Switch Inspection Report Semi-Annual

Location: ANDOVER
Switch I.D. #: 22 3B
Facing: Trailing

Rail Points
4 Point to Point __51 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 3/8_ S 3/8
6a Point Opening
   N S 3/8 S 3/8
7 Fit
   S Y R
8 General Condition of the Points
   S Y R

Gage
Heel of Switch
9 Main __67 1/4___
10 Turnout __71 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 __2 3/4___
13 Main __6 3/8___

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
GMJC 11-10-2011

22 Standard Joints
   S Y R N/A
23 Switch Plates
   S Y R
24 Adjustable Brakes
   S Y R N/A
24a Non-Adjustable Brakes
   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
50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N Y R R Y R
53 Frog # 1
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 5/6 1/8
59 Turnout Track 5/6 4/8
Gage must not be less than 56” any class
Guard Rails
60 Guard Rail Gage N 4 3/4 R 4 3/4
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 52 3/4 R 52 3/4
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

Remarks on page 3

GM.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 1/4 R 1 1/4
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 O N/A
74 Missing O N/A

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

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

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

84 Condition of Line thru entire turnout
Y R
Pitted Frog PT


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: 6-30-14

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

Date 6/24/14

Watchman D. Biro
1 Location Crookwell
2 Switch I.D. # 4843B
3 Facing X Trailing

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

Gage
9 Heel of Switch
    Main 5/8
10 Turnout 5/8
11 Gage ahead of Bend 5/8
    Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
    Turnout 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 0 N/A
21a Washers 0 Broken N/A

Remarks on page 3

GM RC 11-10-2011

WO# 1503237 Page 1 of 3

Inspection Crew T. Schisler B. Panuska

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
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

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 ¼
72 Flangeway Depth 1 3/8

Flangeway Depth must not be less than 1 ½"

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 ≤ 1/2 R ≤ 5/8

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

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 1/8 R 1/8

Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates ☐ Y R N/A
71 Frog Plates ☐ Y R N/A

Bolts
73 Loose ☐ N/A
74 Missing ☐ N/A

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

Hold Down Devices
80 ☐ 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
Slight gap RH straight

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: 6-30-14

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

Date 6/26/14

Watchman BYRD

Inspection Crew

1 Location
2 Switch I.D. # 373-1
3 Facing X Trailing

Rail Points
4 Point to Point 51 3/8
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 1/2 4
6a Point Opening
N 4 3/8 4 3/16
7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
Heel of Switch
9 Main 56 1/2
10 Turnout 56 3/8
11 Gage ahead of Bend 58 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 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

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
50 Location
50a Switch I.D. #

51 Facing Trailing

52 Frog Tread N  S Y R
R  S Y R

53 Frog # 15

54/79 Point Condition
S Y R

55 Condition of Frog S Y R

56 Surface of Frog S Y R

57 Throat in Inches 2 7/8

72 Flangeway Depth 2

Flangeway Depth must not be less than 1 ½”

Gage
58 Main Track S 1/2

59 Turnout Track S 5/8

Gage must not be less than 56” any class

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

Guard Rail Gage must more than 54 3/8”

61 Back To Back N S 1/2 R S 5/8

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

62 Condition S Y R

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

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

65 Turnout Track S Y R N/A

Class 1 Gage 56” to 57 1/2”

More than 57 1/2” Out of Service

Class 3 Gage 56” to 57”

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

Remarks on page 3

GM/JC 11-10-2011
Remarks

Grove Worn in Cv Stock Rail by #3 Rod
1/8" Gap Cv Rh Pt

Shelled Cv Pt

Pitted Frog Pt + Throat

Shelled Cv Closure

Loose 20" Frog Bolt

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. Bailey  Date: 7-1-14

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

Date 4/24/14
Watchman D Bird
1 Location Cromwell
2 Switch I.D. # 484.3A
3 Facing x Trailing

Rail Points
4 Point to Point 51 1/4
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 4 1/4 4 1/4
6a Point Opening
N 5 1/4 5 1/4
7 Fit
§ Y R
8 General Condition of the Points
§ Y R

Gage
Heel of Switch
9 Main 57 5/8
10 Turnout 52 2/4
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 57 5/8
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 N/A
21 Jam Nuts Loose N/A
21a Washers Broken Missing

Remarks on page 3

WO# 1503353
Page 1 of 3

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

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
Broken Missing
37 Locks
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>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>50a Switch I.D. #</td>
<td></td>
</tr>
<tr>
<td>51 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>52 Frog Tread</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>R</td>
</tr>
<tr>
<td>53 Frog #</td>
<td>B</td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td>Y</td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>Y</td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>Y</td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>3 3/8</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>1 13/16</td>
</tr>
</tbody>
</table>

**Flangeway Depth must not be less than 1 3/4”**

**Gage**

| 58 Main Track | 5 L/2 |
| 59 Turnout Track | 5 L/4 |

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

**Guard Rails**

| 60 Guard Rail Gage | N | 5 1/8 | R | 5 7/8 |
| 61 Back To Back | N | 5 2 3/4 | R | 5 2 3/8 |

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

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

**Condition**

| 62 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 3/4”**

| 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 | Broke n | Missing | N/A |

**Hold Down Devices**

| 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
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: 7-1-14

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

Date 4/26/2016
Watchman D. BIRD
1 Location CBOM.WELL
2 Switch I.D. # 48A 1B
3 Facing Trailing

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

Gage
Heel of Switch
9 Main 5 7/8
10 Turnout 1 9/16
11 Gage ahead of Bend 5 3/8
   Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
   Turnout 56 1/8
13 Main 56 1/2

Stock Rail
14 Bend
   1 Y R
15 Condition
   1 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

GMJC 11-30-2011
50 Location
50a Switch I.D. 
51 Facing
52 Frog Tread N Y R
      R Y R
53 Frog # 10
54/79 Point Condition Y R
55 Condition of Frog Y R
56 Surface of Frog Y R

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

Gage
58 Main Track 5 1/2"
59 Turnout Track 5 1/8"
Gage must not be less than 56" any class

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

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

Class 1 Gage 56" to 57 1/2"
More than 57 1/2" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 1/4" 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 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 N/A

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

84 Condition of Line thru entire turnout Y R

Remarks on page 3
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: 7-1-14

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

Date 6/24/14

Watchman D. C. B. I. R. N.
1 Location FROM WELL
2 Switch I.D. # 484 1A
3 Facing Trailing X

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

Gage
9 Heel of Switch 52 3/8
10 Turnout 52 3/8
11 Gage ahead of Bend 31/2
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
13 Main 6 1/2

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

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

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

Remarks on page 3

GM LC 11-10-2011
### Mainline

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Location</td>
<td></td>
</tr>
<tr>
<td>50a Switch I.D. #</td>
<td></td>
</tr>
<tr>
<td>51 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>52 Frog Tread</td>
<td>N Y R R Y R</td>
</tr>
<tr>
<td>53 Frog # 1</td>
<td></td>
</tr>
<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>
<tr>
<td>57 Throat in Inches</td>
<td>3 3/8</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>1 3/4</td>
</tr>
</tbody>
</table>

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

### Gage

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>58 Main Track</td>
<td>5 3/4</td>
</tr>
<tr>
<td>59 Turnout Track</td>
<td>5 3/4</td>
</tr>
</tbody>
</table>

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

### Guard Rails

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 Guard Rail Gage</td>
<td>N 4 3/8 R 5 2 3/8</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>61 Back To Back</td>
<td>N 5 2 3/8 R 5 2 3/8</td>
</tr>
</tbody>
</table>

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

### Turnout Ties

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>66 Condition</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>67 Rail Movement</td>
<td>Y R N/A</td>
</tr>
</tbody>
</table>

### Tie Plates

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>68 Lead</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>69 Guard Rail Flangeway</td>
<td>Y R N/A 1 1/4 R 1 1/4</td>
</tr>
</tbody>
</table>

**Guard Rail Flangeway must be 1 1/4"**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>70 Guard Rail Plates</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>71 Frog Plates</td>
<td>Y R N/A</td>
</tr>
</tbody>
</table>

### Bolts

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

### Rivets (Huck)

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

### Guard Rail Clamps

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

### Guard Rail Clamps

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

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

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

### Class 3 Gage 56" to 57"

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

### Remarks on page 3

GMJC 11-10-2011
BENT #4 Rod

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: 7-1-14

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

Date 6/21/14

Watchman D. Bird

1 Location Crookwell
2 Switch I.D. # 498-1
3 Facing X Trailing

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

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

GM IC 11-10-2011

Inspection Crew T. Schisler B. Panuska

WO# 150 3305 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
35 Switch Targets/Lamps
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
50 Location __________________________
50a Switch L.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 1/2
72 Flangeway Depth _____________ 1 1/4
Flangeway Depth must not be less than 1 1/4"

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

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

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: 7-1-14

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

Date: 1/20/11
Watchman: D. Bird
1 Location: Cromwell
2 Switch I.D. #: 488-3
3 Facing: Trailing X

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 3/4 4 1/8
6a Point Opening N 4 3/4 4 1/8
7 Fit S Y R
8 General Condition of the Points S Y R

Gaging
Heel of Switch
9 Main: 56 5/8
10 Turnout: 57
11 Gaging 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: 6 7/8

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

GMJC 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location __________________________
50a Switch L.D. # _____________________
51 Facing _____________________________
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 __________
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 5/8 R 5 4 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 3/8 R 52 3/8
Back to Back Gage must be less than 53 1/8"

62 Condition
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

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  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  o  Broken  o  Missing  o  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
o  Difference  

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

Reviewed by: [Signature]  Date: 7-1-14
Mainline Switch Inspection Report Semi-Annual WO# 1512046 Page 1 of 3

Date 6/26/14 Inspection Crew I. Schisler B. Panuska

Watchman D. Bird
1 Location Cromwell
2 Switch L.D. # 480
3 Facing X Trailing

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

Gage
9 Heel of Switch
   Main S1/2
10 Turnout S1/2
11 Gage ahead of Bend S4 3/4
   Must not be less than 46 inches or more than 57 inches for “S”
12 Heel Spread in Inches
   Turnout 6 3/8
   Main 6 3/4

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

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

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

Remarks on page 3

GMJC 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

50 Location

50a Switch I.D. #

51 Facing Trailing

52 Frog Tread N 5 Y R

R 5 Y R

53 Frog # 8

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 1/4

72 Flangeway Depth 1 1/4

Flangeway Depth must not be less than 1 1/4

Gage

58 Main Track 5 6 3/4

59 Turnout Track 5 8 3/4

Gage must not be less than 56” any class

Guard Rails

60 Guard Rail Gage N 5 5 1/8 R 5 4 3/4

Guard Rail Gage must more than 54 3/8

61 Back To Back N 5 2 7/8 R 5 7 1/4

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

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 2

Guard Rail Flangeway can not be less 1 1/4

70 Guard Rail Plates 5 Y R N/A

71 Frog Plates 5 Y R N/A

Rivets (Huck)

72 Loose 0 N/A

73 Missing 0 N/A

74 Missing 0 N/A

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 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

GMJC 11-10-2011
DEPART MISSING Yellow/Purple FLAG ON STANA

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: 7-1-14

11-10-2011
Mainline  Switch Inspection Report Semi-Annual  WO# 1505643  Page 1 of 3

Date 1/27/14  Inspection Crew T. Schrieser  M. Alchin

Watchman S. Seul
1 Location CMBW 10 22
2 Switch I.D. # 22 LA
3 Facing Trailing X

Rail Points
4 Point to Point 51 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 4 1/2
6a Point Opening N S S
7 Fit S Y R
8 General Condition of the Points S Y R

Gage
9 Heel of Switch 9 Main 56 1/2
10 Turnout 50 1/2
11 Gage ahead of Bend 54 1/2 Must not be less than 36 inches or more than 57 inches for “S”
12 Heel Spread in Inches Turnout 6 1/4
13 Main 6 1/2

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

Bolts
16 Loose 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

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
39a Insulated Joints S Y R
39a Regular Joints S Y R
Mainline

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

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

Guard Rails
60 Guard Rail Gage N 5 3/8 R 5 1/2
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 1/4 R 5 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 1/2"
More than 57 1/2" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 1/2" downgrade to
Class 2 and gets a Y

Remarks on page 3

GMJC 11-10-2011

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 1/2
Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates Y R N/A
71 Frog Plates Y R N/A

Bolts
73 Loose N/A
74 Missing N/A

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

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

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

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: 7-1-14

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

Date: 4-27-14
Watchman: Schiller
Location: 5m Br. 1022
Switch I.D.: 72-18
Facing: Trailing

Rail Points
4 Point to Point: S1
5 Point Condition: S Y R
6 Point Throw: Min 3 1/2 inches on house top point protected
N 4 3/4
6a Point Opening: N 5 1/4

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

Gage
9 Heel of Switch: S 1/2
10 Turnout: S 1/4
11 Gage ahead of Bend: S C 1/2
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches: 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: Broken N/A

Remarks on page 3

GM IC 11-30-11
50 Location
50a Switch I.D. #
51 Facing            Trailing
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 3/8
72 Flangeway Depth   2
Flangeway Depth must not be less than 1 3/4"

Gage
58 Main Track  S  Y  R  3/4"e
59 Turnout Track S  Y  R  3/4"e
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage  N  S  4 3/8  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

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  1/4" R  1/4"
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  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

Remarks on page 3
GM:JC 11-10-2011
No New Agents 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: 7-1-14

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

Date 6/27/14
Watchman S Jell
1 Location C M Bw I 115
2 Switch I.D. # 115
3 Facing X Trailing

Rail Points
4 Point to Point 56 3/4
5 Point Condition $ Y R
6 Point Throw Min 3 1/2 inches on house top point protected
7 $ Y R
6a Point Opening N 5 3/8
8 General Condition of the Points $ Y R

Gage
9 Heel of Switch $ 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
13 $ Y R

Stock Rail
14 Bend $ Y R
15 Condition $ 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 $ Broken Magnetic

Remarks on page 3

GMJC 11-10-2011
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
58 Main Track
59 Turnout Track
57/8" 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 1/8" R 4 7/16"
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 2 7/8" R 52 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

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 (1/2" R 1 1/2"
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
74 Missing

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

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

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

84 Condition of Line thru entire turnout
          Y  R

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

Remarks on page 3

GMJC 11-10-2011
Pitted Frog PT
Selling on Frog PT

Numerous Loose Screw Spikes HERE to PTS - (23)

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: 7-1-14

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

<table>
<thead>
<tr>
<th>Date</th>
<th>6/27/14</th>
<th>Inspection Crew</th>
<th>1505649</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watchman</td>
<td>S SELL</td>
<td>L. SCHISLER</td>
<td>M. ALCHN</td>
</tr>
<tr>
<td>Location</td>
<td>CM Bvl 022</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Switch ID#</td>
<td>22 38</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facing</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Rail Points

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

#### Gage

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

#### Stock Rail

| Bend | SYR |
| 15 Condition | SYR |

#### Bolts

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

#### Rivets (Huck Bolts)

| Loose | N.A |
| Missing | N.A |
| Cotter Pins Missing | N.A |
| Jam Nuts Loose | N/A |
| Washer | OK Broken Missing |

#### Remarks on page 3

GMJC 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

50 Location
50a Switch I.D. #

51 Facing
52 Frog Tread
53 Frog # 10
54/79 Point Condition

55 Condition of Frog
56 Surface of Frog

57 Throat in Inches 3 3/8

72 Flangeway Depth 2

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

Gage
58 Main Track 5L 3/8
59 Turnout Track 5L 7/16

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 5/4 3/8 R 5/4 7/16

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

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 1/2"

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
67 Rail Movement

Tie Plates
68 Lead
69 Guard Rail Flangeway
70 Guard Rail Plates
71 Frog Plates

Bolts
72 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

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: 7-1-14

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

Date 6/27/14
Watchman S Seu
1 Location C.M.B.W.I.104
2 Switch I.D. # 1048 SW
3 Facing X Trailing

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

Gage
Heel of Switch
9 Main S3 3/8
10 Turnout S6 1/2
11 Gage ahead of Bend S6 1/2
   Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
   Turnout 6 3/8
13 Main 6 3/8

Stock Rail
14 Bend SYR
15 Condition SYR

Bolts
16 Loose 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
GMJC 11-10-11
50 Location  
50a Switch I.D. #  
51 Facing  
52 Frog Tread  
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 1/2"  
Gage  
58 Main Track  
59 Turnout Track  
Gage must not be less than 56" any class  
Guard Rails  
60 Guard Rail Gage  
Guard Rail Gage must more than 54 3/8"  
61 Back To Back  
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 1/2"
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  

Turnout Ties  
66 Condition  
67 Rail Movement  
Tie Plates  
68 Lead  
69 Guard Rail Flangeway  
Guard Rail Flangeway can not be less 1 1/2"  
70 Guard Rail Plates  
71 Frog Plates  
Bolts  
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  
Difference  
84 Condition of Line thru entire turnout  

SYR
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: 7-1-14

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

Date: 6/27/14
Location: CM & W 1, 024
Switch I.D. #: 024B SW

Facing: X Trailing

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

Gage
Heel of Switch
9 Main 56 3/8
10 Turnout 56 3/8
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 6 1/4
13 Main 5 3/8

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

GMJC 11-10-2011
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 _______ $ Y R
72 Flangeway Depth _______ $ Y R
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track $ Y R
59 Turnout Track $ Y R
Gage must not be less than 36" any class

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

Remarks on page 3
GM 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/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 $ Y R N/A
74 Missing $ Y R N/A

Rivets (Huck)
75 Loose $ Y R N/A
76 Missing $ Y R N/A
77 Nuts Missing $ Y R N/A
78 Cotter Pins Missing $ Y R N/A
79 Washers $ Y R N/A
Broken $ Y R 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 $ Y R
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
No New Defects Notes

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: 7-1-14

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

Date: 6/27/14

Watchman: __________

1 Location: CROMWELL
2 Switch I.D. #: 1W4, 1W3
3 Facing: X, Trailing

Rail Points
4 Point to Point: 51 1/2"

5 Point Condition:
S Y R Nothing less than 4 inches or greater than 5 inches.

6 Point Throw: Min 3 1/2 inches on house top point protected

N A 4 1/2   4 3/4

6a Point Opening
N A 4 3/4   4 3/4

7 Fit
S Y R

8 General Condition of the Points
S Y R

Gage
9 Heel of Switch
Main 56 3/8"

10 Turnout 56 3/8"

11 Gage ahead of Bend 56 3/8"
Must not be less than 56 inches or more than 57 inches for “S”

12 Heel Spread in Inches
Main 6 1/4   Turnout 6 1/4

13 Main 6 1/4   Turnout 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 Missing

Remarks on page 3

GM LC 11-10-2011

22 Standard Joints

23 Switch Plates

24 Adjustable Braces

24a Non-Adjustable Braces

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 Ties

33 Switch Adjustments

34 Lubrication

35 Switch Targets/Lamps

36 Latches

37 Locks

38 General Condition

39 Insulated Joints

39a Regular Joints
50 Location
50a Switch I.D. #
51 Facing   Trailing
52 Frog Tread  N  S Y R  R  S Y R
53 Frog #  8
54/79 Point Condition  S Y R
55 Condition of Frog  S Y R
56 Surface of Frog  S Y R

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

Gages
58 Main Track  5/32
59 Turnout Track  5/32
Gage must not be less than 5/6" any class

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

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

Class 1 Gage 56" to 57 1/4"
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  S Y R N/A
67 Rail Movement  S Y R N/A

Tie Plates
68 Lead  S Y R N/A
69 Guard Rail Flangeway  S Y R N/A
   69 Guard Rail Flangeway can not be less 1 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  Broken  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
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: 7-44

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

Date: 6/27/14

Inspection Crew: T. SCHISLER, M. PORTLED, W. BRYANT

- 22 Standard Joints
- 23 Switch Platos
- 24 Adjustable Braces
- 24a Non-Adjustable Braces

Switch Rods
- 25 Front Rod
- 26 #1 Rod (Basket Rod)
- 27 #2 Rod
- 28 #3 Rod
- 29 #4 Rod

- 30 Closure Rail

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

- 32 Head Block Ties
- 33 Switch Adjustments
  Yes
- 34 Lubrication
  Ok

- 35 Switch Targets/Lamps
  Ok

- 36 Latches
  Ok
- 37 Locks
  Ok

- 38 General Condition
  Y R

- 39 Insulated Joints
  Y R

- 39a Regular Joints
  Y R

Rail Points
- 4 Point to Point
- 5 Point Condition
  Y R

6 Point Throw, Min 3 1/2 inches on house top point protected

N 4 3/8 4 3/8

6a Point Opening
  N S S

7 Fit
  Y R

8 General Condition of the Points
  Y R

Gage

- 9 Main
- 10 Turnout
- 11 Gage ahead of Bend
  Must not be less than 36 inches or more than 57 inches for "S"

12 Heel Spread in Inches

- 13 Main

Stock Rail
- 14 Bend
- 15 Condition

Bolts
- 16 Loose
- 17 Missing

Rivets (Huck Bolts)
- 18 Loose
- 19 Missing
- 20 Cotter Pins Missing
- 21 Jam Nuts Loose
- 21a Washers Loose

Remarks on page 3

GMJC 11-10-2011
<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>
<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</td>
<td>N 🍀 Y R</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R 🍀 Y R</td>
<td></td>
</tr>
<tr>
<td>53 Frog #</td>
<td>🍀 34/79</td>
<td></td>
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<tr>
<td>54 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 3/8</td>
<td></td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>🍀 2</td>
<td></td>
</tr>
<tr>
<td>Flangeway Depth must not be less than 1 1/8”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gage</td>
<td>🍀 56 1/2</td>
<td></td>
</tr>
<tr>
<td>58 Main Track</td>
<td>🍀 56 1/2</td>
<td></td>
</tr>
<tr>
<td>59 Turnout Track</td>
<td>🍀 56 1/2</td>
<td></td>
</tr>
<tr>
<td>Gage must not be less than 56” any class</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guard Rails</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 Guard Rail Gage</td>
<td>🍀 54 3/8 R 54 3/8 R 54 3/8 R</td>
<td></td>
</tr>
<tr>
<td>Guard Rail Gage must more than 54 3/8”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>61 Back To Back</td>
<td>🍀 54 3/8 R 54 3/8 R</td>
<td></td>
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<tr>
<td>Back to Back Gage must be less than 53 1/8”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62 Condition</td>
<td>🍀 Y R</td>
<td></td>
</tr>
<tr>
<td>63 Location of Guard Rail (Relation to Point)</td>
<td>🍀 Y R</td>
<td></td>
</tr>
<tr>
<td>Guard Rail Clamps</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64 Main Track</td>
<td>🍀 Y R N/A</td>
<td></td>
</tr>
<tr>
<td>65 Turnout Track</td>
<td>🍀 Y R N/A</td>
<td></td>
</tr>
<tr>
<td>Class 1 Gage 56” to 57 1/2”</td>
<td></td>
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</tr>
<tr>
<td>More than 57 1/2” Out of Service</td>
<td></td>
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<tr>
<td>Class 3 Gage 56” to 57”</td>
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<tr>
<td>More than 57” to 57 1/4” downgrade to Class 2 and gets a Y</td>
<td></td>
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<tr>
<td>Remarks on page 3</td>
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<tr>
<td>GM: JC 11-10-2011</td>
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</tbody>
</table>

| 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 cannot be less 1 1/8” |             |             |
| 70 Guard Rail Plates | 🍀 Y R N/A |             |
| 71 Frog Plates | 🍀 Y R N/A |             |
| Bolt |                                    |             |
| 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 |             |
| Hold Down Devices |                                    |             |
| 80 Hold Down Devices | 🍀 Y R N/A |             |
| 81 Spring Housing | 🍀 Y R N/A |             |
| 82 Derails | 🍀 Y R N/A |             |
| 83 Maximum difference in any 31” in Cross |             |             |
| Level on the siding from the Frog Point to 50’ beyond the last long tie |             |             |
| Ok Difference |             |             |
| 84 Condition of Line thru entire turnout | 🍀 Y R |             |
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]
Date: 11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 0/27/14

Watchman

1 Location OROGO WELL
2 Switch I.D. # CW4 YWS
3 Facing X Trailing

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

Gage
Heel of Switch
9 Main 56 1/4
10 Turnout 56 1/2
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 0 1/2
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

GMJC 11-10-2011
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
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/8"

Gage
58 Main Track L Y R
59 Turnout Track 4 1/4 L
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 4 1/2 R 54 1/2
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 1/2 R 52 1/2
Back to Back Gage must be less than 53 1/8"
62 Condition 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 1/2 L
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
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 Broken N/A

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

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

84 Condition of Line thru entire turnout Y R

Remarks on page 3
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: 7-1-14

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

Date 01/27/14

Inspection Crew: T. Schisler, M. Powell, W. Bryant

Watchman

1 Location: CROHULL
2 Switch: 1 D. # CRY 4W 7
3 Facing: X Trailing

Rail Points
4 Point to Point: 51 1/2
5 Point Condition:
S Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw, Min 3 1/2 inches on house top point protected
N 4.5 4.5
6a Point Opening
N S S
7 Fit:
S Y R
8 General Condition of the Points:
S Y R

Gage
Heel of Switch
9 Main: 56 1/2
10 Turnout: 56 3/8
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: 6 7/8
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

Remarks on page 3

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
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 Dr
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

CALC 11-30-2011
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
   S Y R

56 Surface of Frog
   S Y R

57 Throat in Inches 3\(\frac{1}{2}\)
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track 5\(\frac{3}{4}\)
59 Turnout Track 5\(\frac{1}{2}\)
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 5\(\frac{1}{2}\) R 5\(\frac{3}{8}\)
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5\(\frac{9}{16}\) R 5\(\frac{1}{16}\)
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 1/2" downgrade to
Class 2 and gets a Y

Frog Inspection Report Semi-Annual

Turnout Ties
66 Condition
   S Y R N/A

67 Rail Movement
   S Y R N/A

Tie Plates
68 Lead
   S Y R N/A

69 Guard Rail Flangeway
   S Y R N/A

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

71 Frog Plates
   S Y R N/A

Bolts
73 Loose
   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

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: 7-1-14

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

Date 6/27/14
Watchman
1 Location Croswell
2 Switch I.D. # 044Y 4W9
3 Facing X Trailing

Rail Points
4 Point to Point 51 3/4
5 Point Condition
\(\text{S Y R} \) Nothing less than 4 inches or greater than 5 inches.
6 Point Throw, Min 3 1/2 inches on house top point protected
\(\text{N A 1/4} \ 4\frac{1}{4}\)

6a Point Opening
\(\text{N A 6/8} \ 4\frac{3}{8}\)

7 Fit
\(\text{S Y R} \)

8 General Condition of the Points
\(\text{S Y R} \)

Gage
Heel of Switch
9 Main \(52 \frac{3}{4}\)
10 Turnout \(51 \frac{3}{4}\)
11 Gage ahead of Bend \(52 \frac{3}{4}\)
Must not be less than 56 inches or more than 57 inches for “S”

12 Heel Spread in Inches

13 Main \(62 \frac{3}{4}\)

Stock Rail
14 Bend
\(\text{S Y R} \)
15 Condition
\(\text{S Y R} \)

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

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

Remarks on page 3

22 Standard Joints
\(\text{S Y R} \ N/A \)
23 Switch Plates
\(\text{S Y R} \)
24 Adjustable Braces
\(\text{S Y R} \ N/A \)
24a Non-Adjustable Braces
\(\text{S Y R} \ N/A \)

Switch Rods
25 Front Rod
\(\text{S Y R} \ N/A \)
26 Front Rod (Basket Rod)
\(\text{S Y R} \)
27 #2 Rod
\(\text{S Y R} \)
28 #3 Rod
\(\text{S Y R} \ N/A \)
29 #4 Rod
\(\text{S Y R} \ N/A \)
30 Closure Rod
\(\text{S Y R} \)
31 Surface of Switch
\(\text{S Y R} \)
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
\(\text{S Y R} \)
33 Switch Adjustments
Yes
34 Lubrication
\(\text{Ok} \) Dry
35 Switch Targets/Lamps
\(\text{Ok} \) Missing \(\text{N/A} \)
36 Latches
\(\text{Ok} \) Broken Missing
37 Locks
\(\text{Ok} \) Broken Missing
38 General Condition
\(\text{S Y R} \)
39 Insulated Joints
\(\text{S Y R} \)
39a Regular Joints
\(\text{S Y R} \)

GMJC 11-10-2011
Mainline

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

57 Throat in Inches 3 ½
72 Flangeway Depth 2

Flangeway Depth must not be less than 1 ½

Gage
58 Main Track $ 6 ½
59 Turnout Track $ 6 13/16

Gage must not be less than 36” any class

Guard Rails
60 Guard Rail Gage N $ 4 $ 6 R $ 4 15/8

Guard Rail Gage must more than 54 3/8”
61 Back To Back N $ 2 3/4 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

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

Frog Inspection Report Semi-Annual

Page 2 of 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 2 R 1 ½

Guard Rail Flangeway can not be less 1 ½”
70 Guard Rail Plates
  $ Y R N/A
71 Frog Plates
  $ Y R N/A

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

Rivets (Huck)
75 Loose o N/A
76 Missing o N/A
77 Nuts Missing o N/A
78 Cotter Pins Missing o N/A
79 Washers (O) Broken (O) 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
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: 7-1-14

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

Date __02/27/14__

Watchman

1 Location __GLOWELL__
2 Switch I.D. # __C04Y Y0WZ__
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 1/4 4 1/4__
6a Point Opening
 __NS__
7 Fit
 __SYR__
8 General Condition of the Points
 __SYR__

**Gage**

Heel of Switch
9 Main __5 1/4__
10 Turnout __5 1/2__
11 Gage ahead of Bend __5 9/16__
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout __6 1/8__
13 Main __6 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

**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 __O__
35 Switch Targets/Lamps
Ok __O__ Missing __N/A__
36 Latches
Ok __O__ Broken Missing
37 Locks
Ok __O__ Broken Missing
38 General Condition
 __SYR__
39 Insulated Joints
 __SYR__
39a Regular Joints
 __SYR__

**Remarks on page 3**

GMJC 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 # 6
54/79 Point Condition
S Y R

55 Condition of Frog
S Y R

56 Surface of Frog
S Y R

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

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

Guard Rails
60 Guard Rail Gage N S L 1 1/6 L R S L 1 1/6
Guard Rail Gage must more than 54 3/8"
61 Back To Back N S L 1 1/6 L R S L 3/6
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

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 S L 1 1/2 L R S
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
74 Missing

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

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

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

84 Condition of Line thru entire turnout
S Y R

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: 6-30-14

11-10-2011
Date: 9/27/14

Watchman: CHROMWELL
1 Switch: L.D. # CWY YW
3 Facing: x Trailing

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

Gage
9 Heel of Switch: 6 1/2
10 Turnout: 6 1/2
11 Gage ahead of Bend: 6 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: Q N/A
17 Missing: Q N/A

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

Remarks on page 3

GMJC 11-10-2011
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 # S

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 S

59 Turnout Track
S 1/4

Gage must not be less than 56" any class

Guard Rail
60 Guard Rail Gage N S R S 3/8

Guard Rail Gage must more than 54 3/8"

61 Back To Back N S 2 1/4 R S 2 9/16

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

Turnout Ties
66 Condition
S Y R N/A

67 Rail Movement
S Y R N/A

68 Lead
S Y R N/A

69 Guard Rail Flangeway
S Y R N 1 5/8 R 2

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
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 Ok

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
S Ok

84 Condition of Line thru entire turnout
S Y R

Class 1 Gage 56” to 57 1/2”

More than 57 1/2” Out of Service

Class 3 Gage 56” to 57”

More than 57” to 57 1/2” downgrade to

Class 2 and gets a Y

Remarks on page 3

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: 7-6-14

11-10-2011