Mainline Switch Inspection Report Semi-Annual

Date 10-11-2016
Watchman
1 Location CMNO16
2 Switch I.D. # 016NMO1WSW 1-B
3 Facing Trailing

Rail Points
4 Point to Point SYR
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
5a Point Opening N Y

7 Fit SYR
8 General Condition of the Points SYR

Gage
9 Heel of Switch E6
10 Main E5
11 Turnout 6626
11 Gage ahead of Bend Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches Turnout 6

Stock Rail
13 Main

Bolts
14 Bend SYR
15 Condition SYR

Rivets (Huck Bolts)
16 Loose N/A
17 Missing N/A

Remarks on page 3

GMDC 11-10-2011
Mainline

50 Location
50a Switch I.D. # 16-1X
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog #
54/79 Point Condition S Y R
55 Condition of Frog S Y R
56 Surface of Frog S Y R

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

58 Main Track 56 1/2
59 Turnout Track 56 5/8

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 5/8 54 1/16
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 3/8 52 3/16
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 1/4"
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

Frog Inspection Report Semi-Annual

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

Tie Plates
68 Lead S Y R N/A
69 Guard Rail Flangeway S Y R N/A

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

Bolts
73 Loose N/A
74 Missing N/A

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

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

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

84 Condition of Line thru entire turnout S Y R

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: ________________________ Date: ________________________

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

<table>
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<th>Date</th>
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<th>Inspection Crew</th>
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1 Location: CMS042  
2 Switch I.D. #: 0425 SW3A  
3 Facing: Trailing

### Rail Points

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<th>4 Point to Point</th>
<th>51/2</th>
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<tr>
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<td>SYR</td>
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Nothing less than 4 inches or greater than 5 inches.

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<th>6 Point Throw</th>
<th>Min 1 1/2 inches on house top point protected</th>
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<tr>
<td>N</td>
<td>4 1/2 R</td>
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6a Point Opening  
N 4 1/2 R

7 Fit  
SYR

8 General Condition of the Points  
SYR

### Gage

Heel of Switch  
9 Main

10 Turnout  
11 Gage ahead of Bend 56 5P

Must not be less than 56 inches or more than 57 inches for "3"  
12 Heel Spread in Inches  
13 Main

### Stock Rail

<table>
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<tr>
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<th>SYR</th>
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</thead>
<tbody>
<tr>
<td>15 Condition</td>
<td>SYR</td>
</tr>
</tbody>
</table>

### 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

WO# 1470980
50 Location
50a Switch I.D. # 42-314
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog # 54/79
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
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track 56 9/16
59 Turnout Track 56 1/2
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 1/2 R 54 5/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 1/2 R
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/A
Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates S Y R N/A
71 Frog Plates S Y R N/A

Bolts
73 Loose N/A
74 Missing N/A

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

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

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

84 Condition of Line thru entire turnout S Y R

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

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

Date 6-11-2014  Inspection Crew

Watchman
1 Location CMS 942
2 Switch I.D. # 0425 SW-1-B
3 Facing Trailing

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

Gage
9 Heel of Switch 5 1/2
10 Turnout 9 1/2
11 Gage ahead of Bend 56 7/8
   Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches Turnout 6 5/16

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

Bolts
16 Loose N/A
17 Missing N/A

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

Remarks on page 3

CMJC 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

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

Tie Plates
68 Lead
SYR N/A
69 Guard Rail Flangeway
SYR
Guard Rail Flangeway can not be less than 1 ¼”
70 Guard Rail Plates
SYR N/A
71 Frog Plates
SYR N/A

Bolts
73 Loose _0__ N/A
74 Missing _0__ N/A

Rivets (Huck)
75 Loose _0__ N/A
76 Missing _0__ N/A
77 Nuts Missing _0__ N/A
78 Cotter Pins Missing _0__ N/A
79 Washers Ok Broken Missing N/A

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

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

84 Condition of Line thru entire turnout
SYR

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

Remarks on page 3

GMJC 11-10-2011
Switch inspection complete

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

Reviewed by: [Signature]
Date: 6-12-14

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

Date: 6-11-2014  Inspection Crew: Sell

Watchman:

1 Location: CMN 016
2 Switch L.D. #: 016 NMOW - I-A
3 Facing: Trailing

Rail Points
4 Point to Point: 5 1/2
5 Point Condition: S Y R
6 Point Throw: Min 3 1/2 inches on house top point protected N 4
6a Point Opening: N 4 28 R

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

Gage
9 Main: 56 3/8
10 Turnout: 56 3/8
11 Gage ahead of Bend: 56 7/8
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: S Y R
15 Condition: S Y R

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

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

Remarks on page 3

GMJC 11-10-2011

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

Switch Rods
25 Front Rod: S Y R N/A
26 #1 Rod (Basket Rod): S Y R
27 #2 Rod: S Y R
28 #3 Rod: S Y R N/A
29 #4 Rod: S Y R N/A
30 Closure Rail: S Y R
31 Surface of Switch: S Y R
Using a 63' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"
For a R, Greater than 13/4" is Out of Service
32 Head Block Ties: S Y R
33 Switch Adjustments: Yes No
34 Lubrication: Ok Dry
35 Switch Targets/Lamps: Ok Missing N/A
36 Latches: Ok Broken Missing
37 Locks: Ok Broken Missing
38 General Condition: S Y R
39 Insulated Joints: S Y R
39a Regular Joints: S Y R
Mainline

50 Location
50a Switch I.D. # 16 1A
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog #
54/79 Point Condition S Y R
55 Condition of Frog S Y R
56 Surface of Frog S Y R
57 Throat in Inches 2 1/4
72 Flangebay Depth 1 1/4
Flangebay Depth must not be less than 1 1/4"

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 54 3/8
61 Back To Back N 54 3/8
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 I Gage 56" to 57 1/2”
More than 57 1/2” Out of Service
Class 3 Gage 56" to 57”
More than 57” to 57 1/4” downgrade to
Class 2 and gets a Y

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

Frog Inspection Report Semi-Annual

Page 2 of 3

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

Tie Plates
68 Lead S Y R N/A
69 Guard Rail Flangebay S Y R N/A
Guard Rail Flangebay 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 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
Switch inspection complete

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

Reviewed by: [Signature]  Date: 6-12-14

11-10-2014
Mainline Switch Inspection Report Semi-Annual WO# 1503223 Page 1 of 3

Date: 6-17-2014 Inspection Crew: [Signature]

Watchman: [Signature]

1 Location: CMN016
2 Switch I.D. #: 016N MOY SW-3
3 Facing: Trailing

Rail Points
4 Point to Point: 51 3/8
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
7a Point Opening: N

7 Fit: SYR
8 General Condition of the Points: SYR

Gage
9 Heel of Switch: 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 Turnout: [Data]
13 Main: [Data]

Stock Rail
14 Bend: SYR
15 Condition: SYR

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

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

Remarks on page 3

GMJC 11-10-2011

22 Standard Joints SYR N/A
23 Switch Plates SYR
24 Adjustable Brace SYR N/A
24a Non-Adjustable Brace 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 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. # Trailing
51 Facing
52 Frog Tread N S Y R
R S Y R

53 Frog # 0
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 36 3/16
59 Turnout Track 56 3/16
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 54 1/2 R S Y 26
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 52 1/2 57 58
Back to Back Gage must be less than 53 1/8”
62 Condition
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/A
Guard Rail Flangeway can not be less 1 1/2”
70 Guard Rail Plates
S Y R N/A
71 Frog Plates
S Y R N/A

Bolts
73 Loose
74 Missing

Rivets (Huck)
75 Loose
76 Missing
77 Nuts Missing
78 Cotter Pins Missing
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
Ok Difference

84 Condition of Line thru entire turnout
S Y R

Remarks on page 3

GMJC 11-10-2011
Switch inspection complete

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

Reviewed by: [Signature]      Date: 6-12-14

11-10-2011
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**Rail Points**

4. Point to Point 5 1/16
5. Point Condition 5 Y R (Nothing less than 4 inches or greater than 5 inches)
6. Point Throw Min 3 1/2 inches on house top point protected

6a. Point Opening
N
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 3/8
   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 S Y R
15. Condition S Y R

**Bolts**

16. Loose 6 N/A
17. Missing 6 N/A

**Rivets (Huck Bolts)**

18. Loose N A
19. Missing N A
20. Cotter Pins Missing N A
21. Jam Nuts Loose N A
21a. Washers OK Broken Missing

**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 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

**Remarks on page 3**

GMJC 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

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

57 Throat in Inches 3 ½
72 Flangeway Depth ________________

Flangeway Depth must not be less than 1 ½"

Gage
58 Main Track 54 ½
59 Turnout Track 56 ½

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 5/8 R 54 3/8

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

Back to Back Gage must be less than 53 1/8"
62 Condition
   S Y R
63 Location of Guard Rail (Relation to Point)
   S Y R

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

Class 1 Gage 56" to 57 ½"

More than 57 ½" Out of Service
Class 3 Gage 56" to 57"

More than 57" to 57 ¼" downgrade to Class 2 and gets a Y

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 ½"
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 1/8

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: 6-23-14

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

Date 6-28-2014  Inspection Crew
Watchman Byrd
Location Cm3 208
1 Switch I.D. # 208 Mow Sw 3A
3 Facing Trailing

Rail Points
4 Point to Point [50] [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 4-1/4
6a Point Opening
N 5 3/16
7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
9 Heel of Switch
56 1/2
10 Turnout 56 3/16
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 3/8
13 Main 6 1/2

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

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

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

Remarks on page 3
GM/CR 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N 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 5/16
58 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2”

Gage
58 Main Track 5 6 1/2
59 Turnout Track 5 6 3/4
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 54 1/4 R 54 7/4
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 52 7/8 R 52 1/8
Back to Back Gage must be less than 53 1/8”
62 Condition 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/A
Guard Rail Flangeway can not be less 1 1/2”
70 Guard Rail Plates S Y R N/A
71 Frog Plates S Y R N/A

Bolts
72 Loose N/A
74 Missing N/A

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

Hold Down Devices
S Y R N/A

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

83 Maximum difference in any 31’ in Cross
Level on the siding from the Frog Point to
50’ beyond the last long tie
Ok Difference 1/32

84 Condition of Line thru entire turnout S Y R

Remarks on page 3

GM JC 11-10-2011
Switch inspection complete

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

Reviewed by: [Signature]  Date: 6-23-14

11-10-2011
### Work Order Tracking (Tr)

#### Work Order Details
- **Work Order ID:** 1488131
- **Asset:** 1283342
- **Description:** Semi Annual Switch Inspection
- **Site:** LTRAIL
- **Alias:** 208SMOWSW
- **Status:** COMP

#### Children of Work Order 1488131

<table>
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<tr>
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<th>Task</th>
<th>Summary</th>
<th>Component</th>
<th>Reason for Repair</th>
<th>Warranty?</th>
<th>Qualifications</th>
<th>Status</th>
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<td>N</td>
<td>NONE</td>
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<th>Start Time</th>
<th>End Time</th>
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**Mainline**  
**Switch Inspection Report Semi-Annual**  
**WO# 1478463**  
**Page 1 of 3**  

<table>
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<td>1775 mowsw - A</td>
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<tr>
<td>Facing</td>
<td>Trailing</td>
<td></td>
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**Rail Points**

<table>
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<tr>
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<th>51 3/8</th>
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<tr>
<td>Point Condition</td>
<td>SYR</td>
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<tr>
<td>Nothing less than 4 inches or greater than 5 inches.</td>
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<tr>
<td>Point Throw</td>
<td>Min 3 1/2 inches on house top point protected</td>
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<tr>
<td>Point Opening</td>
<td>N 9 7/8</td>
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</table>

<table>
<thead>
<tr>
<th>Fit</th>
<th>SYR</th>
</tr>
</thead>
</table>

**General Condition of the Points**

| SYR |

**Gage**

| Heel of Switch | 5 6 3/4 |
| Turnout        | 5 6 5/8 |
| Gage ahead of Bend | Must not be less than 56 inches or more than 57 inches for "S" |
| Heel Spread in Inches | Turnout |

| Main | 10 7/8 |

**Stock Rail**

<table>
<thead>
<tr>
<th>Bend</th>
<th>SYR</th>
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</thead>
</table>

| Condition | SYR |

**Bolts**

<table>
<thead>
<tr>
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<th>N/A</th>
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<tr>
<td>Missing</td>
<td>N/A</td>
</tr>
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**Rivets (Huck Bolts)**

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

| Cotter Pins Missing | N/A |
| Jam Nuts Loose | N/A |

| Washers | Ok | Broken 2 | Missing |

**Remarks on page 3**

GM/CC 11-10-2011
Mainline Frog Inspection Report Semi-Annual Page 2 of 3

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

57 Throat in Inches  3½
58 Flangeway Depth 2½
**Flangeway Depth must not be less than 1½”**

**Gage**
58 Main Track 56 3/8
59 Turnout Track 56 2/8
Gage must not be less than 56” any class

**Guard Rails**
60 Guard Rail Gage N 54 7/16  R 54 3/4
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 52 9/16  R 52 7/8
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 ½”
More than 57 ¼” Out of Service
Class 3 Gage 56” to 57”
More than 57” to 57 ¼” downgrade to
Class 2 and gets a Y

**Turnout Ties**
66 Condition
  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 ½”
70 Guard Rail Plates
  S Y R N/A
71 Frog Plates
  S Y R N/A

**Bolts**
73 Loose  6  N/A
74 Missing  1  N/A

**Rivets (Huck)**
75 Loose  6  N/A
76 Missing  6  N/A
77 Nuts Missing  6  N/A
78 Cotter Pins Missing  6  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
GMJC 11-10-2011
Switch inspection complete

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

Reviewed by: [Signature]
Date: 4-23-14

11-10-2011
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<td></td>
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<tr>
<td>2 Switch I.D. #</td>
<td>1665 MOW SW</td>
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<tr>
<td>3 Facing</td>
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**Rail Points**

4 Point to Point 51 5/16
5 Point Condition S Y R
6 Point Throw Min 3 1/2 inches on house top point protected N
6a Point Opening N

**Gage**

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

**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

**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 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, Greatest 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

**Remarks on page 3**

CMJC 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location
50a Switch I.D. # 

51 Facing 

52 Frog Tread N S Y R 

54/79 Point Condition S Y R 

53 Frog # 

55 Condition of Frog S Y R 

56 Surface of Frog S Y R 

57 Throat in Inches 

72 Flangeway Depth 

74 Flangeway Depth must not be less than 1 ½”

Gage 

58 Main Track 5 6 ½ 

59 Turnout Track 5 6 ½ 

Gage must not be less than 56” any class

Guard Rails 

60 Guard Rail Gage N 5 4 1 8 R 

Guard Rail Gage must more than 54 3/8”

61 Back To Back N 5 2 1 8 R 

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/A 

Guard Rail Flangeway cannot not be less 1 ½”

70 Guard Rail Plates S Y R N/A 

71 Frog Plates S Y R N/A 

Rivets (Huck) 

75 Loose 

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

GMJC 11-10-2011
Broken washer

Switch inspection complete

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition. 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: 6-23-14

11-10-2011
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<td><strong>7</strong> Rail Points</td>
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<td><strong>8</strong> 4 Point to Point</td>
<td>51 39</td>
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<td><strong>9</strong> 5 Point Condition</td>
<td>S Y R</td>
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<tr>
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<td><strong>11</strong> N</td>
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<td><strong>13</strong> 7 Fit</td>
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<td><strong>14</strong> 8 General Condition of the Points</td>
<td>S Y R</td>
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<td><strong>17</strong> 9 Main</td>
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<td><strong>18</strong> 10 Turnout</td>
<td>5 6 1/6</td>
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<td><strong>19</strong> 11 Gage ahead of Bend</td>
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<td><strong>20</strong> 12 Heel Spread in Inches</td>
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<td><strong>21</strong> Turnout</td>
<td>5 6</td>
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<td><strong>22</strong> 13 Main</td>
<td>5 6</td>
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<td><strong>23</strong> Stock Rail</td>
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<td><strong>32</strong> 20 Cotter Pins Missing</td>
<td>6</td>
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<td><strong>33</strong> 21 Jam Nuts Loose</td>
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<td><strong>34</strong> 21a Washers</td>
<td>Ok</td>
<td>Broken</td>
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<td><strong>35</strong> Remarks on page 3</td>
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**Notes:**
- 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
- 25 Switch Rods S Y R N/A
- 26 #1 Rod (Basket Rod) S Y R
- 27 #2 Rod S Y R
- 28 #3 Rod S Y R N/A
- 29 #4 Rod S Y R N/A
- 30 Closure Rail S Y R
- 31 Surface of Switch S Y R
- Using a 62' 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 No
- 34 Lubrication 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 Trailing
52 Frog Tread N S Y R
54/79 Point Condition S Y R
53 Frog #
55 Condition of Frog S Y R
56 Surface of Frog S Y R
57 Throat in Inches 3 1/4
58 Main Track 5 6 1/2
59 Turnout Track 5 6 5/16
Gage must not be less than 56" any class

Gage

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

Turnout Ties

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

Tie Plates

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

Bolts

72 Loose S Y R N/A
74 Missing S Y R N/A

Rivets (Huck)

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

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

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

84 Condition of Line thru entire turnout S Y R

Remarks on page 3

GM JC 11-10-2011
Switch Inspection Complete

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

Reviewed by: [Signature] Date: 6-23-14

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

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<td>Watchman</td>
<td>By D</td>
</tr>
<tr>
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<td>CM 5 115</td>
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<tr>
<td>2 Switch I.D. #</td>
<td>1155 SW-3B</td>
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**Rail Points**

4 Point to Point | 5 |
5 Point Condition | SYR |
6 Point Throw | Nothing less than 4 inches or greater than 5 inches |

6a Point Opening | N 41/2 |
7 Fit | SYR |
8 General Condition of the Points | SYR |

**Gage**

9 Main | 56 11/16 |
10 Turnout | 36 3/4 |
11 Gage ahead of Bend | 56 1/2 |
Must not be less than 56 inches or more than 57 inches for “S”

12 Heel Spread in Inches

13 Main | 6 9/16 |

**Stock Rail**

14 Bend | SYR |
15 Condition | SYR |

**Bolts**

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

**Rivets (Huck Bolts)**

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

**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, Greater than 13/4” is Out of Service

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

**Remarks on page 3**

GMIIC 11-10-2011
Mainline

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/A

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

70 Guard Rail Plates

S Y R N/A

71 Frog Plates

S Y R N/A

Bolts
73 Loose

0 N/A

74 Missing

0 N/A

Rivets (Huck)

75 Loose

0 N/A

76 Missing

0 N/A

77 Nuts Missing

N/A

78 Cotter Pins Missing

N/A

79 Washers

Ok Broken Missing N/A

Hold Down Devices

S Y R N/A

81 Spring Housing

S Y R N/A

82 Derails

S Y R N/A

83 Maximum difference in any 31’ in Cross

Level on the siding from the Frog Point to

50’ beyond the last long tie

Ok Difference

84 Condition of Line thru entire turnout

S Y R

Remarks on page 3

GM/JC 11-10-2011
Switch blocked & clamped

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

Reviewed by: ____________________________ Date: 6-23-14

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

Date 6-20-2014  Inspection Crew Pollard, Alchin

Watchman Byrd

1 Location 115-SW 1-B
2 Switch ID 2 115-SW 1-B
3 Facing Trailing

Rail Points
4 Point to Point 50
5 Point Condition SYR Nothing less than 4 inches or greater than 5 inches.
6 Point Throw Min 3 1/2 inches on house top point protected

6a Point Opening N 5/10
7 Fit SYR

8 General Condition of the Points SYR

Gage
9 Heel of Switch 56 1/2
10 Main 56 7/8
11 Gage ahead of Bend 56 7/8
Must not be less than 56 inches or more than 57 inches for “S”

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

Stock Rail
14 Bend SYR
15 Condition SYR

Bolts
16 Loose N/A
17 Missing N/A

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

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

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

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

36 Latches Ok Broken Missing
37 Locks Ok Broken Missing

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

Remarks on page 3

GMC 11-10-2011
50 Location

50a Switch I.D. #

51 Facing Trailing

52 Frog Tread N S Y R
     R S Y R

53 Frog # 12

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 9/16

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

58 Main Track 56 3/8

59 Turnout Track 56 1/2

Gage must not be less than 56" any class

58 Main Track

60 Guard Rail Gage N 54 9/16 R 54 1/2

61 Back To Back N 52 5/8 R 52 1/8

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

62 Condition S Y R

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

Guard Rail Clamps

64 Main Track S Y R N/A

65 Turnout Track S Y R N/A

66 Condition

67 Rail Movement S Y R N/A

68 Lead S Y R N/A

69 Guard Rail Flangeway

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

70 Guard Rail Plates S Y R N/A

71 Frog Plates S Y R N/A

Bolts

73 Loose N/A

74 Missing N/A

Rivets (Huck)

75 Loose N/A

76 Missing N/A

77 Nuts Missing N/A

78 Cotter Pins Missing N/A

79 Washers Ok Broken Missing N/A

80 Hold Down Devices S Y R N/A

81 Spring Housing S Y R N/A

82 Derails S Y R N/A

83 Maximum difference in any 31’ in Cross

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

Ok Difference 1/8"

84 Condition of Line thru entire turnout S Y R

Remarks on page 3

GMJC 11-10-2011
house block half west rail st move

switch inspection complete

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

Reviewed by: ___________________________ Date: _______________________

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<td>Inspection Crew</td>
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<td>Watchman</td>
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<td></td>
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<td>8 General Condition of the Points</td>
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<td>10 Turnout</td>
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<td>11 Gage ahead of Bend</td>
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<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
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<td>15 Condition</td>
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<td>Rivets (Huck Bolts)</td>
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<td>19 Missing</td>
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<td>20 Cotter Pins Missing</td>
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<td>21 Jam Nuts Loose</td>
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<td>21a Washers</td>
<td>OK</td>
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<td>Broken Missing</td>
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<td>Remarks on page 3</td>
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(SYR) 22 Standard Joints
(SYR) 23 Switch Plates
(SYR) 24 Adjustable Braces
(SYR) 24a Non-Adjustable Braces
(SYR) 25 Front Rod
(SYR) 26 #1 Rod (Basket Rod)
(SYR) 27 #2 Rod
(SYR) 28 #3 Rod
(SYR) 29 #4 Rod
(SYR) 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
(SYR) 32 Head Block Ties
(SYR) 33 Switch Adjustments
(SYR) Yes No
(SYR) 34 Lubrication
(SYR) Ok Dry
(SYR) 35 Switch Targets/Lamps
(SYR) Ok Missing N/A
(SYR) 36 Latches
(SYR) Ok Broken Missing
(SYR) 37 Locks
(SYR) Ok Broken Missing
(SYR) 38 General Condition
(SYR) 39 Insulated Joints
(SYR) 39a Regular Joints
(SYR)
Mainline

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

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

57 Throat in Inches 3½
72 Flangeway Depth 2

Flangeway Depth must not be less than 1 ¼" 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 54 12/16 R 54 5/8
61 Back To Back N 52 12/16 R 52 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 ½"
More than 57 ½" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 ¼" downgrade to Class 2 and gets a Y

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 ½"
70 Guard Rail Plates S Y R N/A
71 Frog Plates S Y R N/A

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

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

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
Switch inspection complete

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

Reviewed by:  [Signature]  Date: 6-25-14

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

Date 6-20-2014 Inspection Crew _Pollard Alchin_

Watchman Byrd

1 Location CN 5 179
2 Switch I.D. # 1795 Mow SW-B
3 Facing __________ Trailing __________

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

6a Point Opening
N 

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

13 Main 5 1/2

Stock Rail
14 Bend SYR
15 Condition SYR

Bolts
16 Loose N/A
17 Missing N/A

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

Remarks on page 3

CN 06-11-2011
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location ________________________________
50a Switch I.D. # ____________________________
51 Facing ________________________ Trailing __
52 Frog Tread N S Y R
R S Y R
53 Frog # ________
54/79 Point Condition S Y R
55 Condition of Frog S Y R
56 Surface of Frog S Y R
57 Throat in Inches ________
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 51 ? R 54 9/4
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 52 1/8 R 52 13/16
Back to Back Gage must be less than 53 1/8”
62 Condition S Y R
63 Location of Guard Rail (Relation to Point) S Y R

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

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

Remarks on page 3

GM JC 11-10-2011

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

Rivets (Huck)
76 Screws 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
Switch inspection complete


Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 6-23-14

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

Date 6/25/14
Watchman B PANUSKA
1 Location CAMP MEADE JCT
2 Switch I.D. # 3671B
3 Facing X Trailing

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 5 3/4
6a Point Opening
N 5 1/4
7 Fit S Y R
8 General Condition of the Points S Y R

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

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 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 Drp
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

WO# 1495215
Page 1 of 3
SCHEIDT R MILLER
50 Location
50a Switch I.D. # ___________
51 Facing Trailing
52 Frog Tread N $YR$
           R $YR$
53 Frog # ___
54/79 Point Condition $YR$
55 Condition of Frog $YR$
56 Surface of Frog $YR$
57 Throat in Inches $3\frac{3}{4}$
72 Flangeway Depth ___
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track $56\frac{1}{2}$
59 Turnout Track $56\frac{1}{2}$
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N $57\frac{1}{2}$ R $57\frac{1}{2}$
Guard Rail Gage must more than 54 3/8"
61 Back To Back N $57\frac{5}{8}$ R $57\frac{5}{8}$
Back to Back Gage must be less than 53 1/8"
62 Condition $YR$
63 Location of Guard Rail (Relation to Point) $YR$

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

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

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

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

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 $YR N/A$
81 Spring Housing $YR N/A$
82 Derails $YR N/A$

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 $YR$

Remarks on page 3
GM:JG 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: 6-26-14

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

Date 6/25/14
Watchman B. Panuska
1 Location Camp Meade Vet
2 Switch I.D. # 347 38
3 Facing Trailing X

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

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

GMFC 11-10-2011

WO# 1495219

Inspection Crew Schisler R Miller

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
50 Location
50a Switch L.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 3/4
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 3/8 R 4 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 3 1/4 R 3 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 1/4" downgrade to
Class 2 and gets a Y

Remarks on page 3
GMJC 11-10-2011

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

Tie Plates
68 Lead
   Y R N/A
69 Guard Rail Flangeway
   Y R N/A
   Flangeway 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
SHELEDS STA. STOCK RAIL

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

Reviewed by: [Signature] Date: 6-26-14

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

Date: 6/25/14
Watchman: P. Kata
Location: CAMP HEADE VOT
Switch: # 367 3A
Facing: Trailing

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

Gage
Heel of Switch
9 Main 5 6/8
10 Turnout 5 6 1/2
11 Gage ahead of Bend 5 6 1/2
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
Turnout 6 1/8
13 Main 6 3/8

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

Remarks on page 3

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

Switch Rods
25 Front Rod
5 Y R N/A
26 #1 Rod (Basket Rod)
5 Y R
27 #2 Rod
5 Y R
28 #3 Rod
5 Y R N/A
29 #4 Rod
5 Y R N/A
30 Closure Rail
5 Y R
31 Surface of Switch
5 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
5 Y R
33 Switch Adjustments
Yes No
34 Lubrication
5 Dry
35 Switch Targets/Lamps
Ok Missing N/A
36 Latches
5 Ok Broken Missing
37 Locks
5 Ok Broken Missing
38 General Condition
5 Y R
39 Insulated Joints
5 Y R
39a Regular Joints
5 Y R

(OMJC 11-10-2011)
50 Location
50a Switch L.D. #
51 Facing
52 Frog Tread N S Y R
R S Y R
53 Frog # 10
54/79 Point Condition S Y R
55 Condition of Frog S Y R
56 Surface of Frog S Y R
57 Throat in Inches 3 1/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"
Gage
58 Main Track ≤ 5/8
59 Turnout Track ≤ 6 1/2
Gage must not be less than 56” any class
Guard Rails
60 Guard Rail Gage N ≤ 4 5/8 R ≤ 4 1/2
Guard Rail Gage must more than 54 3/8"
61 Back To Back N ≤ 2 3/8 R ≤ 2 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

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

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

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

84 Condition of Line thru entire turnout S Y R
### Remarks

**SHUEN STR. CLOSURE**

<p>| | |</p>
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- **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: 6-26-14  

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

Date: 6/25/14
Watchman: B. PANUSKA
Location: CAMP MEADE JCT
Switch I.D.: 367-1A
Facing: X. Trailing

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

Gage
9 Heel of Switch:
10 Main: 51 3/8
11 Turnout: 51 3/8
11 Gage ahead of Bend: 56 5/8
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches:
13 Main: 6 7/8

Stock Rail
14 Bend:
15 Condition: S Y R

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

Rivets (Huck Bolts)
18 Loose: D. N.A
19 Missing: D. N.A
20 Cotter Pins Missing: D. N.A
21 Jam Nuts Loose: D. N.A

Remarks on page 3

GMLC 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

50 Location ________________________________
50a Switch I.D. # __________________________
51 Facing Trailing __________________________
52 Frog Tread N 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 ⅛ ______________________
72 Flangeway Depth 2 _______________________
Flangeway Depth must not be less than 1 ½”

Gage
58 Main Track S S ⅞ _________________________
59 Turnout Track S ¾ _________________________
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 5 ⅝ ⅛ R 5 ⅝ ⅛ ______________
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 5 ½ ⅛ R 5 ½ ⅛ ________________
Back to Back Gage must be less than 53 1/8”
62 Condition S Y R ___________________________
63 Location of Guard Rail (Relation to Point) S Y R

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

Class 1 Gage 56” to 57 ½”

More than 57 ½” Out of Service
Class 3 Gage 56” to 57”

More than 57” to 57 ¼” downgrade to
Class 2 and gets a Y

Remarks on page 3

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 15/16 R 2 ____________
Guard Rail Flangeway can not be less 1 ½”
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

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: 6-26-14

11-10-2011
Switch Inspection Report Semi-Annual

Date 01/25/14
Watchman B. Panuska
1 Location Nursery Rd
2 Switch I.D. # 269 3B
3 Facing Trailing

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

Gage
9 Heel of Switch
10 Main 56 2/8
10a Turnout 56 7/8
11 Gage ahead of Bend 56 1/8
   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 7/8

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 OK Broken Missing

Remarks on page 3

GM/CT 11-16-2011
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location

50a Switch I.D. # _

51 Facing

52 Frog Tread N ☑ 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

58 Main Track 5 1/2

59 Turnout Track 5 1/2

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

61 Back To Back N 52 1/2 R 52 1/2

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

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/A 1 1/2

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

71 Frog Plates ☑ Y R N/A

72 Flangeway Depth 1 9/16

73 Loose — N/A

74 Missing — N/A

75 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

84 Condition of Line thru entire turnout ☑ Y R

Remarks on page 3

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

Reviewed by: [Signature] Date: 6-26-14

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

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<th>Inspection Crew</th>
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<td>6/25/14</td>
<td>T. SCHISLER, R. MILLER</td>
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<tr>
<th>Location</th>
<th>Switch ID</th>
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<td>NURSERY RD</td>
<td>21A</td>
<td>Trailing</td>
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### Rail Points

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

### Gage

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

### 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

### Remarks

- **Remarks on page 3**

---

**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 Y and no more than 1 1/2" to 1 3/4"
- For a R, Greater than 13/4" is Out of Service

### Head Block Ties

- **32 Y R**

### Switch Adjustments

- **33 Yes**

### Lubrication

- **34 Dry**

### Switch Targets/Lamps

- **35 Ok Missing**

### Latches

- **36 Ok Broken Missing**

### Locks

- **37 Ok Broken Missing**

### General Condition

- **38 Y R**

### Insulated Joints

- **39 Y R**

### Regular Joints

- **39a Y R**
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 3/8
58 Flangeway Depth  1 7/16
Flangeway Depth must not be less than 1 ½"
Gage
58 Main Track  ☐ Y R  7/8
59 Turnout Track  ☐ Y R  ½
Gage must not be less than 56” any class
Guard Rails
60 Guard Rail Gage  N  ☐ 4 1/2  ☐ R  ☐ 4 5/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back  N  ☐ 2 1/2  ☐ R  ☐ 2 9/8
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 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

Remarks on page 3

OM JC 11-10-2011
Shelled Str Closure

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: 6-26-14
Mainline | Switch Inspection Report Semi-Annual
---|---
Date: 6/25/15 | Inspection Crew: T. SCHILLER, R. MILLER
Watchman: B. PANUSKA | WO#: 1486177
1. Location: NURSEY, RA
2. Switch ID #: 269, 1B
3. Facing: X, Trailing

**Rail Points**
4. Point to Point: S 1 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 1/4, 4 3/4
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
10. Main: 6 1/4
11. Turnout: 6 3/4
11. Gage ahead of Bend: S 6 1/2
   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: S 6 3/8

**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: O Broken, Missing

**Switch Rods**
25. Front Rod: S Y R N/A
26. #1 Rod (Basket Rod): S Y R
27. #2 Rod
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 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
   O 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

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

50 Location
50a Switch I.D. # 
51 Facing 
52 Frog Tread N
R
53 Frog # 10
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 N
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

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 Pin Missing
79 Washers Broken Missing

Hold Down Devices
81 Spring Housing
82 Derails

Maximum difference in any 31' in Cross

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

Condition of Line thru entire turnout

Remarks on page 3

GM JC 11-10-2011
Shelled 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: 6-26-14

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

Date: 12/14

Watchman: B. Kanuska

Location: Nursery Rd.

Switch ID: 26A 1A

Facing: Trailing

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

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

Gage
9. Heel of Switch: 5 3/4
10. Turnout: 5 3/4
11. Gage ahead of Bend: 5 3/4

Must not be less than 56 inches or more than 57 inches for “S”
12. Heel Spread in Inches: Turnout 6 1/2
13. Main: 6 1/2

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

Comments: 11-18-2011
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 ______ 3/8
72 Flangeway Depth ___ 1/16

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

Gage
58 Main Track ______ 51 1/4
59 Turnout Track ______ 52 1/8

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N ______ 54 3/8 N ______ 54 1/4

Guard Rail Gage must more than 54 3/8" "
61 Back To Back ______ 52 3/8 R ______ 52 7/8

Back to Back Gage must be less than 53 1/8"
62 Condition $ Y R
63 Location of Guard Rail (Relation to Point) $ Y R

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

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

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

Tie Plates
68 Lead $ Y R N/A
69 Guard Rail Flangeway $ Y R N A $ 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
72 Loose ______ 0 N/A
73 Missing ______ 0 N/A

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

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

83 Maximum difference in any 31' in Cross

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

84 Condition of Line thru entire turnout $ Y R

Remarks on page 3

GMJC 11-10-2011
BATTERED THROAT AREA
SHELLING ON 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: 6-26-14

11-10-2011
### Mainline

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### Rail Points

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Nothing less than 4 inches or greater than 5 inches.

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<th>6 Point Throw</th>
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<tr>
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<td>N 4 3/4 1/4</td>
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<td>7 Fit</td>
<td>SYR</td>
</tr>
<tr>
<td>8 General Condition of the Points</td>
<td>SYR</td>
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### Gage

- Heel of Switch
- Main 5/4
- Turnout 3/4
- Gage ahead of Bend 5 1/2

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

- Heel Spread in Inches
- Turnout 6 1/4

### Stock Rail

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<td>15 Condition</td>
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### 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 Q 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

### Latch Block Ties

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<th>32 Head Block Ties</th>
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### Switch Adjustments

| 33 Switch Adjustments | Yes |

### Lubrication

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<th>34 Lubrication</th>
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### Switch Targets/Lamps

| 35 Switch Targets/Lamps | Ok |

### Latches

| 36 Latches | Ok Broken Missing |

### Locks

| 37 Locks | Ok Broken Missing |

### General Condition

| 38 General Condition | SYR |

### Insulated Joints

| 39 Insulated Joints | SYR |

### Regular Joints

| 39a Regular Joints | SYR |

### Remarks on page 3

GAPC 11-10-11
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 # 10
54/79 Point Condition
55 Condition of Frog
56 Surface of Frog
57 Throat in Inches
72 Flangeway Depth
Flangeway Depth must not be less than 1 ½”

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

Guard Rails
60 Guard Rail Gage N 54 7/8 R 54 7/8
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 52 3/4 R 52 3/8
Back to Back Gage must be less than 53 1/8”
62 Condition
63 Location of Guard Rail (Relation to Point)

Guard Rail Clamps
64 Main Track
65 Turnout Track

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

Remarks on page 3

GM JC 11-10-2011
SHEELED STR 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: 6-26-14

11-10-2011
### Work Order Tracking (Tr)

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<td>1297759</td>
<td>Semi Annual Switch Inspection</td>
<td>LTRAIL</td>
<td>APPR</td>
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### Children of Work Order 1488127

#### Tasks for Work Order 1488127

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* Related Records: Safety Plan, Log, Failure Reporting, Specifications

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http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=14037844157... 6/26/2014
# Switch Inspection Report Semi-Annual

**Date:** 06/25/14  
**Watchman:** B. Panisza  
**Location:** CMS 208  
**Switch I.D. #:** 208 MOW SW 1-8  
**Facing:** X  
**Trailing:**  

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

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

## Stock Rail
1. **Bend:** SYR  
2. **Condition:** SYR  

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

## Rivets (Huck Bolts)
1. **Loose:** N.A.  
2. **Missing:** N.A.  
3. **Cotter Pins Missing:** N.A.  
4. **Jam Nuts Loose:** N/A  
5. **Washers:** OK  

## Remarks on page 3

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**WO# 1489129 Page 1 of 3**  
**Inspection Crew:** T. Schisler, R. Miller  

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

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

50 Location
50a Switch I.D. # __________
51 Facing Trailing
52 Frog Tread N Y R R Y R
53 Frog # __________
54/79 Point Condition Y R
55 Condition of Frog Y R
56 Surface of Frog Y R
57 Throat in Inches 3 1/4
58 Flangeway Depth Y
Flangeway Depth must not be less than 1 1/2"
59 Gage Main Track 5 1/8
60 Gage Turnout Track 5 1/8
Gage must not be less than 56" any class
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
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

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

Bolts
73 Loose N/A
74 Missing N/A

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

Spring Housing
81 Spring Housing Y R N/A

Derails
82 Derails Y R N/A

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

84 Condition of Line thru entire turnout Y R

Remarks on page 3

GMJC 11-10-2011
Frog Pt. starting to get battered.

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: 6-26-14

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

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

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

Rail Points
4 Point to Point 5" 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 5/8 4 5/8
6a Point Opening
N 5 1/3 5 3/8
7 Fit
(S) Y R
8 General Condition of the Points
(S) Y R

Gage
Heel of Switch
9 Main 6 1/2
10 Turnout 5 7/8
11 Gage ahead of Bend 6 5/8
Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches
Turnout 1 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
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 Braces
(S) Y R N/A
24a Non-Adjustable Braces
S Y R (N/A)

Switch Rads
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 Trailing
52 Frog Tread N $ Y R
52 Frog Tread R $ Y R
53 Frog # 19
54/79 Point Condition $ Y R
55 Condition of Frog $ Y R
56 Surface of Frog $ Y R
57 Throat in Inches 3 3/8
72 Flangeway Depth / 7/16
Flangeway Depth must not be less than 1 1/2"
Gage
58 Main Track 56 7/8
59 Turnout Track 56 7/8
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 7/8 R 54 3/4
Guard Rail Gage must more than 54 3/8"
61 Back to Back N 52 7/8 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

GMJC 11-10-2011

- **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