<table>
<thead>
<tr>
<th>Date</th>
<th>11-2-13</th>
<th>Inspection Crew</th>
<th>Watchman</th>
<th></th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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### Rail Points

<p>| | | |</p>
<table>
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<tr>
<th></th>
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<tbody>
<tr>
<td>4</td>
<td>PTP</td>
<td>S 1/4</td>
</tr>
<tr>
<td>5</td>
<td>PC</td>
<td>S 1/4</td>
</tr>
</tbody>
</table>

- **4 Point to Point**: S 1/4
- **5 Point Condition**: N/A

### Point Throw

<table>
<thead>
<tr>
<th>Min</th>
<th>3 1/2 inches on house top point protected</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>A 1/4</td>
</tr>
</tbody>
</table>

### Point Opening

<table>
<thead>
<tr>
<th>N</th>
<th>S 1/4</th>
<th>R 1/4</th>
</tr>
</thead>
</table>

### Fit

| S 1/4 | N/A |

### General Condition of the Points

| S 1/4 | N/A |

### Gage

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

### Stock Rail

| S 1/4 | N/A |

### Bolts

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

### Rivets (Huck Bolts)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>18</td>
<td>Loose: 0 N.A</td>
</tr>
<tr>
<td>19</td>
<td>Missing: 0 N.A</td>
</tr>
<tr>
<td>20</td>
<td>Cotter Pins Missing: 0 N.A</td>
</tr>
<tr>
<td>21</td>
<td>Jam Nuts Loose: 0 N/A</td>
</tr>
</tbody>
</table>

### Remarks on page 3

- **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**: 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’ 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, Great than 13/4” is Out of Service**
- **32 Head Block Ties**: S Y R
- **33 Switch Adjustments**: Yes (No)
- **34 Lubrication**: 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. #**
- **51 Facing**
- **52 Frog Tread**: N $\text{8}_Y_R$, R $\text{8}_Y_R$
- **53 Frog #**
- **54/79 Point Condition**: Y R
- **55 Condition of Frog**: Y R
- **56 Surface of Frog**: Y R
- **57 Throat in Inches**: 3 3/4
- **58 Main Track**
- **59 Turnout Track**
- **46/79 Flangeway Depth**: 2
- **Flangeway Depth must not be less than 1 1/2”**
- **58 Main Track**
- **59 Turnout Track**
- **Gage must not be less than 56” any class**
- **58 Main Track**
- **59 Turnout Track**
- **Guard Rails**
- **60 Guard Rail Gage**: N 34 3/8, R 34 13/16
- **Guard Rail Gage must more than 54 3/8”**
- **61 Back To Back**: N 52 9/16, R 52 9/16
- **Back to Back Gage must be less than 53 1/8”**
- **62 Condition**: Y R
- **63 Location of Guard Rail (Relation to Point)**
- **64 Main Track**: Y R
- **65 Turnout Track**: Y R

### 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**: 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 (Ok) Broken Missing**: N/A

### Hold Down Devices

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

### Spring Housing

- **81 Spring Housing**: 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

- **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**: 

### Condition of Line thru entire turnout

- **84 Condition of Line thru entire turnout**: Y R

---

**Remarks on page 3**

GM SC 11-10-2011
No New Defects

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: 11-8-13

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

Date  11-02-13
Watchman
1 Location  N/A
2 Switch I.D. #  43
3 Facing  Trailing

Rail Points
4 Point to Point  5/4
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  4/6  H  5/4
6a Point Opening
N  4/6  R  5/4
7 Fit
(S) Y R
8 General Condition of the Points
(S) Y R

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

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  Missing

Remarks on page 3

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 Rodes
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 Target/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. # ______________________
51 Facing ____________________________
52 Frog Tread N Y R  Y R
61 Back to Back Gage must more than 54 3/8"
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

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 1/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track 90 1/2
59 Turnout Track 90 3/4
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 94 3/8 94 7/8

Guard Rail Gage must more than 54 3/8"
61 Back to Back N 92 3/8 92 7/8
Back to Back Gage must be less than 53 1/8"
62 Condition Y R

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 1/2"
70 Guard Rail Plates Y R N/A
71 Frog Plates Y R N/A

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

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 Broke 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 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: 11-8-13

11-10-2011
Mainline

Switch Inspection Report Semi-Annual

Date  10-2-13  Inspection Crew  
Watchman  
1 Location  NA  2 Switch ID #  438  
3 Facing  X  Trailing

Rail Points
4 Point to Point  51 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  4 3/4  R  4 3/4
6a Point Opening  N  5 3/4  R  5 3/4
7 Fit  SYR
8 General Condition of the Points  SYR

Gage
Heel of Switch
9 Main  56 3/4
10 Turnout  56 3/4
11 Gage ahead of Bend  56 3/4
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
   Turnout  0 1/4
   Main  0 1/4

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

Remainder on page 3

T. SCHILLER  W. BRYANT

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

50 Location
50a Switch I.D. # 
51 Facing ____________ 
52 Frog Tread N S Y R R S Y R
53 Frog # 6 54/79 Point Condition S Y R
55 Condition of Frog $ Y R
56 Surface of Frog $ Y R
57 Throat in Inches 3 1/4
58 Main Track 56 1/4
59 Turnout Track 56 3/4
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 4 9/16 R 4 3/4
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 2 3/8 R 2 9/16
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

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 1/2"
70 Guard Rail Plates $ Y R N/A

Flange Wear
71 Frog Plates $ Y R N/A

Bolts
72 Loose O N/A
73 Missing O N/A

Rivets (Huck)
74 Hold Down Devices $ Y R N/A
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

40 Hold Down Devices $ Y R N/A
41 Spring Housing $ Y R N/A
42 Derails $ Y R N/A

80 Location of Guard Rail (Relation to Point) $ Y R

81 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: 11-8-13

11-10-2011
Mainline | Switch Inspection Report Semi-Annual | WO# 1247861 | Page 1 of 3

**Date:** 11-2-13  
**Watchman:**  
1 Location: N/A YARD  
2 Switch I.D. #: 94 18  
3 Facing: Y Trailing  

**Rail Points**  
4 Point to Point: 5 1/8  
5 Point Condition: S Y R  
6 Point Throw: Min 3 1/2 inches on house top point protected  

6a Point Opening: N S  
7 Fit: N S  
8 General Condition of the Points:  
9 Y R  

**Gage**  
10 Gage ahead of Bend: S 6 3/8  
11 Gage ahead of Bend: S 6 3/8  
12 Heel Spread in Inches: Turnout: 6 1/4  
13 Main: 6 1/4  

**Stock Rail**  
14 Bend:  
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 N/A  

**Switch Rodes**  
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:  
32 Head Block Tics:  
33 Switch Adjustments:  
34 Lubrication:  
35 Switch Targets/Lamps:  
36 Latches:  
37 Locks:  
38 General Condition:  
39 Insulated Joints:  
39a Regular Joints:  

**Remarks on page 3**

GMTC 11-10-2011
Mainline

50 Location
50a Switch I.D. #
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog # 70
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 Flangeeway Depth 1 1/2
Flangeeway Depth must not be less than 1 1/2"

Gage
58 Main Track S 3/4
59 Turnout Track S 1/2
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N S 7/8 R S 4/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N S 13/16 R S 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 1/4" downgrade 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 Flangeeway S Y R N 1 1/2 R
Guard Rail Flangeeway 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 ○ 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 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' params Cross
Level on the siding from the Frog Point to 50' beyond the last long tie
☑ Difference

84 Condition of Line thru entire turnout S Y R

Remarks on page 3

QM: JC 11-10-2011
LEAVES IN POINT AREA — FIRE HAZARD

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 Boyle  Date: 11-8-13

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

**WO# 1247859**

<table>
<thead>
<tr>
<th>Date</th>
<th>Inspection Crew</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/1/2012</td>
<td>T. Sehrner W. Bryant</td>
</tr>
</tbody>
</table>

**Watchman**
- Location: N/A, Y/A, N/A
- Switch ID #: 194 1A
- Facing: X, Trailing

**Rail Points**
- 4 Point to Point: 5 1/2
- 5 Point Condition: 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
- 6a Point Opening: N, S 1/8, R, S 5 3/8
- 7 Fit: Y R
- 8 General Condition of the Points: Y R

**Gage**
- Heel of Switch: 5 1/2
- 9 Main: S 3/4
- 10 Turnout: 56 3/4
- 11 Gage ahead of Bend: S 1/4
  - 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 1/4

**Stock Rail**
- 14 Bend: Y R
- 15 Condition: 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, Missing

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

**Switch Rods**
- 31 Surface of Switch: 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

**Stock Rail**
- 32 Head Block Ties: Y R
- 33 Switch Adjustments: Yes, No

**Lubrication**
- Yes

**Switch Targets/Lamps**
- Ok, Missing: N/A

**Locks**
- Ok, Broken, Missing

**General Condition**
- Y R

**Insulated Joints**
- Y R

**Regular Joints**
- Y R

**Remarks on page 3**

GAEJC 11-10-2011
Mainline

50 Location
50a Switch I.D. #
51 Facing Trailing
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 3/4
72 Flangeway Depth 1 3/16
Flangeway Depth must not be less than 1 3/4"

Gage
58 Main Track 56 1/2
59 Turnout Track 56 3/4
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 7/8 R 54 7/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 3/4 R 52 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 1/2”
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
      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 1 7/16 R __________
Guard Rail Flangeway can not be less 1 3/4"
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

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: 11-8-13

11-10-2011
Mainline Switch Inspection Report Semi-Annual  WO# 1247835  Page 1 of 3

Date  11-2-13  Inspection Crew  I. SCHISLER W. BRYANT
Watchman
1 Location  N/A 7000
2 Switch I.D. # 94 3A
3 Facing  Trailing

Rail Points
4 Point to Point  S1 17/16
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  41/2  R  31/2
6a Point Opening
   N  4 13/16  R  4 13/16
7 Fit  SYR
8 General Condition of the Points  SYR

Gage
Heel of Switch
9 Main  56 1/8
10 Turnout  56 1/8
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
   Turnout  2 1/2
13 Main  2 1/4

Stock Rail
14 Bend  SYR
15 Condition  SYR

Bolts
16 Loose  O  N/A
17 Missing  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  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 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

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 3 1/4
72 Flangeway Depth 1 3/8
Flangeway Depth must not be less than 1 1/2”

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

Guard Rails
60 Guard Rail Gage N Y 3/12 R 3/4 1/12
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 52 1/4 R 52 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 1/4”
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
OM-JC 11-10-2011

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/A
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 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 Difference

84 Condition of Line thru entire turnout Y R
Remarks

- Curved worn curve closure, curvatur point + frog
- Hair pins (numerous) coming up
- Gage nose still in horizon gage after 2½ yrs
- Pile frog point + throat

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: 11-8-13

11-10-2011
### Mainline

**Date:** 11-5-13  
**Watchman:** D. Byrd

1. **Location:** Texas & South
2. **Switch ID #:** L9B 1B
3. **Facing:** Trailing

#### Rail Points

- **4 Point to Point:** 51 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 4 1/4
  - R 2 1/4
- **6a Point Opening:**
  - N 4 3/4
  - R 4 3/4
- **7 Fit:** SYR
- **8 General Condition of the Points** SYR

#### Gage

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

### 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

### Switch Inspection Report Semi-Annual

**WON:** 1223742  
**Page:** 1 of 3

**Inspection Crew:** T. Schmied, W. Bryant

- **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

**Remarks on page 3**

GM JC 11-11-2011
Remarks

Bogie Point Batteries + Throat

Side Wear Just Starting on Point

Lavkin Point (Switch) - Free Hazards

Capped Point ¼"

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: 11-9-13

11-10-2011
Mainline | Switch Inspection Report Semi-Annual
---|---
Date: | 11-5-13

**Inspection Crew**
- T. Schijve
- W. Bryant

### Rail Points
- **Point to Point:** 61 3/8
- **Point Condition:** SYR
- **Point Throw:** Min 3 1/2 inches on house top point protected
- **Point Number:** 4
- **Point Opening:** N 4 1/2 R 4 1/2
- **Point Number:** 6a
- **Point Opening:** N 5 1/4 R 5 1/4
- **Point Number:** 7
- **Point Opening:** SYR
- **Point Number:** 8
- **Point Opening:** SYR

### Gage
- **Heel of Switch:**
- **Main:** 5 5/16
- **Curve:** 56 7/8
- **Gage ahead of Bend:** 56 7/8
- **Must be less than 56 inches or more than 57 inches for “S”

### Stock Rail
- **Bend:** SYR
- **Condition:** SYR

### Bolts
- **Loose:** 0 N/A
- **Missing:** 0 N/A

### Rivets (Huck Bolts)
- **Loose:** 0 N/A
- **Missing:** 0 N/A
- **Cotter Pins Missing:** 0 N/A
- **Jam Nuts Loose:** 0 N/A
- **Washers:** Ok Broken Missing

### Switch Rods
- **Front Rod:** SYR N/A
- **#1 Rod:** SYR N/A
- **#2 Rod:** SYR N/A
- **#3 Rod:** SYR N/A
- **#4 Rod:** SYR N/A
- **Closure Rail:** SYR
- **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

### Head Block Ties
- **Switch Adjustments:** Yes
- **Lubrication:** Ok Dry
- **Switch Targets/Lamps:** Ok Missing N/A
- **Latches:** Ok Broke Missing
- **Locks:** Ok Broke Missing

### General Condition
- **Insulated Joints:** SYR
- **Regular Joints:** SYR

**Remarks on page 3**

GMJC 11-16-2011
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\frac{1}{4}
72 Flangeway Depth Y R
Flangeway Depth must not be less than 1 \frac{1}{2}

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

60 Guard Rail Gage N Y R 54\frac{3}{8}

Guard Rail Gage must more than 54 3/8
61 Back To Back N Y R 52\frac{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 \frac{1}{4}
More than 57 \frac{1}{4} Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 \frac{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/A 1/8 Y R
Guard Rail Flangeway can not be less 1 1/8
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 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

Remarks on page 3
GM JC 11-10-2011
LEAVES IN POINT AREA — FIRE HAZARD

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: 11-9-13

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

Date 11-5-13  Inspectio Crew
Watchman D. Byrd
1 Location Texas South
2 Switch 1 D. # 698-3
3 Facing Trailing

Rail Points
4 Point to Point 5
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 3/4 R 4 3/4
6a Point Opening
N 5 3/4 R 5 3/4
7 Fit S Y R
8 General Condition of the Points
S Y R

Gage
Heel of Switch
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
Turnout 6 1/4
13 Main 6 1/4

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 0 Broken N/A

Remarks on page 3

W0# 1223858 Page 1 of 3

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

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N $ Y R
R $ Y R

53 Frog # 15
54/79 Point Condition
$ Y R
55 Condition of Frog
$ Y R
56 Surface of Frog
$ Y R

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

Gage
58 Main Track 5 1/4
59 Turnout Track 6 1/2
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 5 1/2
R 5 3/4

Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 1/4
R 5 2/4

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 1 1/4 R 1 1/8
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

Remarks on page 3
GM JC 11-10-2011
LEAVES SWITCH BIN AREA - FIRE HAZARD

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

Reviewed by: [Signature]
Date: 11-19-13

11-10-2011
Mainline

Switch Inspection Report Semi-Annual

Date 11-5-13
Watchman D Byrd
1 Location Texas North
2 Switch I.D. # 711
3 Facing Trailing

Rail Points
4 Point to Point 5 2 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 4 1/2 R 4 1/2
6a Point Opening
   N 4 1/4 R 4 1/4
7 Fit SYR
8 General Condition of the Points SYR

Gage
Heel of Switch
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
   Turnout 6 1/2
13 Main 6 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

W.O. # 1223752
Page 1 of 3

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
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
40a Regular Joints SYR
### Mainline

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>50a</td>
<td>Switch I.D. #</td>
</tr>
<tr>
<td>51</td>
<td>Facing</td>
</tr>
<tr>
<td>52</td>
<td>Frog Tread</td>
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<tr>
<td>53</td>
<td>Frog #</td>
</tr>
<tr>
<td>54/79</td>
<td>Point Condition</td>
</tr>
<tr>
<td>55</td>
<td>Condition of Frog</td>
</tr>
<tr>
<td>56</td>
<td>Surface of Frog</td>
</tr>
<tr>
<td>57</td>
<td>Throat in Inches</td>
</tr>
<tr>
<td>72</td>
<td>Flangeway Depth</td>
</tr>
</tbody>
</table>

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

### Gage

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>58</td>
<td>Main Track</td>
</tr>
<tr>
<td>59</td>
<td>Turnout Track</td>
</tr>
</tbody>
</table>

**Gage must not be less than 56" any class**

### Guard Rails

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>60</td>
<td>Guard Rail Gage N</td>
</tr>
<tr>
<td>61</td>
<td>Back to Back</td>
</tr>
<tr>
<td>62</td>
<td>Condition</td>
</tr>
<tr>
<td>63</td>
<td>Location of Guard Rail (Relation to Point)</td>
</tr>
</tbody>
</table>

**Guard Rail Gage must more than 54 3/8"**

### Guard Rail Clampa

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>64</td>
<td>Main Track</td>
</tr>
<tr>
<td>65</td>
<td>Turnout Track</td>
</tr>
</tbody>
</table>

### Turnout Ties

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>56</td>
<td>Condition</td>
</tr>
<tr>
<td>67</td>
<td>Rail Movement</td>
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</tbody>
</table>

### Tie Plates

<table>
<thead>
<tr>
<th>Item</th>
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</thead>
<tbody>
<tr>
<td>68</td>
<td>Lead</td>
</tr>
<tr>
<td>69</td>
<td>Guard Rail Flangeway</td>
</tr>
</tbody>
</table>

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

### Gage

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>58</td>
<td>Main Track</td>
</tr>
<tr>
<td>59</td>
<td>Turnout Track</td>
</tr>
</tbody>
</table>

**Gage must not be less than 56" any class**

### Guard Rails

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>60</td>
<td>Guard Rail Gage N</td>
</tr>
<tr>
<td>61</td>
<td>Back to Back</td>
</tr>
<tr>
<td>62</td>
<td>Condition</td>
</tr>
<tr>
<td>63</td>
<td>Location of Guard Rail (Relation to Point)</td>
</tr>
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</table>

**Guard Rail Gage must more than 54 3/8"**

### Rivets (Huck)

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

**Rivets (Huck) must be N/A**

### Hold Down Devices

<table>
<thead>
<tr>
<th>Item</th>
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<td>80</td>
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</table>

### Derails

<table>
<thead>
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<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>82</td>
<td>Derails</td>
</tr>
</tbody>
</table>

**Maximum difference in any 31" in Cross**

**Level on the siding from the Frog Point to**

**50' beyond the last long tie**

**Difference**

### 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: 11-9-13

11-10-2011
<table>
<thead>
<tr>
<th>Mainline Switch Inspection Report Semi-Annual</th>
<th>Inspection Crew</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date ........................................</td>
<td>Watchman ..........</td>
</tr>
<tr>
<td>11-5-13 ........................................</td>
<td>G. R. W. R. ........</td>
</tr>
<tr>
<td>Location ......................................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>TEXAS - N. DEPT ..................................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>2 Switch 1 D. # 711-3 ..........................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>3 Facing .......................................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>Trailing .......................................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>Rail Points ...................................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>4 Point to Point ..................................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>$7 \frac{3}{4}$ ....................................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>5 Point Condition ...............................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>$S \ Y \ R$ Nothing less than 4 inches or greater than 5 inches.</td>
<td>Location ..........</td>
</tr>
<tr>
<td>6 Point Throw, Min. 3 1/2 inches on house top point protected</td>
<td>Location ..........</td>
</tr>
<tr>
<td>N 7/8 ..........................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>6a Point Opening ...............................</td>
<td>Location ..........</td>
</tr>
<tr>
<td>N $S$ ..................................</td>
<td>Location ..........</td>
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<td>R $S$ ..................................</td>
<td>Location ..........</td>
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<tr>
<td>7 Fit ........................................</td>
<td>Location ..........</td>
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<td>$S \ Y \ R$ ....................................</td>
<td>Location ..........</td>
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<td>8 General Condition of the Points ........</td>
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<tr>
<td>$S \ Y \ R$ ....................................</td>
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<td>Gage ........................................</td>
<td>Location ..........</td>
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<tr>
<td>Heel of Switch ..................................</td>
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<tr>
<td>9 Main $\frac{3}{4}$ .............................</td>
<td>Location ..........</td>
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<tr>
<td>10 Turnout $\frac{3}{8}$ ..........................</td>
<td>Location ..........</td>
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<td>11 Gage ahead of Bend $\frac{3}{4}$ ..........................</td>
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<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
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<td>12 Heel Spread in Inches ..........................</td>
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<td>13 Main $\frac{3}{4}$ .............................</td>
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<td>Stock Rail ....................................</td>
<td>Location ..........</td>
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<td>14 Bend .......................................</td>
<td>Location ..........</td>
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<tr>
<td>$S \ Y \ R$ ....................................</td>
<td>Location ..........</td>
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<tr>
<td>15 Condition ..................................</td>
<td>Location ..........</td>
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<tr>
<td>$S \ Y \ R$ ....................................</td>
<td>Location ..........</td>
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<tr>
<td>Bolts ........................................</td>
<td>Location ..........</td>
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<tr>
<td>16 Loose ......................................</td>
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<td>17 Missing ....................................</td>
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<tr>
<td>Rivets (Huck Bolts) ..........................</td>
<td>Location ..........</td>
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<td>Location ..........</td>
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<td>19 Missing ....................................</td>
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</tr>
<tr>
<td>20 Cotter Pins Missing ..........................</td>
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<tr>
<td>21 Jam Nuts Loose ...............................</td>
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<td>21a Washers ....................................</td>
<td>Location ..........</td>
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GMJC 1-16-2011
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<td>51 Facing</td>
<td>Trailing</td>
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<tr>
<td>52 Frog Tread N</td>
<td>$ Y R</td>
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<tr>
<td>R</td>
<td>$ Y R</td>
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<tr>
<td>53 Frog # 1/2</td>
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<tr>
<td>54/79 Point Condition</td>
<td>$ Y R</td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>$ Y R</td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>$ Y R</td>
</tr>
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<td>57 Throat in Inches</td>
<td>2 3/4</td>
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<td>72 Flangeway Depth</td>
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<td>Flangeway Depth must not be less than 1 1/4&quot;</td>
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<td>Gage</td>
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<td>Guard Rails</td>
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<td>60 Guard Rail Gage N</td>
<td>54 3/8 R</td>
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<td>62 Condition</td>
<td>$ Y R</td>
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<td>63 Location of Guard Rail (Relation to Point)</td>
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<td>Guard Rail Clamps</td>
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<td>64 Main Track</td>
<td>$ Y R N/A</td>
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<td>65 Turnout Track</td>
<td>$ Y R N/A</td>
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<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>
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**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 must not be less than 1 1/4"
- 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
- 76 Missing
  - $ N/A
- 77 Nuts Missing
  - $ N/A
- 78 Cotter Pins Missing
  - $ N/A
- 79 Washers
  - Ok
  - Broken
  - Missing
  - $ N/A

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

**Spring Housing**
- 81 Spring Housing
  - $ Y R N/A

**Derails**
- 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: 11-9-13

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

Date 14-5-13 Inspection Crew T. SCHUSTER W. BRYANT
Watchman D. BRYO

1 Location
2 Switch I.D. # 713 13 Marked 713
3 Facing Trailing X

Rail Points
4 Point to Point 5/16
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 5/16 N
6a Point Opening N 5 R 5

7 Fit S Y R
8 General Condition of the Points S Y R

Gage
9 Heel of Switch
10 Main 36 1/8
10 Turnout 56 1/4
11 Gage ahead of Bend 36 9/16
Must not be less than 36 inches or more than 37 inches for "S"
12 Heel Spread in Inches
13 Main 6 1/4

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 Missing

Remarks on page 3

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

40a Regular Joints S Y R

GMP 11-16-2011
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Frog Inspection Report Semi-Annual</th>
<th>Page 2 of 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Location</td>
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<td>50a Switch I.D. #</td>
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<td>51 Facing</td>
<td>Trailing</td>
<td>Trailing</td>
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<td>52 Frog Tread</td>
<td>N  S  Y  R</td>
<td>R  S  Y  R</td>
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<tr>
<td>53 Frog #</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td>S  Y  R</td>
<td>S  Y  R</td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>S  Y  R</td>
<td>S  Y  R</td>
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<tr>
<td>56 Surface of Frog</td>
<td>S  Y  R</td>
<td>S  Y  R</td>
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<tr>
<td>57 Throat in Inches</td>
<td>3 ( \frac{1}{2} )</td>
<td>3 ( \frac{1}{2} )</td>
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<td>72 Flangeway Depth</td>
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<td>7</td>
</tr>
<tr>
<td>Flangeway Depth must not be less than 1 ( \frac{1}{2} )&quot;</td>
<td></td>
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</table>

**Gage**

| 58 Main Track | S  \( \frac{3}{4} \) | S  \( \frac{3}{4} \) | S  \( \frac{3}{4} \) | S  \( \frac{3}{4} \) |
| 59 Turnout Track | S  \( \frac{3}{4} \) | S  \( \frac{3}{4} \) | S  \( \frac{3}{4} \) | S  \( \frac{3}{4} \) |

Gage must not be less than 56" any class

**Guard Rails**

| 60 Guard Rail Gage | N  S  \( \frac{3}{4} \) | R  S  \( \frac{3}{4} \) | R  S  \( \frac{3}{4} \) | R  S  \( \frac{3}{4} \) |
| 61 Back To Back | N  S  \( \frac{3}{4} \) | R  S  \( \frac{3}{4} \) | R  S  \( \frac{3}{4} \) | R  S  \( \frac{3}{4} \) |

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

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

**Guard Rail Clamps**

| 64 Main Track | S  Y  R | N/A | S  Y  R | N/A |
| 65 Turnout Track | S  Y  R | N/A | 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**

**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 | \( \frac{1}{4} \) | R | \( \frac{1}{16} \) |

Guard Rail Flangeway can not be less 1 \( \frac{1}{4} \)"

| 70 Guard Rail Plates | S  Y  R | N/A |
| 71 Frog Plates | S  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 (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 | Ok | Difference |

**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 |

Remarks on page 3

OM JC 11-10-2011
Remarks

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: 11-9-13

11-10-2011
### Mainline

**Switch Inspection Report Semi-Annual**

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<td>BRYANT</td>
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<tr>
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<tr>
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<td>1131 R</td>
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<tr>
<td>Facing</td>
<td>Trailing</td>
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#### Rail Points
| 4 Point to Point | S1/2 |
| 5 Point Condition | S Y R |
| 6 Point Throw | Nothing less than 4 inches or greater than 5 inches. |
| 6a Point Opening | N 4 3/4 R S 1/8 |
| 7 Fit | S Y R |
| 8 General Condition of the Points | S Y R |

#### Gage
| Heel of Switch | |
| 9 Main | S 1/2 |
| 10 Turnout | S 3/16 |
| 11 Gage ahead of Bend | S 36 |
| *Must not be less than 56 inches or more than 57 inches for “S”* |
| 12 Heel Spread in Inches | |
| Turnout | 0 1/8 |
| 13 Main | 0 4/0 |

#### 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 | 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 |

#### 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 |

### Remarks on page 3

*OMC 11-16-2011*
Mainline

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

Gage
58 Main Track 56 3/4
59 Turnout Track 56 3/4
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 34 5/16 R 34 5/16
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 3/4 R 52 1/4
Back to Back Gage must be less than 53 1/8"
62 Condition SYYR
63 Location of Guard Rail (Relation to Point) SYYR

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

Class 1 Gage 56” to 57 ¼”
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

Remarks on page 3

Frog Inspection Report Semi-Annual

Turnout Ties
66 Condition SYYRN/A
67 Rail Movement SYYRN/A

Tie Plates
68 Lead SYYRN/A
69 Guard Rail Flangeway SYYRN/1 1/6 R 1 1/6
Guard Rail Flangeway can not be less 1 1/6"
70 Guard Rail Plates SYYRN/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 SYYRN/A
81 Spring Housing SYYRN/A
82 Derailed SYYRN/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 SYYR

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: 11-9-13

11-10-2011
**Mainline**  
**Switch Inspection Report Semi-Annual**  
**WO# 1215634**  
**Page 1 of 3**

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**Rail Points**
- 4 Point to Point: 52 1/4
- 5 Point Condition: $Y R$
- 6 Point Throw: Min 3 1/2 inches on house top point protected
- 6a Point Opening:  
  - N: 1  
  - $A: 1/6$  
  - $R: 1/6$
- 7 Fit: $Y R$
- 8 General Condition of the Points: $Y R$

**Gage**
- Heel of Switch:  
  - 9 Main: 5L 3/4
  - 10 Turnout: 5L 3/6
  - 11 Gage ahead of Bend: $L: 1/2$
- Must not be less than 56 inches or more than 57 inches for “S”
- 12 Heel Spread in Inches: $C: 1/4$
- 13 Main: $C: 1/4$

**Stock Rail**
- 4 Bend: $Y R$
- 15 Condition: $Y R$

**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**

---

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

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

31 Surface of Switch $Y R$
- 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, Greater than 13/4” is Out of Service

32 Head Block Ties $Y R$
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 $Y R$
39 Insulated Joints $Y R$
39a Regular Joints $Y R$
Mainline

Frog Inspection Report Semi-Annual

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 3 1/4
72 Flangeway Depth 1 3/16
Flangeway Depth must not be less than 1 1/8"

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

Guard Rails
60 Guard Rail Gage N $4 7/8 R $4 7/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N $2 7/8 R $2 7/8
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 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

OM JC 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 / 3/16 R / 3/16
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 $ 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 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: __________________________ Date: ________

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

Date 11-5-13
Watchman D. B. Rod
1 Location
2 Switch I.D. # 723
3 Facing Trailing

Rail Points
4 Point to Point 51 3/4
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 Y R
6a Point Opening N 5 R 5
7 Fit S Y R
8 General Condition of the Points S Y R

Gage
Heel of Switch
9 Main 51 1/2
10 Turnout 51 1/2
11 Gage ahead of Bend 51 3/4
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 6 1/4

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

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 Missing

Remarks on page 3

WO# 1215636 Page 1 of 3

T. Schisler W. Bryant

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. # ______________________
51 Facing ___________________________
52 Frog Tread N $YR$
   R $YR$
53 Frog # 10
54/79 Point Condition
   $YR$
55 Condition of Frog
   $YR$
56 Surface of Frog
   $YR$

57 Throat in Inches ______
72 Flangeway Depth ______
Flangeway Depth must not be less than 1 1/2"

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

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

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

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 ______ 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 (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: [Signature]
Date: 11-9-13

11-10-2011
Date: 4-5-13
Watchman: D. Byrd
1 Location: Warren Rd.
2 Switch ID #: 758 A
3 Facing: Trailing X

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 4 3/8 R 4 3/8
6a Point Opening
N 4 3/8 R 4 3/8
7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
Heel of Switch
9 Main: 5 3/8
10 Turnout: 5 3/8
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:
13 Main:

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 Missing

Remarks on page 3

GAEC 11-18-2011
Mainline

50 Location ______________________________
50a Switch I.D. 
51 Facing Trail
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 3 1/2
72 Flangeway Depth 1 3/16
Flangeway Depth must not be less than 1 1/2

Gage
58 Main Track 52 1/4
59 Turnout Track $ 1/2
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 3/8 $ Y R
Guard Rail Gage must be more than 54 3/8"
61 Back To Back N 58 1/4 $ Y R
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

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 0 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
30' beyond the last long tie
0 Difference

84 Condition of Line thru entire turnout $ Y R

Remarks on page 3

GM JC 11-10-2011
No New Defects.

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: 11-9-13

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

**Date**: 11-6-13  
**Watchman**: BYRD

1. **Location**: SEMINARY PARK
2. **Switch I.D.#**: 5351B
3. **Facing**: Trailing Y

### Rail Points
- **4 Point to Point**: 51/8
- **5 Point Condition**: Y R
- **6 Point Throw**: Min 3 1/2 inches on house top point protected
  - N 47/8  R 47/8
- **6a Point Opening**: N 5/4  R 5/4

### Gage
- **Heel of Switch**: 56 1/2
- **Turnout**: 56 1/2
- **Bend 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**
  - Turnout 57/8
  - Main 57/8

### Stock Rail
- **14 Bend**: Y R
- **15 Condition**: 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  Missing

### Remarks on page 3

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**WO#**: 1231685  
**Page 1 of 3**

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

### Switch Rods
- **25 Front Rod**: Y R N/A
- **26 #1 Rod (Basket Rod)**: Y R
- **27 #2 Rod**: Y R
- **28 #3 Rod**: Y R N/A
- **29 #4 Rod**: Y R N/A
- **30 Closure Rail**: Y R
- **31 Surface of Switch**: 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

### Locks
- **32 Head Block Ties**: Y R
- **33 Switch Adjustments**: Yes  (No)
- **34 Lubrication**: Ok  Dry
- **35 Switch Targets/Lamps**: Ok  Missing  N/A
- **36 Latches**: Ok  Broken  Missing

### General Condition
- **38 General Condition**: Y R
- **39 Insulated Joints**: Y R
- **39a Regular Joints**: Y R

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**GAFIC 11-01-2011**
Mainline

Frog Inspection Report Semi-Annual

50 Location
50a Switch I.D. #

51 Facing
52 Frog Tread N Y R

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

57 Throat in Inches
72 Flangeway Depth

Flangeway Depth must not be less than 1 ½"

Gage
58 Main Track
59 Turnout Track

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 5 ½
61 Back To Back N 5 ½

Guard Rail Gage must more than 54 3/8"

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

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

Guard Rail Clamps
64 Main Track
65 Turnout Track

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

GM:JC 11-10-2011

Turnout Ties
66 Condition

67 Rail Movement

Tie Plates
68 Lead
69 Guard Rail Flangeway

Guard Rail Flangeway can not be less 1 ½"

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

Hold Down Devices

80 Spring Housing
81 Derailed

82 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
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: 11-10-13

11-10-2011
**Mainline**

**Switch Inspection Report Semi-Annual**

**Date** 11-6-13

**Watchman** D BYRD

1 Location MT. WASHINGTON

2 Switch I.D. # 342 3B

3 Facing X Trailing

**Rail Points**

4 Point to Point 51 1/4 6

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 % R 4 1/2

6a Point Opening

N 5 R 5

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y R

**Gage**

Heel of Switch

9 Main 60 1/2

10 Turnout 60 1/2

11 Gage ahead of Bend 60 1/2

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 1/4

**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 N/A

**Switch Rods**

22 Standard Joints

23 Switch Plates

24 Adjustable Braces

24a Non-Adjustable Braces

**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

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

**Remarks on page 3**

GMFC 11-10-2011
Mainline  

50 Location ____________________________
50a Switch I.D. # _______________________
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 3 1/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2
Gage
58 Main Track S6 9/16
59 Turnout Track S6 9/16
Gage must not be less than 56” any class
Guard Rails
60 Guard Rail Gage N S4 7/8 R S4 7/8
Guard Rail Gage must more than 54 3/8”
61 Back To Back N S2 13/16 R S2 13/16
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

Frog Inspection Report Semi-Annual

Page 2 of 3

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 1/8 R 1 1/8
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
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: 11-10-13

11-10-2011