Mainline

Switch Inspection Report Semi-Annual

Date 9/28/13
Watchman Q LM
1 Location
2 Switch ID # Czwy 23
3 Facing X Trailing

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

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

Remarks on page 3

WO# 117220
Mainline

50 Location
50a Switch L D. #
51 Facing
52 Frog Tread N Y R
R 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 2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track S 6 1/2
59 Turnout Track S 6 1/2
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N S 4 3/4 R S 4 5/8
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 1/2"
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

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 7/8 R 1 7/8
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 S N/A
74 Missing S N/A

Rivets (Huck)
75 Loose S N/A
76 Missing S N/A
77 Nuts Missing S N/A
78 Cotter Pins Missing S N/A
79 Washers S Broken S Missing S 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
- 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: 9-30-13

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

Date: 9/23/13  Inspection Crew: T. Schisler W. Bryant

Watchman: C. Lay

1 Location
2 Switch ID #: Cwy 16
3 Facing: X Trailing

Rail Points
4 Point to Point: 52
5 Point Condition: S Y R
6 Point Throw: Min 1 1/2 inches on house top point protected
   N 4 1/8 R 4 1/8
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
9 Heel of Switch: 56 5/8
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 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: O Broken N/A

Remarks on page 3

(To be filled out by Watchman)
50 Location
50a Switch I.D. # ____________
51 Facing Trailing
52 Frog Tread N Y R
R Y R
53 Frog # 6
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 2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track 5 1/2
59 Turnout Track 5 1/2

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 5 1/2 5 1/2 Y R R 5 3/8

Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 1/8 5 1/8 Y R 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 1/2"
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
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: 9-30-13

11-10-2011
Mainline  Switch Inspection Report Semi-Annual  WO# 1117222  Page 1 of 3

Date 9/28/13  Inspection Crew T. SCHISLER, W. BRYANT

Watchman  GLAH  
1 Location
2 Switch # 0-0-4-7
3 Facing  

Rail Points
4 Point to Point 5/16
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  
7 Fit  Y R
8 General Condition of the Points  Y R

Gage
Heel of Switch
9 Main 5 1/4
10 Turnout 5 1/4
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

13 Main 6 1/4

Stock Rail
14 Bend  Y R
15 Condition  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  
21 Jam Nuts Loose  N/A
22a Washers  Broken  Missing

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  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  No
34 Lubrication  Dry
35 Switch Targets/Lamps

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
<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>
<td></td>
<td></td>
</tr>
<tr>
<td>50a Switch I.D. #</td>
<td></td>
<td></td>
</tr>
<tr>
<td>51 Facing</td>
<td>Trailing</td>
<td></td>
</tr>
<tr>
<td>52 Frog Tread N</td>
<td>Y R</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>Y R</td>
<td></td>
</tr>
<tr>
<td>53 Frog #</td>
<td></td>
<td></td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td>Y R</td>
<td></td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>Y R</td>
<td></td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>Y R</td>
<td></td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>3 1/4</td>
<td></td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

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

**Gage**

| 58 Main Track | S 1/4 |
| 59 Turnout Track | S 1/4 |

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

**Guard Rails**

| 60 Guard Rail Gage N | 5 1/4 |
| 61 Back To Back N | 5 1 3/4 |

**Guard Rail Gage must more than 54 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 |
| 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 |            |
| 68 Lead | Y R N/A |            |
| 69 Guard Rail Flangeway | Y R N 1 1/4 R 3/4 |            |
| **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 |            |
| 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 | N/A |            |
| 81 Spring Housing | Y R |            |
| 82 Derails | 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 on page 3**

GM JC 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: 9-30-13

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

Date 9/28/13
Watchman G. LAM

1 Location
2 Switch ID # Cwy 18
3 Facing Trailing

Rail Points
4 Point to Point S1 1/4
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 A A R
6a Point Opening N 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 S 3/8
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
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 # 7/288 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 N/A
34 Lubrication Dry
35 Switch Targets/Lamps Ok Missing N/A
36 Latches Broken Missing
37 Locks Broken Missing
38 General Condition S Y R
39 Insulated Joints S Y R
39a Regular Joints S Y R
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
54 Condition of Frog
$ Y R
55 Surface of Frog
$ Y R
56 Throat in Inches $3\frac{1}{4}$
72 Flangeway Depth $2$

Flangeway Depth must not be less than $1 \frac{1}{2}$

Gage
58 Main Track $5\frac{5}{8}$
59 Turnout Track $5\frac{1}{4}$

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N $4\frac{1}{2}$ R $4\frac{3}{8}$
Guard Rail Gage must more than 54 3/8"
61 Back To Back N $2\frac{7}{8}$ R $2\frac{1}{2}$

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

Remarks on page 3

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
$ N/A$
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
$ N/A$
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: 9-30-13

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

Date 01/30/13
Watchman CLAY

1 Location
2 Switch ID #: NA 23
3 Facing: Tailing

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

Gage
Heel of Switch
9 Main 56 5/8
10 Turnout 56 5/8
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 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

WO# 1141087 Page 1 of 3

T SCHRISLER, W. BEYANT

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 R
53 Frog #
54/79 Point Condition
55 Condition of Frog
56 Surface of Frog
57 Throat in Inches
58 Flangeway Depth

Frog Inspection Report Semi-Annual

Frog # must not be less than 1 1/4"

Gage
58 Main Track
59 Turnout Track

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N R

Guard Rail Gage must more than 54 3/8"

61 Back To Back N R

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 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 gets a Y

Turnout Ties
66 Condition

67 Rail Movement

Tie Plates
68 Lead

69 Guard Rail Flangeway

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

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

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

84 Condition of Line thru entire turnout

Remarks on page 3

GMRC 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: 10-3-13

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

Date: 9/30/13

Watchman: G. L. M. H.

Inspection Crew: T. Schisler, W. Bryant

Locomotive #: 1141643

N/A. 25

Rail Points
4 Point to Point: 51 1/4
5 Point Condition: S Y R
6 Point Throw: Min 3 1/2 inches on house top point protected
6a Point Opening: N A 3/4 R A 3/4
7 Fit: S Y R
8 General Condition of the Points: S Y R

Gage
9 Heel of Switch: 56 3/4
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 1/4

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

Bolts
16 Loose: 0 N/A
17 Missing: 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

G. L. M. H. 2011
50 Location
50a Switch I.D. # ____________________________
51 Facing       Trailing
52 Frog Tread  N  Y R  Y R
     R  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
72 Flangeway Depth  2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track  5/8
59 Turnout Track  5/8

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage  N  4/9  R  4/9

Guard Rail Gage must more than 54 3/8"
61 Back To Back  N  52 1/4  R  52 1/4

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

Remarks on page 3

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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  1 1/4  R  1 1/4

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

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: 10-3-13

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

Date 9/30/13  Inspection Crew T. SCHISLER W. BRYANT

Watchman G. LAM

1 Location
2 Switch ID # N/A Y 15
3 Facing X Trailing

Rail Points
4 Point to Point S
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 S R S
6a Point Opening
N S1/3 R S1/3
7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
Heel of Switch
9 Main S61/2

10 Turnout S61/2

11 Gage ahead of Bend S6 9/16

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

13 Main S2 7/8

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# 1124781 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

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
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 # (o)

54/79 Point Condition

$ Y R

55 Condition of Frog

$ Y R

56 Surface of Frog

$ Y R

57 Throat in Inches 3 ¼

72 Flangeway Depth 1 ¾

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 4 ¾

R 4 ¾

Guard Rail Gage must more than 54 3/8”

61 Back To Back N 2 ¾

R 2 ¾

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 ½”

70 Guard Rail Plates

$ Y R N/A

71 Frog Plates

$ Y R N/A

Rivets (Huck)

72 Loose N/A

74 Missing N/A

Bolts

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

GM JC 11-10-2011
No New Defects Notice

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: 10-3-13

11-10-2011
**Mainline**

<table>
<thead>
<tr>
<th>Date</th>
<th>9/30/13</th>
<th><strong>Switch Inspection Report Semi-Annual</strong></th>
<th>Inspection Crew: <strong>Schisler</strong>, <strong>Byant</strong></th>
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<tr>
<td>Watchman</td>
<td>GLAM</td>
<td>WO# 1124783</td>
<td>Page 1 of 3</td>
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<td>Location</td>
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<td>Switch ID</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Facing</td>
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<tr>
<td><strong>Rail Points</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>4 Point to Point</td>
<td>5½'</td>
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<tr>
<td>5 Point Condition</td>
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<tr>
<td>S Y R</td>
<td>Nothing less than 4 inches or greater than 5 inches.</td>
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</tr>
<tr>
<td>6 Point Throw. Min 3 1/2 inches on house top point protected</td>
<td>4½'</td>
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<tr>
<td>6a Point Opening</td>
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<tr>
<td>N 4½'</td>
<td>R 4½'</td>
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<td>7 Fit</td>
<td>S Y R</td>
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<td>8 General Condition of the Points</td>
<td>S Y R</td>
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<tr>
<td><strong>Gage</strong></td>
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</tr>
<tr>
<td>Heel of Switch</td>
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</tr>
<tr>
<td>9 Main</td>
<td>5½</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 Turnout</td>
<td>5½</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>5½</td>
<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
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</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td>0½</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turnout</td>
<td>0½</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13 Main</td>
<td>0½</td>
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</tr>
</tbody>
</table>

**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**

(CAMDET 3) 2011
Mainline

50 Location
50a Switch I.D. #
51 Facing
52 Frog Track  N  5 Y R
                      R  5 Y R
53 Frog #  c
54/79 Point Condition
                      5 Y R
55 Condition of Frog
                      5 Y R
56 Surface of Frog
                      5 Y R

57 Throat in Inches  3/4
72 Flangeway Depth  2

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

Gage
58 Main Track  3/4
59 Turnout Track  3/4

Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage  N  5 4/12  R  5 4/12

Guard Rail Gage must more than 54 3/8”

61 Back To Back  N  5 2/4  R  5 2/4
Back to Back Gage must be less than 53 1/8”

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

Guard Rail Clamps
64 Main Track
                      5 Y R N/A
65 Turnout Track
                      5 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
                      5 Y R N/A
67 Rail Movement
                      5 Y R N/A

Tie Plates
68 Lead
                      5 Y R N/A

69 Guard Rail Flangeway
                      5 Y R N 1/4  R / 3/4

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

70 Guard Rail Plates
                      5 Y R N/A

71 Frog Plates
                      5 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
                      5 Y R N/A

81 Spring Housing
                      5 Y R N/A

82 Derails
                      5 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
                      5 Y R

Remarks on page 3

GMC 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: 10-3-13

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

Date: 9/30/13
Watchman: G. LAH

1. Location: NA
2. Switch ID #: 17B
3. Facing: X (Trailing)

Rail Points
4. Point to Point: 52
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 3/8 R 4 7/8
6a. Point Opening: N 2 7/8 R 2 7/8
7. Fit: SYR
8. General Condition of the Points: SYR

Gage
9. Heel of Switch: 56 1/2
10. Main: 56 1/2
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: 6 1/4
13. Main: 3 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: 0 N/A
21a. Washers: OK Broken Missing

Remarks on page 3

WO# 124785 Page 1 of 3

T. SCHISLER 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

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 # C
54/79 Point Condition Y R
55 Condition of Frog Y R
56 Surface of Frog Y R

57 Throat in Inches 3
52 Flangeway Depth 2

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

Gage
58 Main Track 1/4
59 Turnout Track 3/8

Gage must not be less than 56" any class

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

Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 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 1/4" downgrade to Class 2 and gets a Y

Remarks on page 3

GMJC 11-10-2001

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

84 Condition of Line thru entire turnout 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: 10-3-13

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

Date 9/30/13
Watchman G LA
1 Location
2 Switch ID # CWY 15
3 Facing X Trailing

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

Gage
9 Heel of Switch
10 Main S6 7/8
10 Turnout S6 7/8
11 Gage ahead of Bend S6 7/8
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
13 Main C 7/8

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 Missing

Remarks on page 3

GMER 11-10-2014
Mainline

50 Location
50a Switch I.D. #

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

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

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 54 3/8  R Y R

Guard Rail Gage must more than 54 3/8"
61 Back To Back  N Y Y R

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

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

Guard Rail Clamps
64 Main Track
65 Turnout Track

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 ½" downgrade to
Class 2 and gets a Y

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

Tie Plates
68 Lead
Y Y R N/A
69 Guard Rail Flangeway
Y Y R 1 3/8

Guard Rail Flangeway can not be less 1 ¾"

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

Bolts
73 Loose
74 Missing

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

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

84 Condition of Line thru entire turnout
Y R

Remarks on page 3

GM JC 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: 10/3/13

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

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<tr>
<td>1</td>
<td>2</td>
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<tr>
<td>Switch ID</td>
<td>UY</td>
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<tr>
<td>Facing</td>
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<tr>
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## Rail Points

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<th>Notes</th>
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<td>4</td>
<td>Point to Point</td>
<td>≤ 1 3/8</td>
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<tr>
<td>5</td>
<td>Point Condition</td>
<td>SYR</td>
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<tr>
<td>6</td>
<td>Point Throw</td>
<td>Min 3 1/2 inches on house top point protected</td>
</tr>
<tr>
<td>6a</td>
<td>Point Opening</td>
<td>N 4 3/4 R 4 5/8</td>
</tr>
<tr>
<td>7</td>
<td>Fit</td>
<td>SYR</td>
</tr>
<tr>
<td>8</td>
<td>General Condition of the Points</td>
<td>SYR</td>
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## Gage

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<tr>
<td>Heel of Switch</td>
<td>56 0%</td>
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<tr>
<td>Turnout</td>
<td>62 1/60 56 0L</td>
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<tr>
<td>Gage ahead of Bend</td>
<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
</tr>
<tr>
<td>12</td>
<td>Heel Spread in Inches</td>
</tr>
<tr>
<td>Turnout</td>
<td>6 1/4</td>
</tr>
<tr>
<td>13</td>
<td>Main</td>
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## Stock Rail

<table>
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<tbody>
<tr>
<td>14 Bend</td>
<td>SYR</td>
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<tr>
<td>15 Condition</td>
<td>SYR</td>
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## Bolts

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

<table>
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<td>18 Loose</td>
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<td>19 Missing</td>
<td>N/A</td>
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<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</td>
</tr>
</tbody>
</table>

## Remarks on page 3

GM CALED 2011
Mainline

50 Location ____________________________
50a Switch I.D. # ______________________
51 Facing ____________________________
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 3/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track 56 1/2
59 Turnout Track 56 1/8
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N $4 3/4 R $4 5/6
Guard Rail Gage must more than 54 3/8"
61 Back To Back N $2 3/8 R $2 1/4
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 1/4”
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

Remarks on page 3

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 1/2 R $1 3/4
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 $ 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

QM RC 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 10-3-13

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

Date: 9/30/13
Watchman: LAM

1. Location
2. Switch ID: c/w y 21
3. Facing: Trailing

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

Gage
9. Main: 6 1/4
10. Turnout: 6 1/4
11. Gage ahead of Bend: 8 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: 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: 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 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**

<table>
<thead>
<tr>
<th>Location</th>
<th>Switch I.D. #</th>
<th>Facing</th>
<th>Frog Tread</th>
<th>Frog #</th>
<th>Point Condition</th>
<th>Condition of Frog</th>
<th>Surface of Frog</th>
<th>Throat in Inches</th>
<th>Flange Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td></td>
<td></td>
<td>N</td>
<td>S</td>
<td>Y R</td>
<td>S Y R</td>
<td>S Y R</td>
<td>3/4</td>
<td>72</td>
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**Frog Inspection Report Semi-Annual**

<table>
<thead>
<tr>
<th>Turnout Ties</th>
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<tbody>
<tr>
<td>66 Condition</td>
</tr>
<tr>
<td>S Y R N/A</td>
</tr>
<tr>
<td>67 Rail Movement</td>
</tr>
<tr>
<td>S Y R N/A</td>
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<table>
<thead>
<tr>
<th>Tie Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>68 Lead</td>
</tr>
<tr>
<td>S Y R N/A</td>
</tr>
<tr>
<td>69 Guard Rail Flangeway</td>
</tr>
<tr>
<td>S Y R N/A</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>70 Guard Rail Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R N/A</td>
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</tbody>
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<table>
<thead>
<tr>
<th>71 Frog Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R N/A</td>
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</tbody>
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**Bolts**

<table>
<thead>
<tr>
<th>73 Loose</th>
</tr>
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<tbody>
<tr>
<td>0</td>
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</table>

<table>
<thead>
<tr>
<th>74 Missing</th>
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</thead>
<tbody>
<tr>
<td>0</td>
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**Rivets (Huck)**

<table>
<thead>
<tr>
<th>75 Loose</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
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<table>
<thead>
<tr>
<th>76 Missing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>77 Nuts Missing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>78 Cotter Pins Missing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>79 Washers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broken</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>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>82 Derails</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>83 Maximum difference in any 31' in Cross Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hold downDevices</td>
</tr>
<tr>
<td>S Y R N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>84 Condition of Line thru entire turnout</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R</td>
</tr>
</tbody>
</table>

**Remarks on page 3**

GM JC 11-10-2011
No New Defects NOTBA

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: 10-3-13

11-10-2011
**Mainline**

**Switch Inspection Report Semi-Annual**

<table>
<thead>
<tr>
<th>Date</th>
<th>9/30/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watchman</td>
<td>G L A Y</td>
</tr>
<tr>
<td>Location</td>
<td></td>
</tr>
<tr>
<td>2 Switch ID #</td>
<td>2150 22</td>
</tr>
<tr>
<td>Facing</td>
<td>x</td>
</tr>
<tr>
<td>Rail Points</td>
<td></td>
</tr>
<tr>
<td>4 Point to Point</td>
<td>52</td>
</tr>
<tr>
<td>5 Point Condition</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>6 Point Throw</td>
<td>4 1/2</td>
</tr>
<tr>
<td>6a Point Opening</td>
<td>N 4 3/8 R 4 3/8</td>
</tr>
<tr>
<td>7 Fit</td>
<td>Y R</td>
</tr>
<tr>
<td>8 General Condition of the Points</td>
<td>Y R</td>
</tr>
<tr>
<td>Gage</td>
<td></td>
</tr>
<tr>
<td>Heel of Switch</td>
<td>50 1/2</td>
</tr>
<tr>
<td>9 Main</td>
<td>50 1/2</td>
</tr>
<tr>
<td>10 Turnout</td>
<td>50 1/2</td>
</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>50 1/2</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>6 4/4</td>
</tr>
<tr>
<td>Turnout</td>
<td>6 4/4</td>
</tr>
<tr>
<td>13 Main</td>
<td>6 4/4</td>
</tr>
</tbody>
</table>

**Stock Rail**

| 14 Bend      | Y R    |
| 15 Condition | 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 |

**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 Y R N/A
- 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
- 32 Head Block Ties 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 Y R
- 39 Insulated Joints Y R
- 39a Regular Joints Y R
### Mainline

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

**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 |
| 61 Back To Back |
| 62 Condition |
| 63 Location of Guard Rail (Relation to Point) |

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

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

### 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 Hold Down Devices |
| 81 Spring Housing |

### Derails

| 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**

### 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: 10-3-13

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

Date 01/30/13
Watchman LAM

1 Location
2 Switch ID # 2WY 19
3 Facing X Trailing

Rail Points
4 Point to Point 52 3/4
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
N 6 4 7/32 R 4 3/32
6a Point Opening
N 4 7/32 R 4 3/32
7 Fit
Y R
8 General Condition of the Points
Y R

Gage
9 Heel of Switch
10 Main 56 3/4
10 Turnout 56 3/4
11 Gage ahead of Bend 36 7/32
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 3/4

Stock Rail
14 Bend
Y R
15 Condition
Y R

Bolts
16 Loose ϕ N/A
17 Missing o N/A

Rivets (Huck Bolts)
18 Loose ϕ 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# M7284

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 1 3/4” is Out of Service
32 Head Block Ties
Y R
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
Y R
39 Insulated Joints
Y R
39a Regular Joints
Y R
<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>
<td>50a Switch I.D. #</td>
<td>Trailing</td>
</tr>
<tr>
<td>51 Facing</td>
<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</td>
<td>S Y R</td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>56 Surface of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>58 Main Track</td>
<td>3 1/4</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>59 Turnout Track</td>
<td>2</td>
</tr>
<tr>
<td>Flangeway Depth must not be less than 1 1/2&quot; Gage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 Guard Rail Gage</td>
<td>58 Main Track</td>
<td>S 1/8</td>
</tr>
<tr>
<td>61 Back To Back</td>
<td>59 Turnout Track</td>
<td>S 2 1/4</td>
</tr>
<tr>
<td>Back to Back Gage must be less than 53 1/8&quot; Condition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62 Condition</td>
<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</td>
<td>S Y R N/A</td>
</tr>
<tr>
<td>65 Turnout Track</td>
<td>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 1/4” 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.