</strong></td>
<td><strong>S</strong></td>
<td><strong>Y</strong></td>
</tr>
<tr>
<td><strong>63 Location of Guard Rail (Relation to Point)</strong></td>
<td><strong>S</strong></td>
<td><strong>Y</strong></td>
</tr>
<tr>
<td><strong>Guard Rail Clamps</strong></td>
<td><strong>64 Main Track</strong></td>
<td><strong>65 Turnout Track</strong></td>
</tr>
<tr>
<td><strong>66 Condition</strong></td>
<td><strong>67 Rail Movement</strong></td>
<td></td>
</tr>
<tr>
<td><strong>68 Lead</strong></td>
<td><strong>69 Guard Rail Flangeway</strong></td>
<td></td>
</tr>
<tr>
<td><strong>70 Guard Rail Plates</strong></td>
<td><strong>71 Frog Plates</strong></td>
<td></td>
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<tr>
<td><strong>72 Bolts</strong></td>
<td><strong>73 Loose</strong></td>
<td><strong>74 Missing</strong></td>
</tr>
<tr>
<td><strong>75 Rivets (Huck)</strong></td>
<td><strong>76 Missing</strong></td>
<td><strong>77 Nuts Missing</strong></td>
</tr>
<tr>
<td><strong>78 Cotter Pins Missing</strong></td>
<td><strong>79 Washers</strong></td>
<td><strong>80 Hold Down Devices</strong></td>
</tr>
<tr>
<td><strong>81 Spring Housing</strong></td>
<td><strong>82 Derails</strong></td>
<td><strong>83 Maximum difference in any 31’ in Cross</strong></td>
</tr>
<tr>
<td><strong>Level on the siding from the Frog Point to</strong></td>
<td><strong>50’ beyond the last long tie</strong></td>
<td><strong>Ok</strong></td>
</tr>
<tr>
<td><strong>84 Condition of Line thru entire turnout</strong></td>
<td><strong>50’ beyond the last long tie</strong></td>
<td><strong>Ok</strong></td>
</tr>
</tbody>
</table>

**Notes:**
- Class 1 Gage 56” to 57 1/4”
- More than 57 1/4” Out of Service
- Class 3 Gage 56” to 57”
- More than 57” to 57 1/4” downgrade to Class 2 and gets a Y

**Remarks on page 3**

GMJC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 5-19-14

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date: 5/13/14
Watchman: T. Schusler
Location: 124 NCM
Switch I.D. #: 124 NCM 3B
Facing: Trailing

Rail Points
4 Point to Point: 513/4
5 Point Condition:
S Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw, Min 3 1/2" on house top point protected
N: 4 1/2 R:
6a Point Opening:
N: S R
7 Fit:
S Y R
8 General Condition of the Points:
S Y R

Gage
Heel of Switch:
9 Main: 51 3/4
10 Turnout: 56 1/2
11 Gage ahead of Bend: 56
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches:
Turnout: 6 1/2
13 Main: 6 1/2

Stock Rail
14 Bend:
S Y R
15 Condition:
S Y R

Bolts
16 Loose: N/A
17 Missing: N/A

Rivets (Huck Bolts)
18 Loose: N/A
19 Missing: N/A
20 Cotter Pins Missing: N/A
21 Jam Nuts Loose: N/A
21a Washers: Broken Missing

Remarks on page 3

WO# 1460465

22 Standard Joints
S Y R N/A
23 Switch Plates
S Y R
24 Adjustable Braces
S Y R N/A
24a Non-Adjustable Braces
S Y R N/A

Switch Rods
25 Front Rod
S Y R N/A
26 #1 Rod (Basket Rod)
S Y R
27 #2 Rod
S Y R
28 #3 Rod
S Y R N/A
29 #4 Rod
S Y R N/A
30 Closure Rail
S Y R
31 Surface of Switch
S Y R
Using a 62" cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"
For a R, Great than 13/4" is Out of Service
32 Head Block Ties
S Y R
33 Switch Adjustments
Yes No
34 Lubrication
Ok Dry
35 Switch Targets/Lamps
Ok Missing N/A
36 Latches
Ok Broken Missing
37 Locks
Ok Broken Missing
38 General Condition
S Y R
39 Insulated Joints
S Y R
39a Regular Joints
S Y R

GMJC 11-10-2011
Mainline

50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N $$ Y R$$ R $$ Y R$
53 Frog # 10
54/79 Point Condition $$ Y R$
55 Condition of Frog $$ Y R$
56 Surface of Frog $$ Y R$
57 Throat in Inches 3 3/4
72 Flange way Depth 2
Flange way Depth must not be less than 1 1/4”

Gage
58 Main Track $$ S 9/16$$
59 Turnout Track $$ S 9/16$$
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N $$ S 4 1/2$$ R $$ S 4 5/8$$
Guard Rail Gage must more than 54 3/8”
61 Back To Back N $$ S 2 1/2$$ R $$ S 2 5/8$$
Back to Back Gage must less than 53 1/8”
62 Condition $$ Y R$
63 Location of Guard Rail (Relation to Point) $$ Y R$

Guard Rail Clamps
64 Main Track $$ Y R N/A$
65 Turnout Track $$ Y R N/A$

Class 1 Gage 56” to 57 1/4”
More than 57 1/4” Out of Service
Class 3 Gage 56” to 57”
More than 57” to 57 1/4” downgrade to Class 2 and gets a Y

Frog Inspection Report Semi-Annual

Turnout Ties
66 Condition $$ Y R N/A$
67 Rail Movement $$ Y R N/A$

Tie Plates
68 Lead $$ Y R N/A$
69 Guard Rail Flange way $$ Y R N/A$$ R $$ 1 1/2$$
Guard Rail Flange way can not be less 1 3/4”
70 Guard Rail Plates $$ Y R N/A$
71 Frog Plates $$ Y R N/A$

Bolts
73 Loose 0 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 N/A
77 Nuts Missing 0 N/A
78 Cotter Pins Missing 0 N/A
79 Washers 0 Broken 0 Missing N/A

80 Hold Down Devices $$ Y R N/A$
81 Spring Housing $$ Y R N/A$
82 Derrails $$ Y R N/A$

83 Maximum difference in any 31’ in Cross
Level on the sidings from the Frog Point to
50’ beyond the last long tie
$$ Difference

84 Condition of Line thru entire turnout $$ Y R$

Remarks on page 3

OMJC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 5-19-14

11-10-2011
**Mainline Switch Inspection Report Semi-Annual**  
**W.O.** 1455446  
**Page 1 of 3**

### Date
3/5/14

### Inspection Crew
[Names redacted]

### Rail Points
1. **Point Conduction**
   - S Y R
   - Nothing less than 4 inches or greater than 5 inches.
2. **Point Throw**
   - Min 3 1/2 inches on house top point protected
3. **Point Opening**
   - N 5 3/4  R 3 3/4
4. **Fit**
   - S Y R
5. **General Condition of the Points**
   - S Y R

### Gage
1. **Heel of Switch**
2. **Turnout**
3. **Gage Ahead of Bend**
   - Must not be less than 56 inches or more than 57 inches for "S"
4. **Heel Spread in Inches**
5. **Turnout**
6. **Main**
7. **Main**

### Stock Rail
1. **Bend**
2. **Condition**
   - S Y R

### Bolts
1. **Loose**
2. **Missing**
   - N/A

### Rivets (Huck Bolts)
1. **Loose**
2. **Missing**
3. **Corset Pins Missing**
4. **Jam Nuts Loose**
5. **Washers**
   - Ok

### Switch Rods
1. **Front Rod**
2. **#1 Rod (Basket Rod)**
3. **#2 Rod**
4. **#3 Rod**
5. **Closure Rail**
6. **Surface of Switch**
   - Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"  
   - For a R, Great than 13/4" is Out of Service

### Head Block Ties
1. **Switch Adjustments**
2. **Lubrication**
3. **Switch Targets/Lamps**
4. **Latches**
5. **Locks**
6. **General Condition**
7. **Insulated Joints**
8. **Regular Joints**

### Remarks on page 3
[Date: 11-11-2011]
50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N Y R Y R
53 Frog # 5½
54/79 Point Condition S Y R
55 Condition of Frog S Y R
56 Surface of Frog S Y R

57 Throat in Inches 3½
57 Flangeway Depth 1 1½
Flangeway Depth must not be less than 1 ½"

58 Main Track 56½
59 Turnout Track 56½
Gage must not be less than 56" any class

60 Guard Rail Gage N 5¾½ R 54 9/16
61 Back To Back N 52½ R 52½
Back to Back Gage must be less than 53 1/8"

62 Condition S Y R
63 Location of Guard Rail (Relation to Point) S Y R

Guard Rail Clamps
64 Main Track S Y R N/A
65 Turnout Track S Y R N/A

Class 1 Gage 56" to 57 ½"
More than 57 ½" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 ¼" downgrade to
Class 2 and gets a Y

Remarks on page 3

OMJC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: ___________________________ Date: 5-19-14

11-10-2011
Semi Annual Switch Inspection

05/13/2014

WO #1455446 no new defects
WO #1455448
WO #1460463
WO #1460467

For defects see individual workorder numbers in long description

<table>
<thead>
<tr>
<th>Labor</th>
<th>Task</th>
<th>Approved?</th>
<th>Start Date</th>
<th>Start Time</th>
<th>End Time</th>
<th>Regular Hours</th>
<th>Premium Pay Hours</th>
<th>Rate</th>
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<tr>
<td></td>
<td>TSCHISLER</td>
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<td>05/13/14</td>
<td>02:30:00</td>
<td>06:30:00</td>
<td>0:00</td>
<td>4:00</td>
<td>26.29</td>
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<td>4:00</td>
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<td>✔</td>
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**Mainline Switch Inspection Report Semi-Annual**

**WO# 1455448**

<table>
<thead>
<tr>
<th>Date</th>
<th>S/1/14</th>
<th>Inspection Crew</th>
<th>T. SCHISLER, M. PELCHIN</th>
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</table>

**Watchman M. PELCHIN**

<table>
<thead>
<tr>
<th>Location</th>
<th>CMN 083 N</th>
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<tbody>
<tr>
<td>Switch I.D.</td>
<td>083 N SW 1A</td>
</tr>
<tr>
<td>Facing</td>
<td>Trailing</td>
</tr>
</tbody>
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## Rail Points

<table>
<thead>
<tr>
<th>Point to Point</th>
<th>S 1/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Point Condition</td>
<td>Y R</td>
</tr>
<tr>
<td>Nothing less than 4 inches or greater than 5 inches.</td>
<td></td>
</tr>
</tbody>
</table>

| Point Throw, Min 3 1/2 inches on house top point protected |
| N 4 1/4 |

| Point Opening |
| N 4 1/8 |

| Fit |
| Y R |

| General Condition of the Points |
| Y R |

## Gage

| Heel of Switch |
| S 6 1/4 |

| Turnout |
| S 6 3/4 |

| Gage ahead of Bend |
| S 6 3/4 |
| Must not be less than 56 inches or more than 57 inches for "S" |

## Heel Spread in Inches

| Turnout |
| S 6 3/4 |

| Main |
| S 6 3/4 |

## Stock Rail

| Bend |
| Y R |

| Condition |
| Y R |

## Bolts

| Loose |
| 0 |
| Missing |
| 0 |
| N/A |

## Rivets (Huck Bolts)

| Loose |
| 0 |
| Missing |
| 0 |
| N/A |

| Cotter Pins Missing |
| 0 |
| Jam Nuts Loose |
| 0 |
| Washers Broked |
| Ok |
| Missing |

## Remarks on page 3

GMJ 11-10-2011
50 Location
50a Switch I.D. 

51 Facing 

52 Frog Tread N S Y R R S Y R

53 Frog # 

54/79 Point Condition S Y R

55 Condition of Frog S Y R

56 Surface of Frog S Y R

57 Throat in Inches 3 1/4

52 Flangeway Depth 2

Flangeway Depth must not be less than 1 1/4"

Gage
58 Main Track 56 5/8

59 Turnout Track 56 3/8

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N S 4 1/2 R S 3 1/4

Guard Rail Gage must more than 54 3/8"

61 Back To Back N S 2 3/4 R S 2 3/4

Back to Back Gage must be less than 53 1/8"

62 Condition S Y R

63 Location of Guard Rail (Relation to Point) S Y R

Guard Rail Clamps
64 Main Track S Y R N/A

65 Turnout Track S Y R N/A

Class 1 Gage 56" to 57 1/4"

More than 57 1/4" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/4" downgrade to

Class 2 and gets a Y

Remarks on page 3

GM/JC 11-10-2011

Turnout Ties
66 Condition S Y R N/A

67 Rail Movement S Y R N/A

Tie Plates
68 Lead S Y R N/A

69 Guard Rail Flangeway S Y R N/A

Guard Rail Flangeway can not be less 1 1/4"

70 Guard Rail Plates S Y R N/A

71 Frog Plates S Y R N/A

Bolts
73 Loose 0 N/A

74 Missing 0 N/A

Rivets (Huck)

75 Loose 0 N/A

76 Missing 0 N/A

77 Nuts Missing 0 N/A

78 Cotter Pins Missing 0 N/A

79 Washers OK Broken Missing N/A

80 Hold Down Devices S Y R N/A

81 Spring Housing S Y R N/A

82 Derails S Y R N/A

83 Maximum difference in any 31' in Cross

Level on the siding from the Frog Point to

50' beyond the last long tie OK Difference

84 Condition of Line thru entire turnout S Y R
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: ___________________________ Date: 5-19-14

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 5-20-2014  Inspection Crew
Watchman Paul

1 Location 88-34
2 Switch I.D. # 88-34
3 Facing Trailing

Rail Points
4 Point to Point 51
5 Point Condition SYR
6 Point Throw. Min 3 1/2 inches on house top point protected

6a Point Opening
N 4
R 6

7 Fits SYR
8 General Condition of the Points SYR

Gage
9 Heel of Switch
Main 56

10 Turnout 56
11 Gage ahead of Bend 56

Must not be less than 36 inches or
more than 37 inches for "S"

12 Heel Spread
Turnout 6

13 Main 6

Stock Rail
14 Bend SYR

15 Condition SYR

Bolts
16 Loose N/A
17 Missing N/A

Rivets (Huck Bolts)
18 Loose N/A
19 Missing N/A
20 Cotter Pins Missing N/A
21 Jam Nuts Loose N/A
21a Washers Ok Broke n N/A

Remarks on page 3

GM JF 11-10-2011

WO# 1955-484

22 Standard Joints SYR N/A
23 Switch Plates SYR
24 Adjustable Braces SYR N/A
24a Non-Adjustable Braces SYR N/A

Switch Rods
25 Front Rod SYR N/A
26 #1 Rod (Basket Rod) SYR
27 #2 Rod SYR
28 #3 Rod SYR N/A
29 #4 Rod SYR N/A

30 Closure Rail SYR

31 Surface of Switch SYR
Using a 62' cord, not over
1" to 1 1/2" for a Y and no
more than 1 1/3" to 1 3/4"
For a R, Great than 13/4" is Out
of Service

32 Head Block Ties SYR
33 Switch Adjustments Yes No

34 Lubrication Ok Dry
35 Switch Targets/Lamps Ok Missing N/A

36 Latches Ok Broken Missing
37 Locks Ok Broken Missing

38 General Condition SYR
39 Insulated Joints SYR
39a Regular Joints SYR
Mainline

50 Location
50a Switch I.D. #

51 Facing
Trailing

52 Frog Tread
N
R

53 Frog #

54/79 Point Condition
S Y R

55 Condition of Frog
S Y R

56 Surface of Frog
S Y R

57 Throat in Inches
3 1/4

72 Flangeway Depth

Flangeway Depth must not be less than 1 1/4"

Gage
58 Main Track
54 1/4

59 Turnout Track
54 1/4

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage
N
S
R
54 1/2

54 1/2

61 Back To Back
N
S
R
52 3/8

52 3/8

62 Condition
S Y R

63 Location of Guard Rail (Relation to Point)
S Y R

Guard Rail Clamps
64 Main Track
S Y R N/A

65 Turnout Track
S Y R N/A

Frog Inspection Report Semi-Annual

Turnout Ties
66 Condition
S Y R N/A

67 Rail Movement
S Y R N/A

Tie Plates
68 Lead
S Y R N/A

69 Guard Rail Flangeway
S Y R N/A

Guard Rail Flangeway can not be less 1 1/4"

70 Guard Rail Plates
S Y R N/A

71 Frog Plates
S Y R N/A

Bolts
73 Loose
0 N/A

74 Missing
0 N/A

Rivets (Huck)
75 Loose
0 N/A

76 Missing
0 N/A

77 Nuts Missing
0 N/A

78 Cotter Pins Missing
N/A

79 Washers
Ok
Broken
Missing
N/A

80 Hold Down Devices
S Y R N/A

81 Spring Housing
S Y R N/A

82 Derails
S Y R N/A

83 Maximum difference in any 31' in Cross
Level on the siding from the Frog Point to
50' beyond the last long tie
Ok
Difference
1/8

84 Condition of Line thru entire turnout
S Y R

Class 1 Gage 56" to 57 1/4"

More than 57 1/4" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/2" downgrade to
Class 2 and gets a Y

Remarks on page 3

GMJC 11-10-2011
Curved paint showing wear
30 loose screw spikes
2 loose hook bolts on joint bar at heel of the frog. Rail ends in joint base mismatched.

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 5-21-14

11-10-2011
Mainline Switch Inspection Report Semi-Annual

WO# 94-0427  page 1 of 3

Date 5-20-2019  Inspection Crew 

Watchman
1 Location NORTH AV./TRK
2 Switch I.D. # 9-1-3
3 Facing  Trailing

Rail Points
4 Point to Point 51
5 Point Condition
S Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw Min 3 1/2 inches on house top point protected
N R
6a Point Opening
N R
7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
Heel of Switch
9 Main 56 9/16
10 Turnout 56 9/16
11 Gage ahead of Bend
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
Turnout 6 1/4
13 Main 6 1/2

Stock Rail
14 Bend S Y R
15 Condition S Y R

Bolts
16 Loose N/A
17 Missing N/A

Rivets (Huck Bolts)
18 Loose N/A
19 Missing N/A
20 Cotter Pins Missing N/A
21 Jam Nuts Loose N/A
21a Washers Ok Broken Missing

Remarks on page 3

GM RC 11-10-2011
50 Location
50a Switch I.D. # 9/18
51 Facing
52 Frog Tread N SYR
SYR

53 Frog # 60
54/79 Point Condition SYR
55 Condition of Frog SYR
56 Surface of Frog SYR

57 Throat in Inches 3 1/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/4”

Gage
58 Main Track 56 5/16
59 Turnout Track 56 3/16
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 54 5/16 R 54 20
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 52 7/8 R 52 1/8
Back to Back Gage must be less than 53 1/8”
62 Condition SYR

63 Location of Guard Rail (Relation to Point) SYR

Guard Rail Clamps
64 Main Track SYR N/A
65 Turnout Track SYR N/A

Class 1 Gage 56” to 57 1/4”
More than 57 1/2” Out of Service
Class 3 Gage 56” to 57”
More than 57” to 57 1/4” downgrade to
Class 2 and get a Y

Remarks on page 3
GM/JC 11-10-2011

Turnout Ties
66 Condition SYR N/A
67 Rail Movement SYR N/A

Tie Plates
68 Lead SYR N/A
69 Guard Rail Flangeway SYR
Guard Rail Flangeway can not be less 1 1/4”
70 Guard Rail Plates SYR N/A
71 Frog Plates SYR N/A

Bolts
72 Loose 0 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 N/A
77 Nuts Missing 0 N/A
78 Cotter Pins Missing N/A
79 Washers Ok Broken Missing N/A

Hold Down Devices SYR N/A
81 Spring Housing SYR N/A
82 Derails SYR N/A

83 Maximum difference in any 31’ in Cross
Level on the siding from the Frog Point to
50’ beyond the last long tie
Ok Difference

84 Condition of Line thru entire turnout SYR
Curved point worn
wear on turn out guard rail.

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 5-21-14

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 5-20-2014
Watchman Pollard

Location
1
2 Switch I.D. # 91-1
3 Facing Trailing

Rail Points
4 Point to Point 5176
5 Point Condition
6 Point Throw, Min 3 1/2 inches on house top point protected

6a Point Opening
7 Fit
8 General Condition of the Points

Gage
Heel of Switch
9 Main 56 3/8
10 Turnout 56 3/16
11 Gage ahead of Bend 56 1/2
12 Heel Spread in Inches
13 Main 56 1/2

Stock Rail
14 Bend
15 Condition

Bolts
16 Loose N/A
17 Missing N/A

Rivets (Huck Bolts)
18 Loose N/A
19 Missing N/A
20 Cotter Pins Missing N/A
21 Jam Nuts Loose N/A
21a Washers Ok Broken N/A

Remarks on page 3

GM JC 11-10-2011

WO# 196-0-469
Mainline

50 Location
50a Switch I.D. # 91-1
51 Facing
52 Frog Tread N Y R
53 Frog # 6
54/79 Point Condition
55 Condition of Frog
56 Surface of Frog
57 Throat in Inches
58 Flangeway Depth
59 Gage Main Track
60 Guard Rail Gage N Y R
61 Back to Back N Y R
62 Condition
63 Location of Guard Rail (Relation to Point)
64 Main Track
65 Turnout Track

Guard Rail Clamps
66 Hold Down Devices
67 Spring Housing
68 Derails

50 Location
50a Switch I.D. # 91-1
51 Facing
52 Frog Tread N Y R
53 Frog # 6
54/79 Point Condition
55 Condition of Frog
56 Surface of Frog
57 Throat in Inches
58 Flangeway Depth
Flangeway Depth must not be less than 1 ¼”
59 Gage Main Track
60 Guard Rail Gage N Y R
61 Back to Back N Y R
Gage must not be less than 56” any class
62 Condition
63 Location of Guard Rail (Relation to Point)

Class 1 Gage 56” to 57 ¼”
More than 57 ½” Out of Service
Class 3 Gage 56” to 57”
More than 57” to 57 ¼” downgrade to
Class 2 and get a Y

Remarks on page 3

GMJC 11-10-2011
2" chip in curved point

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: ___________________________ Date: 5-21-14
Mainline Switch Inspection Report Semi-Annual

Date 5-20-2014 Inspection Crew Sel11 Aes

Watchman (Blank)

1 Location 88-1
2 Switch I.D. # 88-1
3 Facing Trailing

Rail Points
4 Point to Point 5 1/2
5 Point Condition S Y R Nothing less than 4 inches or greater than 5 inches
6 Point Throw Min 3 1/2 inches on house top point protected N 3 1/2 R

6a Point Opening
N 3 1/2 R

7 Fit
S Y R

8 General Condition of the Points S Y R

Gage
Heel of Switch 5 1/8
9 Main 5 1/8
10 Turnout S 11/16 5 1/6
11 Gage ahead of Bend 5 1/6
Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches
Turnout 6 1/2
13 Main 6 1/2

Stock Rail
14 Bend S Y R
15 Condition S Y R

Bolts
16 Loose 0 N/A
17 Missing 0 N/A

Rivets (Huck Bolts)
18 Loose 0 N/A
19 Missing 0 N/A
20 Cotter Pins Missing 0 N/A
21 Jam Nuts Loose 0 N/A
21a Washers Ok Broken N/A

Remarks on page 3
GM JC 11-30-2011
Mainline

50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N S Y R
      R
53 Frog #
54/79 Point Condition S Y R
55 Condition of Frog S Y R
56 Surface of Frog S Y R
57 Throat in Inches 1
52 Flangeway Depth
Flangeway Depth must not be less than 1 1/4" Gage
58 Main Track 56 1/4
59 Turnout Track 56 1/2
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 9/16
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 1/2 R 52 1/2
Back to Back Gage must be less than 53 1/8"
62 Condition S Y R
63 Location of Guard Rail (Relation to Point) S Y R

Guard Rail Clamps
64 Main Track S Y R N/A
65 Turnout Track S Y R N/A

Class 1 Gage 56" to 57 1/2"
More than 57 1/2" Out of Service
Class 2 Gage 56" to 57"
More than 57" to 57 1/2" downgrade to Class 2 and get a Y

Remarks on page 3

GM:MC 11-10-2011

Frog Inspection Report Semi-Annual

Turnout Ties
66 Condition S Y R N/A
67 Rail Movement S Y R N/A

Tie Plates
68 Lead S Y R N/A
69 Guard Rail Flangeway S Y R N/A
   Guard Rail Flangeway can not be less 1 1/4"
70 Guard Rail Plates S Y R N/A
71 Frog Plates S Y R N/A

Bolts
73 Loose 0 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 N/A
77 Nuts Missing 0 N/A
78 Cotter Pin Missing N/A
79 Washers Ok Broken Missing N/A

Hold Down Devices S Y R N/A

81 Spring Housing S Y R N/A
82 Derails S Y R N/A

83 Maximum difference in any 31' in Cross
Level on the siding from the Frog Point to 50' beyond the last long tie
Ok Difference 1/5

84 Condition of Line thru entire turnout S Y R
16 loose screw spikes

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 5-21-14

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 5-29-2014
Watchman B.N.C.
Location
Switch 1.D. # 28-36
Facing Trailing

Rail Points
4 Point to Point 51 S8
5 Point Condition
S Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw, Min 3 1/2 inches on house top point protected
N 4 S16 R
6a Point Opening
N 4 S18 R
7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
Heel of Switch
9 Main 56 S16
10 Turnout 56 S16
11 Gage ahead of Bend 56 1/2
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
13 Main 6 S18

Stock Rail
14 Bend
S Y R
15 Condition
S Y R

Bolts
16 Loose 0 N/A
17 Missing 0 N/A

Rivets (Huck Bolts)
18 Loose 0 N/A
19 Missing 0 N/A
20 Cotter Pins Missing 0 N/A
21 Jam Nuts Loose 0 N/A
21a Washers 0 Broken 0 Missing

Remarks on page 3

CMJC 11-10-2011

22 Standard Joints
S Y R N/A
23 Switch Plates
S Y R
24 Adjustable Braces
S Y R N/A
24a Non-Adjustable Braces
S Y R N/A

Switch Rods
25 Front Rod
S Y R N/A
26 #1 Rod (Basket Rod)
S Y R
27 #2 Rod
S Y R
28 #3 Rod
S Y R N/A
29 #4 Rod
S Y R N/A
30 Closure Rail
S Y R

31 Surface of Switch
S Y R
Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"
For a R, Great than 13/4" is Out of Service

32 Head Block Ties
S Y R
33 Switch Adjustments
Yes
34 Lubrication
Ok Dry
35 Switch Targets/Lamps
Ok Missing N/A
36 Latches
Ok Broken Missing
37 Locks
Ok Broken Missing
38 General Condition
S Y R
39 Insulated Joints
S Y R
39a Regular Joints
S Y R
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Frog Inspection Report Semi-Annual</th>
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</thead>
<tbody>
<tr>
<td>50 Location</td>
<td>50a Switch I.D. # 893-36</td>
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<tr>
<td>51 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>52 Frog Tread</td>
<td>N S Y R R S Y R</td>
</tr>
<tr>
<td>53 Frog #</td>
<td>54/79 Point Condition S Y R</td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>3 1/4</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>Flangeway Depth must not be less than 1 1/4&quot;</td>
</tr>
<tr>
<td>58 Main Track</td>
<td>Gage 56&quot;</td>
</tr>
<tr>
<td>59 Turnout Track</td>
<td>Gage must not be less than 56&quot; any class</td>
</tr>
<tr>
<td>Guard Rails</td>
<td>60 Guard Rail Gage N S Y R 54</td>
</tr>
<tr>
<td>61 Back To Back</td>
<td>Guard Rail Gage must more than 54 3/8&quot;</td>
</tr>
<tr>
<td>Back to Back Gage must be less than 53 1/8&quot;</td>
<td></td>
</tr>
<tr>
<td>62 Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>63 Location of Guard Rail (Relation to Point)</td>
<td>S Y R</td>
</tr>
<tr>
<td>Guard Rail Clamps</td>
<td>64 Main Track S Y R N/A</td>
</tr>
<tr>
<td>65 Turnout Track S Y R N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Class 1 Gage 56" to 57 1/2"**

**More than 57 1/2" Out of Service**

**Class 3 Gage 56" to 57"**

**More than 57" to 57 1/2" downgrade to Class 2 and get a Y**

**Remarks on page 3**

GM/JC 11-10-2011

<table>
<thead>
<tr>
<th>Turnout Ties</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 Condition</td>
</tr>
<tr>
<td>S Y R N/A</td>
</tr>
<tr>
<td>67 Rail Movement S Y R N/A</td>
</tr>
</tbody>
</table>

**Tie Plates**

<table>
<thead>
<tr>
<th>68 Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R N/A</td>
</tr>
<tr>
<td>69 Guard Rail Flangeway</td>
</tr>
</tbody>
</table>

**Guard Rail Flangeway must not be less than 1 1/4"**

**70 Guard Rail Plates**

<table>
<thead>
<tr>
<th>71 Frog Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R N/A</td>
</tr>
</tbody>
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**Bolts**

<table>
<thead>
<tr>
<th>73 Loose</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
</tr>
<tr>
<td>74 Missing</td>
</tr>
<tr>
<td>N/A</td>
</tr>
</tbody>
</table>

**Rivets (Huck)**

<table>
<thead>
<tr>
<th>75 Loose</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
</tr>
<tr>
<td>76 Missing</td>
</tr>
<tr>
<td>N/A</td>
</tr>
<tr>
<td>77 Nuts Missing</td>
</tr>
<tr>
<td>N/A</td>
</tr>
<tr>
<td>78 Cotter Pins Missing</td>
</tr>
<tr>
<td>N/A</td>
</tr>
<tr>
<td>79 Washers</td>
</tr>
<tr>
<td>Ok Broken Missing</td>
</tr>
<tr>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>80 Hold Down Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R N/A</td>
</tr>
<tr>
<td>81 Spring Housing</td>
</tr>
<tr>
<td>S Y R N/A</td>
</tr>
</tbody>
</table>

**82 Derails**

<table>
<thead>
<tr>
<th>83 Maximum difference in any 31' in Cross</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level on the siding from the Frog Point to 50' beyond the last long tie</td>
</tr>
<tr>
<td>Ok Difference</td>
</tr>
</tbody>
</table>

**84 Condition of Line thru entire turnout**

S Y R
One rotted 8' 6" tie
One rotted 14' tie
Four loose screw spikes
West side of frog showing wear.

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 5-21-14

11-10-2011
<table>
<thead>
<tr>
<th><strong>Mainline</strong></th>
<th><strong>Switch Inspection Report Semi-Annual</strong></th>
<th><strong>WO#</strong> 1446167</th>
</tr>
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<tbody>
<tr>
<td><strong>Date</strong></td>
<td>5-23-2014</td>
<td></td>
</tr>
<tr>
<td><strong>Watchman</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inspection Crew</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>CMN 113.1</td>
<td></td>
</tr>
<tr>
<td><strong>Switch I.D. #</strong></td>
<td>113 N MOW SW</td>
<td></td>
</tr>
<tr>
<td><strong>Facing</strong></td>
<td>Trailing</td>
<td></td>
</tr>
</tbody>
</table>

**Rail Points**

- **4 Point to Point**: 5 1/2
- **5 Point Condition**: SYR
  - Nothing less than 4 inches or greater than 5 inches.
- **6 Point Throw**: Min 3 1/2 inches on house top point protected
  - 5 1/2
- **6a Point Opening**: N
  - 5 1/8
- **7 Pit**: SYR
- **8 General Condition of the Points**: SYR

**Gage**

- **Heel of Switch**: 6 3/4
- **9 Main**: 6 5/4
- **10 Turnout**: 5 6/4
- **11 Gage ahead of Bend**: 5 6/4
  - Must not be less than 56 inches or more than 57 inches for “S”
- **12 Heel Spread in Inches**: Turnout 5 6/4
- **13 Main**: 5 6/4

**Stock Rail**

- **14 Bend**: SYR

**Bolts**

- **16 Loose**: N/A
- **17 Missing**: N/A

**Rivets (Huck Bolts)**

- **18 Loose**: N/A
- **19 Missing**: N/A
- **20 Cotter Pins Missing**: 0 N/A
- **21 Jam Nuts Loose**: 0 N/A
- **21a Washers**: Ok
  - Broken N/A

**Remarks on page 3**

GM J 11-10-2011
Mainline

50 Location
50a Switch I.D. # 0
51 Facing
52 Frog Tread N SY R R SY R
53 Frog # 10
54/79 Point Condition SY R
55 Condition of Frog SY R
56 Surface of Frog SY R

57 Throat in Inches
72 Flangeway Depth 1
Flangeway Depth must not be less than 1 1/2"
Gage
58 Main Track 5 6 1/2
59 Turnout Track 5 6 1/2
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 5 4 3/4 R 5 4 3/4
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 2 3/8 R 5 3 1/8
Back to Back Gage must be less than 53 1/8"
62 Condition SY R
63 Location of Guard Rail (Relation to Point) SY R
Guard Rail Clamps
64 Main Track SY R N/A
65 Turnout Track SY R N/A

Class 1 Gage 56" to 57 1/4"
More than 57 1/4" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 1/4" downgrade to
Class 2 and gets a Y

Remarks on page 3
GM/JC 11-10-2011

Frog Inspection Report Semi-Annual

Turnout Ties
66 Condition SY R N/A
67 Rail Movement SY R N/A

Tie Plates
68 Lead SY R N/A
69 Guard Rail Flangeway SY R R
Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates SY R N/A
71 Frog Plates SY R N/A

Bolts
73 Loose 0 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose N/A
76 Missing N/A
77 Nuts Missing N/A
78 Cotter Pins Missing N/A
79 Washers Ok Broken Missing N/A

80 Hold Down Devices SY R N/A
81 Spring Housing SY R N/A
82 Details SY R N/A

83 Maximum difference in any 31' in Cross

Level on the siding from the Frog Point to
50' beyond the last long tie
Ok Difference

84 Condition of Line thru entire turnout SY R

Page 2 of 3
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: __________________________ Date: __________________________

11-10-2011
### Quick Reporting (Tr)

#### Work Order Details
- **Classification**: MTA - LTRAIL
- **Asset**: 1254950
- **Location**: CMN113
- **Work Location**: Chain Markers North, 113N
- **Work Group**: MTA527

#### Work Details
- **Component**: [Details]
- **Position**: [Details]
- **Reason for Repair**: [Details]
- **Work Accomplished**: [Details]
- **Part Failure**: [Details]
- **Parent WO**: [Details]
- **Telematics Code**: [Details]
- **Telematics Transaction**: [Details]
- **GL Account**: [Details]

#### Asset Details
- **Primary Meter**: [Details]

#### Multiple Assets, Locations and CIs
- [Filter]

#### Tasks
<table>
<thead>
<tr>
<th>Sequence</th>
<th>Task</th>
<th>Summary</th>
<th>Component</th>
<th>Reason for Repair</th>
<th>Warranty?</th>
<th>Route</th>
<th>Route Stop</th>
<th>Qualifications</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>10</td>
<td>Performed inspection according to LR MOW</td>
<td>N</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NONE</td>
<td>APPR</td>
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#### Work Reference Information
- **Reference WO**: 1446160
- **Status**: APPR
- **Asset**: 1254950
- **Location**: CMN113
- **Service Group**: [Details]

#### Scheduling Information
- **Target Start**: 04/09/14 12:00:00 AM
- **Target Finish**: [Details]
- **Scheduled Start**: 04/09/14 12:00:00 AM
- **Scheduled Finish**: [Details]

#### Labor
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<th>Task</th>
<th>Labor</th>
<th>Approved? Start Date</th>
<th>Start Time</th>
<th>End Time</th>
<th>Regular Hours</th>
<th>Premium Pay Hours</th>
<th>Rate</th>
<th>Warranty?</th>
<th>Qualification Met?</th>
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</thead>
<tbody>
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<td>GLAM</td>
<td>05/23/14</td>
<td>03:00:00</td>
<td>11:00:00</td>
<td>0:00</td>
<td>8:00</td>
<td>26.29</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SSELL</td>
<td>05/23/14</td>
<td>03:00:00</td>
<td>11:00:00</td>
<td>0:00</td>
<td>8:00</td>
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<tr>
<td></td>
<td>MPOLLARD</td>
<td>05/23/14</td>
<td>03:00:00</td>
<td>11:00:00</td>
<td>8:00</td>
<td></td>
<td>26.29</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Approval Process
- **Start Date**: 05/23/14
- **End Date**: 05/23/14
- **End Time**: 11:00:00

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http://mtassets/maximo/ui/?event=loadapp&value=plustqrp&uisessionid=1400857802... 5/23/2014
<table>
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<th>WO# 1446149</th>
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<tbody>
<tr>
<td>Date</td>
<td>5-23-2014</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>CMV/121</td>
<td></td>
</tr>
<tr>
<td>Switch I.D.</td>
<td>121 N MOW SW</td>
<td></td>
</tr>
<tr>
<td>Facing</td>
<td>Trailing</td>
<td></td>
</tr>
</tbody>
</table>

**Rail Points**
- **4 Point to Point**: 51 5/16
- **5 Point Condition**: SYR
  - **Nothing less than 4 inches or greater than 5 inches.**
- **6 Point Throw, Min 3 1/2 inches on house top point protected**: N 4 8
- **6a Point Opening**: N 5 R
- **7 Fit**: SYR
- **8 General Condition of the Points**: SYR

**Gage**
- **Heel of Switch**: 5 6/4
- **9 Main**: 5 6/4
- **10 Turnout**: 5 6/4
- **11 Gage ahead of Bend**, Must not be less than 36 inches or more than 57 inches for "S"
- **12 Heel Spread in Inches Turnout**: 5 6/4
- **13 Main**: 5 6/4

**Stock Rail**
- **14 Bend**: SYR
- **15 Condition**: SYR

**Bolts**
- **16 Loose**: O N/A
- **17 Missing**: O N/A

**Rivets (Huck Bolts)**
- **18 Loose**: O N/A
- **19 Missing**: O N/A
- **20 Cotter Pins Missing**: O N/A
- **21 Jam Nuts Loose**: O N/A
- **21a Washers**: OK Broken N/A

**Remarks on page 3**

CMJC 11-7-2011

- **22 Standard Joints**: SYR N/A
- **23 Switch Plates**: SYR
- **24 Adjustable Braces**: SYR N/A
- **24a Non-Adjustable Braces**: SYR N/A
- **Switch Rods**
  - **25 Front Rod**: SYR N/A
  - **26 #1 Rod (Basket Rod)**: SYR
  - **27 #2 Rod**: SYR
  - **28 #3 Rod**: SYR N/A
  - **29 #4 Rod**: SYR N/A
- **30 Closure Rail**: SYR
- **31 Surface of Switch**: SYR
  - **Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"**
  - **For a R, Great than 13/4" is Out of Service**
- **32 Head Block Ties**: SYR
- **33 Switch Adjustments**: Yes
- **34 Lubrication**: Ok
- **35 Switch Targets/Lamps**: Ok Missing N/A
- **36 Latches**: Ok Broken Missing
- **37 Locks**: Ok Broken Missing
- **38 General Condition**: SYR
- **39 Insulated Joints**: SYR
- **39a Regular Joints**: SYR
50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N
53 Frog #
54/79 Point Condition
55 Condition of Frog
56 Surface of Frog
57 Throat in Inches
58 Main Track
59 Turnout Track

Frog Inspection Report Semi-Annual

60 Guard Rail Gage N
61 Back To Back

62 Condition
63 Location of Guard Rail (Relation to Point)

Guard Rail Clamps
64 Main Track
65 Turnout Track

Turnout Ties
66 Condition
67 Rail Movement

Tie Plates
68 Lead
69 Guard Rail Flangeway

Guard Rail Flangeway can not be less 1 ¾"
70 Guard Rail Plates
71 Frog Plates

Bolts
73 Loose
74 Missing

Rivets (Huck)
75 Loose
76 Missing
77 Nuts Missing
78 Cotter Pins Missing
79 Washers (OK) Broken Missing

Hold Down Devices
80 S Y R N/A
81 Spring Housing
82 Derails

83 Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond the last long tie

84 Condition of Line thru entire turnout

Remarks on page 3

GMJC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: ___________________________ Date: ___________________________

11-10-2011
## Switch Inspection Report Semi-Annual

<table>
<thead>
<tr>
<th>Mainline</th>
<th>Switch Inspection Report Semi-Annual</th>
<th>WO#</th>
<th>Page 1 of 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 5-23-2014</td>
<td><strong>Inspection Crew</strong> Pollard Sell</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Watchman</td>
<td>1 Location: 124 C1H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Switch I.D. #: 124 MOW SW A</td>
<td>3 Facing: Trailing</td>
<td></td>
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### Rail Points

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Point to Point</td>
<td>51/8</td>
</tr>
<tr>
<td>5 Point Condition</td>
<td>SYR</td>
</tr>
<tr>
<td>6 Point Throw, nothing less than 4 7/8 inches</td>
<td>N 4 7/8</td>
</tr>
<tr>
<td>6a Point Opening</td>
<td>N 5 3/8</td>
</tr>
<tr>
<td>7 Fit</td>
<td>SYR</td>
</tr>
<tr>
<td>8 General Condition of the Points</td>
<td>SYR</td>
</tr>
</tbody>
</table>

### Gage

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Heel of Switch</td>
<td>56 1/2</td>
</tr>
<tr>
<td>9 Main</td>
<td>56 1/2</td>
</tr>
<tr>
<td>10 Turnout</td>
<td>56 1/2</td>
</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>56 1/2</td>
</tr>
<tr>
<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
<td></td>
</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td>6 3/8</td>
</tr>
<tr>
<td>13 Main</td>
<td>6 1/2</td>
</tr>
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### Stock Rail

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>14 Bend</td>
<td>SYR</td>
</tr>
<tr>
<td>15 Condition</td>
<td>SYR</td>
</tr>
</tbody>
</table>

### Bolts

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>16 Loose</td>
<td>N/A</td>
</tr>
<tr>
<td>17 Missing</td>
<td>N/A</td>
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</table>

### Rivets (Huck Bolts)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>18 Loose</td>
<td>N/A</td>
</tr>
<tr>
<td>19 Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>20 Cotter Pins Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>21 Jam Nuts Loose</td>
<td>N/A</td>
</tr>
<tr>
<td>21a Washers</td>
<td>Ok Broken Missing</td>
</tr>
</tbody>
</table>

### Remarks on page 3

GMJC 6/15/10

22 Standard Joints
23 Switch Plates
24 Adjustable Braces
24a Non-Adjustable Braces
25 Front Rod
26 #4 Rod (Basket Rod)
27 #2 Rod
28 #2 Rod
29 #4 Rod
30 Closure Rail
31 Surface of Switch
Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"
For a R, Greater than 13/4" is Out of Service
32 Head Block Ties
33 Switch Adjustments
Yes No
34 Lubrication
Ok Dry
35 Switch Targets/Lamps
Ok Missing N/A
36 Latches
Ok Broken Missing
37 Locks
Ok Broken Missing
38 General Condition
SYR
39 Insulated Joints
SYR
39a Regular Joints
SYR
### Mainline

#### Frog Inspection Report Semi-Annual

<table>
<thead>
<tr>
<th>Item</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Location</td>
<td>S Y R</td>
</tr>
<tr>
<td>50a Switch I.D. #</td>
<td>12 4</td>
</tr>
<tr>
<td>51 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>52 Frog Tread N</td>
<td>S Y R</td>
</tr>
<tr>
<td>53 Frog #</td>
<td>8</td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>3 1/2</td>
</tr>
<tr>
<td>72 Flangeeway Depth</td>
<td>2</td>
</tr>
<tr>
<td>Flangeeway Depth must not be less than 1 1/2&quot;</td>
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**Gage**

<table>
<thead>
<tr>
<th>Item</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>58 Main Track</td>
<td>5 6 1/2</td>
</tr>
<tr>
<td>59 Turnout Track</td>
<td>5 6 1/2</td>
</tr>
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</table>

**Turnout Ties**

<table>
<thead>
<tr>
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<th>Condition</th>
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<tbody>
<tr>
<td>66 Condition</td>
<td>S Y R</td>
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<tr>
<td>67 Rail Movement</td>
<td>S Y R</td>
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**Tie Plates**

<table>
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<tbody>
<tr>
<td>68 Lead</td>
<td>S Y R</td>
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<tr>
<td>69 Guard Rail Flangeeway</td>
<td>S Y R N 1 3/8 R</td>
</tr>
<tr>
<td>Guard Rail Flangeway can not be less 1 1/2&quot;</td>
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</tr>
<tr>
<td>70 Guard Rail Plates</td>
<td>S Y R</td>
</tr>
<tr>
<td>71 Frog Plates</td>
<td>S Y R</td>
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**Bolts**

<table>
<thead>
<tr>
<th>Item</th>
<th>Condition</th>
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<tbody>
<tr>
<td>73 Loose</td>
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<tr>
<td>74 Missing</td>
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**Rivets (Huck)**

<table>
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<th>Condition</th>
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<tbody>
<tr>
<td>75 Loose</td>
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<tr>
<td>76 Missing</td>
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<td>77 Nuts Missing</td>
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</tr>
<tr>
<td>78 Cotter Pins Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>79 Washers Ok Missing</td>
<td>N/A</td>
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**Hold Down Devices**

<table>
<thead>
<tr>
<th>Item</th>
<th>Condition</th>
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<tbody>
<tr>
<td>80 Hold Down Devices</td>
<td>S Y R N/A</td>
</tr>
<tr>
<td>81 Spring Housing</td>
<td>S Y R N/A</td>
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**Derails**

<table>
<thead>
<tr>
<th>Item</th>
<th>Condition</th>
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</thead>
<tbody>
<tr>
<td>82 Derails</td>
<td>S Y R N/A</td>
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**Maximum difference in any 31' in Cross**

<table>
<thead>
<tr>
<th>Item</th>
<th>Condition</th>
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<tbody>
<tr>
<td>Level on the siding from the Frog Point to 50' beyond the last long tie</td>
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</tr>
<tr>
<td>Ok</td>
<td>Difference 18'</td>
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**Condition of Line thru entire turnout**

<table>
<thead>
<tr>
<th>Item</th>
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<tbody>
<tr>
<td>84 Condition of Line thru entire turnout</td>
<td>S Y R</td>
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**Class 1 Gage 56" to 57 1/2"**

**More than 57 1/2" Out of Service**

<table>
<thead>
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<th>Item</th>
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<tbody>
<tr>
<td>Class 3 Gage 56&quot; to 57&quot;</td>
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<tr>
<td>More than 57&quot; to 57 1/2&quot; downgrade to Class 2 and gets a Y</td>
<td></td>
</tr>
</tbody>
</table>

**Remarks on page 3**

GM/JC 6/15/10
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
Reviewed by: ___________________________ Date: ___________________________
**Mainline Switch Inspection Report Semi-Annual**

**Date**: 5-2-2014  
**Watchman**: Rollin H.  
**Location**: CM2 088  
**Switch I.D. #**: 088 NM 040  
**Facing**: Trailing

**Rail Points**

1. **Point to Point**: 51 58  
2. **Point Condition**: SYR  
   - Nothing less than 4 inches or greater than 5 inches.  
3. **Point Throw**: Min 3 1/2 inches on house top point protected  
   - N: 4 3/16 R  
4. **Point Opening**: N 4 5/8 R  
5. **Fit**: SYR  
6. **General Condition of the Points**: SYR  

**Gage**

1. **Heel of Switch**: 56 3/8  
2. **Main**: 56 3/4  
3. **Turnout**: 56 1/2  
4. **Gage ahead of Bend**: 56 5/8  
   - Must not be less than 56 inches or more than 57 inches for “S”  
5. **Heel Spread in Inches**: 6 3/8  
6. **Turnout**: 6 3/8  

**Stock Rail**

1. **Bend**: SYR  
2. **Condition**: SYR  

**Bolts**

1. **Loose**: 0 N/A  
2. **Missing**: 0 N/A  

**Rivets (Huck Bolts)**

1. **Loose**: 0 N/A  
2. **Missing**: 0 N/A  
3. **Cotter Pins**: Missing N/A  
4. **Jam Nuts**: Loose N/A  
5. **Washers**: Ok Broken Missing

**Remarks on page 3**

CMJC 11-10-2011
### Mainline

| Location | Frog Tread | Frog # | 54/79 Point Condition | Condition of Frog | Surface of Frog | Throat in Inches | Flangeway Depth | Flangeway Depth must not be less than 1 1/4”
|----------|------------|--------|------------------------|-------------------|-----------------|-----------------|----------------|-------------------------------------|
| 50       | N          | 3      | SYR                    | SYR               | SYR             | 3 1/4           | 2              |guardway Deph must not be less than 1 1/4”
| 50a      | Switch I.D. # | 8R-2 | 
| 51       | Facing     | Trailing | SYR                  | SYR               | SYR             | SYR             |
| 52       |            |        |                       |                   |                 |                 |                |Gage
| 53       | Frog #     | 8      | SYR                    | SYR               | SYR             | SYR             |
| 57       |            |        | SYR                    | SYR               | SYR             | SYR             | SYR             |
| 58       | Main Track | 51.51  | SYR                    | SYR               | SYR             | SYR             | SYR             |
| 59       | Turnout Track | 51.51 | SYR                    | SYR               | SYR             | SYR             | SYR             |
| 60       | Guard Rail Gage | N 54 3/8  | SYR                    | SYR               | SYR             | SYR             | SYR             |
| 61       | Back To Back | N 52.5  | SYR                    | SYR               | SYR             | SYR             | SYR             |
| 62       | Condition  | SYR     | SYR                    | SYR               | SYR             | SYR             | SYR             |
| 63       | Location of Guard Rail (Relation to Point) | SYR | SYR                    | SYR               | SYR             | SYR             | SYR             |
| 64       | Main Track | N/A    | SYR                    | SYR               | SYR             | SYR             | SYR             |
| 65       | Turnout Track | N/A  | SYR                    | SYR               | SYR             | SYR             | SYR             |

**Turnout Tie**

- 66 Condition: SYR N/A
- 67 Rail Movement: SYR N/A
- 68 Lead: SYR N/A
- 69 Guard Rail Flangeway: SYR N/A
- Guard Rail Flangeway can not be less 1 1/4”
- 70 Guard Rail Plates: SYR N/A
- 71 Frog Plates: SYR N/A

**Bolts**

- 73 Loose: 0 N/A
- 74 Missing: 0 N/A

**Rivets (Huck)**

- 75 Loose: 0 N/A
- 76 Missing: 0 N/A
- 77 Nuts Missing: 0 N/A
- 78 Cotter Pins Missing: N/A
- 79 Washers Ok: Broken / Missing: N/A

**Hold Down Devices**

- 80 Hold Down Devices: SYR N/A
- 81 Spring Housing: SYR N/A
- 82 Derails: SYR N/A

**Maximum difference in any 31’ in Cross**

- 83 Maximum difference in any 31’ in Cross: 0.25
- Level on the siding from the Frog Point to 50’ beyond the last long tie: Ok
- Difference: 0.25

**Condition of Line thru entire turnout**

- 84 Condition of Line thru entire turnout: SYR

---

**Remarks on page 3**

GM/JC 11-10-2011
2 Rotted 8'6" Ties
1 Rotted 4' Tie
4 loose screw spikes heel area of frog
1 broken washer on guard rail

Switch inspection complete

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Spec.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]
Date: 5/28/14

11-10-2011
# Mainline Switch Inspection Report Semi-Annual

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<thead>
<tr>
<th>Date</th>
<th>5-27-2014</th>
<th>Inspection Crew</th>
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<tbody>
<tr>
<td>Location</td>
<td>0 12 N</td>
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<tr>
<td>Switch I.D. #</td>
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<tr>
<td>Facing</td>
<td>Trailing</td>
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## Rail Points
1. **5 Point Condition**
   - SYR: Nothing less than 4 inches or greater than 5 inches.
2. **6 Point Throw**
   - Min 3 1/2 inches on house top point protected
3. **6a Point Opening**
   - N
4. **7 Point**
   - SYR
5. **8 General Condition of the Points**
   - SYR
6. **9 Heel of Switch**
7. **10 Turnout**
8. **11 Gage ahead of Bend**
   - Must not be less than 56 inches or more than 57 inches for “S”
9. **12 Heel Spread in Inches**
10. **13 Main**

## Stock Rail
11. **14 Bend**
12. **15 Condition**

## Bolts
13. **16 Loose**
14. **17 Missing**

## Rivets (Huck Bolts)
15. **18 Loose**
16. **19 Missing**
17. **20 Cotter Pins Missing**
18. **21 Jam Nuts Loose**
19. **21a Washers**

## Remarks on page 3

---

**WO#** 1463223

---

22. **22 Standard Joints**
23. **23 Switch Plates**
24. **24 Adjustable Brakes**
24a. **24a Non-Adjustable Brakes**

25. **Switch Rods**
26. **26 #1 Rod (Basket Rod)**
27. **27 #2 Rod**
28. **28 #3 Rod**
29. **29 #4 Rod**
30. **30 Closure Rail**
31. **31 Surface of Switch**
   - Using a 62’ cord, not over 1” to 1 1/2” for a Y and no more than 1 1/2” to 1 3/4” For a R, Great than 13/4” is Out of Service
32. **32 Head Block Ties**
33. **33 Switch Adjustments**
34. **34 Lubrication**
35. **35 Switch Targets/Lamps**
36. **36 Latches**
37. **37 Locks**
38. **38 General Condition**
39. **39 Insulated Joints**
39a. **39a Regular Joints**

---

OMJC 11-10-2011
50 Location
50a Switch I.D. #: 70-3

51 Facing: Trailing
52 Frog Tread: N SYR, R SYR

53 Frog #: 8
54/79 Point Condition: SYR
55 Condition of Frog: SYR
56 Surface of Frog: SYR

57 Throat in Inches: 3 3/8
72 Flangeway Depth: 1 1/8
Flangeway Depth must not be less than 1 1/2”

Gage
58 Main Track: 56 1/16
59 Turnout Track: 56 5/8
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage: N 54 1/2 R 54 1/2
Guard Rail Gage must more than 54 3/8”
61 Back To Back: N 52 1/2 R 52 1/2
Back to Back Gage must be less than 53 1/8”
62 Condition: SYR
63 Location of Guard Rail (Relation to Point): SYR

Guard Rail Clamps
64 Main Track: SYR N/A
65 Turnout Track: SYR N/A

Class 1 Gage 56” to 57 1/2”
More than 57 1/2” Out of Service
Class 3 Gage 56” to 57”
More than 57” to 57 1/4” downgrade to
Class 2 and gets a Y

Turnout Ties
66 Condition: SYR N/A
67 Rail Movement: SYR N/A

Tie Plates
68 Lead: SYR N/A
69 Guard Rail Flangeway: SYR N/A
Guard Rail Flangeway can not be less 1 1/4”
70 Guard Rail Plates: SYR N/A
71 Frog Plates: SYR N/A

Bolts
73 Loose: O N/A
74 Missing: O N/A

Rivets (Huck)
75 Loose: O N/A
76 Missing: O N/A
77 Nuts Missing: O N/A
78 Cotter Pins Missing: N/A
79 Washers: Ok Broken Missing N/A

80 Hold Down Devices: SYR N/A
81 Spring Housing: SYR N/A
82 Derails: SYR N/A

83 Maximum difference in any 31’ in Cross

Level on the siding from the Frog Point to
50’ beyond the last long tie
Ok Difference V

84 Condition of Line thru entire turnout
SYR

Remarks on page 3

GM/JC 11-10-2011
No Notable Defects Found

Switch Inspection Complete

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 5/28/14

11-10-2011
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Class 1: Gage 56" to 57 1/2"
More than 57 1/2" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 1/2" downgrade to Class 2 and gets a Y

Remarks on page 3

GM/IC 11-10-2011
No notable defects found

Switch inspection complete

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: J Lam
Date: 5/28/14

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 5-27-2014 Inspection Crew

Watchman

1 Location 0.70 CM
2 Switch I.D. # 070 1-B
3 Facing Trailing

Rail Points
4 Point to Point 525 519
5 Point Condition SYR Nothing less than 4 inches or greater than 5 inches.
6 Point Throw, Min 3 1/2 inches on house top point protected

6a Point Opening
N 43 R

7 Fit SYR
8 General Condition of the Points SYR

Gage
Heel of Switch
9 Main 512
10 Turnout 514 514
11 Gage ahead of Bend 516 316
   Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
   Turnout 8 916
13 Main 8

Stock Rail
14 Bend SYR
15 Condition SYR

Bolts
16 Loose N/A
17 Missing N/A

Rivets (Huck Bolts)
18 Loose N/A
19 Missing N/A
20 Cotter Pins Missing N/A
21 Jam Nuts Loose N/A
21a Washers Ok Broken Missing

Remarks on page 3

GM JC 11-10-2011

22 Standard Joints SYR N/A
23 Switch Plates SYR
24 Adjustable Braces SYR N/A
24a Non-Adjustable Braces SYR N/A

Switch Rods
25 Point Rod SYR N/A
26 #1 Rod (Basket Rod) SYR
27 #2 Rod SYR
28 #3 Rod SYR N/A
29 #4 Rod SYR N/A
30 Closure Rail SYR

31 Surface of Switch SYR

Using a 62’ chord, not over 1” to 1 1/2” for a Y and no more than 1 1/2” to 1 3/4” for a R, Greater than 13/4” is Out of Service

32 Head Block Ties SYR
33 Switch Adjustments Yes
34 Lubrication Dry
35 Switch Targets/Lamps
   Ok Missing N/A
36 Latches Ok Broken Missing
37 Locks Ok Broken Missing

38 General Condition SYR
39 Insulated Joints SYR
39a Regular Joints SYR

WO# 146-3191
### Mainline

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<td>61 Back To Back</td>
<td>N 56 3/4 R 52 7/8</td>
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**Class 1 Gage 56" to 57 1/4"**

**More than 57 1/4" Out of Service**

Class 3 Gage 56" to 57"

More than 57" to 57 1/4" downgrade to Class 2 and gets a Y

### Remarks on page 3

GMJC 11-10-2011
Switche inspector complete

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 5/28/14

11-10-2011
Mainline  Switch Inspection Report Semi-Annual  Date  5-27-2014  Inspection Crew  Alchin Sel

Watchman  P.O. 900
1 Location  0070  1-A
2 Switch I.D. #  070  1-A
3 Facing  Trailing

Rail Points
4 Point to Point  51
5 Point Condition
S  R  Nothing less than 4 inches or greater than 5 inches.
6 Point Throw, Min 3 1/2 inches on house top point protected
N  Y  R
6a Point Opening
N  S  3/16  R
7 Fit  S  Y  R
8 General Condition of the Points  S  Y  R

Gage
9 Main  56
10 Turnout  56
11 Gage ahead of Bend  56
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
Turnout  3/8
13 Main  3/8

Stock Rail
14 Bend  S  Y  R
15 Condition  S  Y  R

Bolts
16 Loose  N/A
17 Missing  N/A

Rivets (Huck Bolts)
18 Loose  N/A
19 Missing  N/A
20 Cotter Pins Missing  N/A
21 Jam Nuts Loose  N/A
21a Washers  Ok

Remarks on page 3
GMAC 11-10-2011

22 Standard Joints  S  Y  R  N/A
23 Switch Plates  S  Y  R
24 Adjustable Barros  S  Y  R  N/A
24a Non-Adjustable Barros  S  Y  R  N/A

Switch Rods
25 Front Rod  S  Y  R  N/A
26 #1 Rod (Basket Rod)  S  Y  R
27 #2 Rod  S  Y  R
28 #3 Rod  S  Y  R  N/A
29 #4 Rod  S  Y  R  N/A
30 Closure Rail  S  Y  R
31 Surface of Switch  S  Y  R
Using a 63" cord, not over
1" to 1 1/2" for a Y and no
more than 1 1/2" to 1 3/4"
For a R, Greater than 13/4" is Out
of Service

32 Head Block Ties  S  Y  R
33 Switch Adjustments
Yes  No
34 Lubrication
Ok  Dry
35 Switch Targets/Lamps
Ok  Missing  N/A
36 Latches
Ok  Broken  Missing
37 Locks
Ok  Broken  Missing
38 General Condition  S  Y  R
39 Insulated Joints  S  Y  R
39a Regular Joints  S  Y  R
Mainline

50 Location
50a Switch I.D. # 370 - 12
51 Facing Trailing
52 Frog Tread N SYR
R SYR
53 Frog #
54/79 Point Condition SYR
55 Condition of Frog SYR
56 Surface of Frog SYR
57 Throat in Inches
58 Main Track 56
59 Turnout Track 56
58 Gage must not be less than 56" any class

Frog Inspection Report Semi-Annual

Turnout Ties
66 Condition SYR N/A
67 Rail Movement SYR N/A

Tie Plates
68 Lead SYR N/A
69 Guard Rail Flangeway
70 Guard Rail Plates SYR N/A
71 Gage
73 Loose 0 N/A
74 Missing 0 N/A

Guard Rails
60 Guard Rail Gage N 54 3/8
59 Back to Back 52 13/16
60 Guard Rail Gage must not be more than 54 3/8"
61 Back to Back Gage must be less than 53 1/8"
62 Condition SYR
63 Location of Guard Rail (Relation to Point) SYR

Guard Rail Clamps
64 Main Track SYR N/A
65 Turnout Track SYR N/A

Class 1 Gage 56" to 57 1/2"
More than 57 1/2" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 1/2" downgrade to Class 2 and get a Y

Remarks on page 3

GMJC 11-10-2011
Curved point showing wear

Switch inspection complete

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 5/28/14

11-10-2011
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<th>WO# 1470982</th>
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<td>4 Point to Point</td>
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<td>Rivets (Huck Bolts)</td>
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<td>20 Cotter Pins Missing</td>
<td>N/A</td>
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<td>21 Jam Nuts Loose</td>
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<td>21a Washers</td>
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<td>Remarks on page 3</td>
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GM JC 11-10-2011
50 Location
50a Switch I.D. # 42-36
51 Facing
52 Frog Tread  N S Y R
       R S Y R
53 Frog #  
54/79 Point Condition  S Y R
55 Condition of Frog  S Y R
56 Surface of Frog  S Y R

57 Throat in Inches  3 9/16
72 Flangeway Depth  2 1/2" Flangeway Depth must not be less than 1 1/2" Gage
58 Main Track  50 Y 2
59 Turnout Track  50 Y 2
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage  N 54 9/16  R 54
Guard Rail Gage must more than 54 3/8"
61 Back To Back  N 52 3/8  R 52
Back to Back Gage must be less than 53 1/8"
62 Condition  S Y R
63 Location of Guard Rail (Relation to Point)  S Y R

Guard Rail Clamps
64 Main Track  S Y R N/A
65 Turnout Track  S Y R N/A

Class 1 Gage 56" to 57 1/2"
More than 57 1/2" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 1/2" downgrades to Class 2 and gets a Y

Turnout Ties
66 Condition  S Y R N/A
67 Rail Movement  S Y R N/A

Tie Plates
68 Lead  S Y R N/A
69 Guard Rail Flangeway  S Y R N/A
Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates  S Y R N/A
71 Frog Plates  S Y R N/A

Bolts
73 Loose  0 N/A
74 Missing  0 N/A

Rivets (Huck)
75 Loose  0 N/A
76 Missing  0 N/A
77 Nuts Missing  0 N/A
78 Cotter Pins Missing  0 N/A
79 Washers Ok Broken Missing  N/A

Hold Down Devices
80 Hold Down Devices  S Y R N/A
81 Spring Housing  S Y R N/A
82 Details  S Y R N/A

83 Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond the last long tie  
Ok Difference  1/2"

84 Condition of Line thru entire turnout  S Y R

Remarks on page 3
OM/JC 11-10-2011
Switch inspection complete

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 5/29/14

11-10-2011
Mainline | Switch Inspection Report Semi-Annual
--- | ---
**Date** | 5-28-2014 | **Inspection Crew** | SW 1-A
**Watchman** | CM 5092 | **WO#** | 1478276
1 Location | 2 Switch I.D. # | **page 1 of 3**
2 | 0425 | **Sell**
3 | SW 1-A | **Alchin**

**Rail Points**
1. Point to Point | 5
2. Point Condition | SYR Nothing less than 4 inches or greater than 5 inches.
3. Point Throw, Min 3 1/2 inches on house top point protected | N 4 1/2 R
4. Point Opening | N 4 1/2 R
5. Fit | SYR
6. General Condition of the Points | SYR

**Gage**
1. Heel of Switch | 9 Main 0.6
2. Turnout | 5.6 0.4
3. Gage ahead of Bend | SYR
4. Must not be less than 56 inches or more than 57 inches for “S”
5. Heel Spread in Inches Turnout | 6 6.1
6. Main | 6.7

**Stock Rail**
1. Bend | SYR
2. Condition | SYR

**Bolts**
1. Loose | N/A
2. Missing | N/A

**Rivets (Huck Bolts)**
1. Loose | N/A
2. Missing | N/A
3. Cotter Pins Missing | N/A
4. Jam Nuts Loose | N/A
5. Washers | Ok Broken Missing

**Remarks on page 3**
GMJC 11-10-2011

- 22 Standard Joints SYR N/A
- 23 Switch Plates SYR
- 24 Adjustable Braces SYR N/A
- 24a Non-Adjustable Braces SYR N/A

**Switch Rods**
- 25 Front Rod SYR N/A
- 26 #1 Rod (Basket Rod) SYR
- 27 #2 Rod SYR
- 28 #3 Rod SYR N/A
- 29 #4 Rod SYR N/A
- 30 Closure Rail SYR
- 31 Surface of Switch SYR
- Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"
  For a R, Great than 13/4" is Out of Service
- 32 Head Block Ties SYR
- 33 Switch Adjustments Yes No
- 34 Lubrication Ok Dry
- 35 Switch Targets/Lamps Ok Missing N/A
- 36 Latches Ok Broken Missing
- 37 Locks Ok Broken Missing
- 38 General Condition SYR
- 39 Insulated Joints SYR
- 39a Regular Joints SYR
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location
50a Switch I.D. # 92 - IA
61 Facing Trailing
52 Frog Tread N SY R
R SY R
53 Frog #: D
54/79 Point Condition SY R
55 Condition of Frog SY R
56 Surface of Frog SY R
57 Throat in Inches 3/32
72 Flangeway Depth 2 3/16
Flangeway Depth must not be less than 1 3/8"

Gage
58 Main Track 5/6 5/6
59 Turnout Track 5/6 9/16
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 5/4 3/4 R 5/4
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5/2 1/2 R 5/2
Back to Back Gage must be less than 53 1/8"
62 Condition SY R
63 Location of Guard Rail (Relation to Point) SY R

Guard Rail Clamps
64 Main Track SY R N/A
65 Turnout Track SY R N/A

Class 1 Gage 56" to 57 3/4"
More than 57 3/4" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 3/4" downgrade to
Class 2 and gets a Y

Remarks on page 3

GM/JC 11-10-2011

Turnout Ties
66 Condition SY R N/A
67 Rail Movement SY R N/A

Tie Plates
68 Lead SY R N/A
69 Guard Rail Flangeway SY R N/A
Guard Rail Flangeway can not be less 1 3/8"
70 Guard Rail Plates SY R N/A
71 Frog Plates SY R N/A

Bolts
73 Loose 0 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 N/A
77 Nuts Missing 0 N/A
78 Cotter Pins Missing 0 N/A
79 Washers Ok Broken Missing N/A

80 Hold Down Devices SY R N/A
81 Spring Housing SY R N/A
82 Derails SY R N/A
83 Maximum difference in any 31’ in Cross
Level on the siding from the Frog Point to
50” beyond the last long tie
Ok Difference

84 Condition of Line thru entire turnout SY R
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 5/29/14

11-10-2011
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**Rail Points**
- 4 Point to Point: 51 4/2
- 5 Point Condition: SYR
- 6 Point Throw: Min 3 1/2 inches on house top point protected
- 6a Point Opening: N 4 3/8 R
- 7 Fit: SYR
- 8 General Condition of the Points: SYR

**Gage**
- Heel of Switch: 28
- 9 Main: 51 2/8
- 10 Turnout: 5 6 1/2
- 11 Gage ahead of Bend: Must not be less than 36 inches or more than 57 inches for “S”
- 12 Heel Spread in Inches Turnout: 6 3/8
- 13 Main: 6 3/8

**Stock Rail**
- 14 Bend: SYR
- 15 Condition: SYR

**Bolts**
- 16 Loose: N/A
- 17 Missing: N/A

**Rivets (Huck Bolts)**
- 18 Loose: N.A
- 19 Missing: N/A
- 20 Cotter Pins Missing: N/A
- 21 Jam Nuts Loose: N/A
- 21a Washers: Ok Broken: Missing

**Remarks on page 3**

**WO# 1470972**
Mainline

50 Location
50a Switch I.D. # 20-31
51 Facing Trailing
52 Frog Tread N SY R
  R SY R
53 Frog # 10
54/79 Point Condition SY R
55 Condition of Frog SY R
56 Surface of Frog SY R
57 Throat in Inches 3 3/8
72 Flangeway Depth 1
Flangeway Depth must not be less than 1 1/2"
Gage
58 Main Track 5 1/8
59 Turnout Track 5 1/8
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 3/8 R 54 1/4
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 3/8 R 52 3/8
Back to Back Gage must be less than 53 1/8"
62 Condition SY R
63 Location of Guard Rail (Relation to Point) SY R

Guard Rail Clamps
64 Main Track SY R N/A
65 Turnout Track SY R N/A

Class 1 Gage 56" to 57 1/4"
More than 57 1/4" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 1/4" downgrade to Class 2 and gets a Y

Remarks on page 3
GMJC 11-10-2011

Frog Inspection Report Semi-Annual

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Turnout Ties
66 Condition SY R N/A
67 Rail Movement SY R N/A

Tie Plates
68 Lead SY R N/A
69 Guard Rail Flangeway SY RN 1 1/2 R
Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates SY R N/A
71 Frog Plate SY R N/A

Bolts
73 Loose 0 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 N/A
77 Nuts Missing 0 N/A
78 Cotter Pins Missing N/A
79 Washers Ok Broken Missing N/A

80 Hold Down Devices SY R N/A
81 Spring Housing SY R N/A
82 Details SY R N/A

83 Maximum difference in any 31' in Cross
Level on the siding from the Frog Point to
50' beyond the last long tie
Ok Difference 0.8

84 Condition of Line thru entire turnout SY R
Switch inspection complete.

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 5/29/14

11-10-2011
Quick Reporting (Tr)

Work Order Classification
- MTA_LTRAIL
- MTA_LTRAIL
- 1200671
- Track switch L 10, FACING
- CMS030
- Chain Marker South 030
- MTAC27

Work Details
- Component
- Position
- Reason for Repair
- Work Accomplished
- Part Failure
- Parent WO
- Telematics Code
- Telematics Transaction
- GL Account

Asset Details
Primary Meter
Multiple Assets, Locations and CIs

Tasks
- Sequence
- Task
- Summary
- Component
- Reason for Repair
- Warranty
- Route
- Route Shop
- Qualifications
- Status

Labor
- Task Labor
- Approved Start Date
- Start Time
- End Time
- Regular Hours
- Premium Pay Hours
- Rate
- Warranty Qualification Mfr?
- Warranty Mfr?

Outside Labor
- Premium Pay
- Premium Pay Code
- Premium Pay Hours
- Premium Pay Rate
- Premium Rate Type

Charge Information
- GL Debit Account
- GL Credit Account
- Location
- Asset
- Alias
- Recorded as Received

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<td>51 3/8</td>
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<td>15 Condition</td>
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<td>Bolts</td>
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<td>Rivets (Huck Bolts)</td>
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<td>21 Jam Nuts Loose</td>
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<td>21a Washers</td>
<td>Ok Broken 2 Missing</td>
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**Remarks on page 3**

GMIC 11-10-2011

- 22 Standard Joints
  - S Y R N/A
- 23 Switch Plates
  - S Y R
- 24 Adjustable Braces
  - S Y R N/A
- 24a Non-Adjustable Braces
  - S Y R N/A
- Switch Rods
  - 25 Front Rod
    - S Y R N/A
  - 26 #1 Rod (Basket Rod)
    - S Y R
  - 27 #2 Rod
    - S Y R
  - 28 #3 Rod
    - S Y R N/A
  - 29 #4 Rod
    - S Y R N/A
- 30 Closure Rail
  - S Y R
- 31 Surface of Switch
  - S Y R
  - Using a 62' cord, not over
  - 1" to 1 1/2" for a Y and no
  - more than 1 1/2" to 1 3/4"
  - For a R, Great than 13/4" is Out
  - of Service
- 32 Head Block Ties
  - S Y R
- 33 Switch Adjustments
  - Yes No
- 34 Lubrication
  - Ok Dry
- 35 Switch Targets/Lamps
  - Ok Missing N/A
- 36 Latches
  - Ok Broken Missing
- 37 Locks
  - Ok Broken Missing
- 38 General Condition
  - S Y R
- 39 Insulated Joints
  - S Y R
- 39a Regular Joints
  - S Y R
Mainline

50 Location
50a Switch I.D. # 30-2b

51 Facing ( )

52 Frog Track N ( ) Y R
R ( ) Y R

53 Frog # 10

54/79 Point Condition
( ) Y R

55 Condition of Frog
( ) Y R

56 Surface of Frog
( ) Y R

57 Throat in Inches 3 1/2

72 Flange Way Depth 2

Flange Way Depth must not be less than 1 1/4" ( )

Gage
58 Main Track 56 Y 2

59 Turnout Track 56 Y 2

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 3/8 R 54 3/8

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 1/8 R 52 1/8

Back to Back Gage must be less than 53 1/8"

62 Condition
( ) Y R

63 Location of Guard Rail (Relation to Point)
( ) Y R

Guard Rail Clamps
64 Main Track
( ) Y R N/A

65 Turnout Track
( ) Y R N/A

Class 1 - Gage 56" to 57 1/4"

More than 57 1/4" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/4" downgrade to

Class 2 and gets a Y

Remarks on page 3

GMJC 11-10-2011

Turnout Ties

66 Condition
( ) Y R N/A

67 Rail Movement
( ) Y R N/A

Tie Plates

68 Lead
( ) Y R N/A

69 Guard Rail Flangeway
( ) Y R N/A

Guard Rail Flangeway can not be less 1 1/4"

70 Guard Rail Plates
( ) Y R N/A

71 Frog Plates
( ) Y R N/A

Bolts

73 Loose 0 N/A

74 Missing 0 N/A

Rivets (Huck)

75 Loose 0 N/A

76 Missing 0 N/A

77 Nuts Missing 0 N/A

78 Cotter Pins Missing 0 N/A

79 Washers

Ok Broken Missing N/A

80 Hold Down Devices
( ) Y R N/A

81 Spring Housing
( ) Y R N/A

82 Derails
( ) Y R N/A

83 Maximum difference in any 31' in Cross

Level on the siding from the Frog Point to

50' beyond the last long tie

Ok Difference

84 Condition of Line thru entire turnout
( ) Y R
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 5/29/14

11-10-2011
<table>
<thead>
<tr>
<th>Section</th>
<th>Details</th>
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<tbody>
<tr>
<td>Date</td>
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<tr>
<td>Watchman</td>
<td>F</td>
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<tr>
<td>Location</td>
<td>CM50.30</td>
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<td>Switch I.D. #</td>
<td>030 SW-1</td>
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<tr>
<td>Facing</td>
<td>Trailing</td>
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<td>Rail Points</td>
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<td>4 Point to Point</td>
<td>3/4</td>
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<tr>
<td>5 Point Condition</td>
<td>SY R</td>
</tr>
<tr>
<td>6 Point Throw</td>
<td>Min 3 1/2 inches on house top point protected</td>
</tr>
<tr>
<td>8 Point Opening</td>
<td>R 3/4</td>
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<tr>
<td>7 Fit</td>
<td>SY R</td>
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<tr>
<td>8 General Condition of the Points</td>
<td>SY R</td>
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<tr>
<td>Gage</td>
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<tr>
<td>Heel of Switch</td>
<td>5 1/8</td>
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<tr>
<td>Main</td>
<td>5 1/8</td>
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<tr>
<td>Turnout</td>
<td>5 1/8</td>
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<td>Gage ahead of Bend</td>
<td>5 1/8</td>
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<td>Stock Rail</td>
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<td>14 Bend</td>
<td>SY R</td>
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<tr>
<td>15 Condition</td>
<td>SY R</td>
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<tr>
<td>Bolts</td>
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</tr>
<tr>
<td>16 Loose</td>
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<tr>
<td>17 Missing</td>
<td>N/A</td>
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<tr>
<td>Rivets (Huck Bolts)</td>
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<td>18 Loose</td>
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<tr>
<td>19 Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>20 Cotter Pins Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>21 Jam Nuts Loose</td>
<td>N/A</td>
</tr>
<tr>
<td>21a Washers</td>
<td>Ok Broken N/A</td>
</tr>
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**Switch Rods**
- #2 Rod
- #3 Rod
- #4 Rod

**Switch Rods**
- From Rod
- #1 Rod (Basket Rod)

**Stock Rail**
- Bend
- Condition

**Remarks on page 3**
- CMJC 11-10-2011
Mainline

50 Location
50a Switch I.D. # 3 D-1

51 Facing
52 Frog Tread N S Y R R S Y R

53 Frog # 10
54/79 Point Condition S Y R

55 Condition of Frog S Y R

56 Surface of Frog S Y R

57 Throat in Inches 2
58 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/4"

Gage
58 Main Track 5 6 3/8
59 Turnout Track 5 6 3/8
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 5 4 7/8 R 5 4 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 2 3/8 R 5 2 1/8
Back to Back Gage must be less than 53 1/8"

62 Condition
S Y R

63 Location of Guard Rail (Relation to Point) S Y R

Guard Rail Clamps
64 Main Track S Y R N/A
65 Turnout Track S Y R N/A

Class 1 Gage 56" to 57 1/2"
More than 57 1/2" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 1/2" downgrade to
Class 2 and gets a Y

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Turnout Ties
66 Condition S Y R N/A
67 Rail Movement S Y R N/A

Tie Plates
68 Lead S Y R N/A
69 Guard Rail Flangeway S Y R N/A
Guard Rail Flangeway can not be less 1 1/4"
70 Guard Rail Plates S Y R N/A

71 Frog Plates S Y R N/A

Bolts
73 Loose 0 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 N/A
77 Nuts Missing 0 N/A
78 Cotter Pins Missing N/A
79 Washers Ok Broken Missing N/A

80 Hold Down Devices S Y R N/A
81 Spring Housing S Y R N/A

82 Details S Y R N/A

83 Maximum difference in any 31' in Cross
Level on the siding from the Frog Point to
50' beyond the last long tie
Ok Difference 3/16

84 Condition of Line thru entire turnout S Y R

Remarks on page 3

GMJC 11-10-2011
Moved point of switch showing weak

NoBAD

Switch inspection complete

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: J Tom Date: 5/29/14

11-10-2011