Mainline Switch Inspection Report Semi-Annual

Date: 10/15/13

Watchman: N/A

1 Location: NA
2 Switch 1 D. #: 45
3 Facing: X

Rail Points
4 Point to Point: 5 1/4
5 Point Condition: 5 Y R
6 Point Throw: Min 3 1/2 inches on house top point protected
7 Tie: 5 Y R
8 General Condition of the Points: 5 Y R

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

Stock Rail
14 Bend:
15 Condition: 5 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

SMJC 11-11-2011

J. SCHLISLER W. BRYANT

22 Standard Joints
23 Switch Plates
24 Adjustable Braces
24a Non-Adjustable Braces
25 Switch Rods
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

WOM #148054
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 # 12
54/79 Point Condition
Y R
55 Condition of Frog
Y R
56 Surface of Frog
Y R

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

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 11/16
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 13/16 R 52 3/16
Back to Back Gage must be less than 53 1/8"

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

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

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 1/8 R
Guard Rail Flangeway can not be less 1 1/8
70 Guard Rail Plates
Y R N/A
71 Frog Plates
Y R N/A

Bolts
73 Loose N/A
74 Missing N/A

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

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

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

84 Condition of Line thru entire turnout
Y R
No new defects noted.

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

Reviewed by: [Signature]  Date: 10-21-13

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

Date 10/15/13
Watchman ____________________________

1 Location ____________________________
2 Switch I.D. # 47 ____________________________
3 Facing X Trailing ____________________________

Rail Points
4 Point to Point 51 3/8
5 Point Condition SYR
6 Point Throw, Min 3 1/2 inches on house top point protected N S R S
6a Point Opening N 5/8 R 5/8

7 Fit SYR
8 General Condition of the Points SYR

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

Stock Rail
14 Bend SYR
15 Condition SYR

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

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

Remarks on page 3

SCHISLER W. BRYANT

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

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

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

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

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

57 Throat in Inches 3 3/4
72 Flangeway Depth 1 3/4
Flangeway Depth must not be less than 1 1/8

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

Guard Rails
60 Guard Rail Gage N 54 5/8 R 54 3/8
Guard Rail Gage must more than 54 3/8
61 Back To Back N 52 5/8 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 1/4” 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 1/8
70 Guard Rail Plates Y R N/A

Bolts
73 Loose N/A
74 Missing N/A

Rivets (Head)
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

Remarks on page 3

GM JC 11-10-2011
No new defects noted.

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

Reviewed by: [Signature] Date: 10-18-13

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

Date 10/15/13  Inspection Crew T. SCHISLER, W. BEYAN

Watchman

1 Location
2 Switch I.D. # 49
3 Facing X Trailing

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

Gage
Heel of Switch
9 Main 56 9/16
10 Turnout 56 9/16
11 Gage ahead of Bend 56 9/16
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
SYR
15 Condition
SYR

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

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

Remarks on page 3

GMJC 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location __________________________
50a Switch I.D. # _____________________
51 Facing ________________ Trailing __________
52 Frog Tread N Y R
R Y R
53 Frog # ______________________
54/79 Point Condition Y R
55 Condition of Frog Y R
56 Surface of Frog Y R

57 Throat in Inches 3 1/4
72 Flangeway Depth 1 15/16
Flangeway Depth must not be less than 1 1/4"
Gage
58 Main Track 56 1/2
59 Turnout Track 56 3/4
Gage must not be less than 56" any class

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

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

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

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

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

Bolts
73 Loose 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/A

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

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

84 Condition of Line thru entire turnout Y R

Remarks on page 3

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:  
Date: 10-18-13

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

<table>
<thead>
<tr>
<th>Date</th>
<th>10/15/13</th>
<th>Inspection Crew</th>
<th>T. Schieler</th>
<th>W. Breen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watchman</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Location</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Switch ID #:</td>
<td>S1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Facing</td>
<td>X</td>
<td>Trailing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Rail Points**

<table>
<thead>
<tr>
<th>4 Point to Point</th>
<th>S0 3/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Point Condition</td>
<td>Y R</td>
</tr>
<tr>
<td>6 Point Throw</td>
<td>Min 3 1/2 inches on house top point protected</td>
</tr>
<tr>
<td>N</td>
<td>S 3/8</td>
</tr>
<tr>
<td>R</td>
<td>S 3/8</td>
</tr>
<tr>
<td>6a Point Opening</td>
<td>N</td>
</tr>
<tr>
<td>R</td>
<td>S 3/4</td>
</tr>
<tr>
<td>7 Fit</td>
<td>Y R</td>
</tr>
<tr>
<td>8 General Condition of the Points</td>
<td>Y R</td>
</tr>
</tbody>
</table>

**Gage**

<table>
<thead>
<tr>
<th>9 Heel of Switch</th>
<th>S0 3/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Turnout</td>
<td>S0 7/8</td>
</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>S0 3/8</td>
</tr>
<tr>
<td>Must not be less than 56 inches or more than 57 inches for &quot;S&quot;</td>
<td></td>
</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td>Turnout</td>
</tr>
</tbody>
</table>

**Stock Rail**

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

**Bolts**

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

**Rivets (Huck Bolts)**

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

**Remarks on page 3**

GMJC 11-16-11
### 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></td>
</tr>
<tr>
<td>53 Frog #</td>
<td></td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td></td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td></td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td></td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>3 1/4</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>1 3/8</td>
</tr>
</tbody>
</table>

**Flangeway Depth must not be less than 1 ½"**

### 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 S 4 5/8 R S 4 3/8 |
| 61 Back To Back | N S 2 5/8 R S 2 3/8 |
| 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 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**

### Turnout Ties

| 66 Condition |  |
| 67 Rail Movement |  |

### Tie Plates

| 68 Lead |  |
| 69 Guard Rail Flangeway |  |
| 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 | Qt Broken Missing N/A |

| 80 Hold Down Devices |  |
| 81 Spring Housing |  |
| 82 Derails |  |

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

| 84 Condition of Line thru entire turnout |  |

---

**Remarks on page 3**

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

Reviewed by: __________________________ Date: 10-21-13

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

Date 10/15/13

Watchman

1 Location
2 Switch I.D. # S3
3 Facing Y Trailing

Rail Points
4 Point to Point S1½
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 H
6a Point Opening N S1/2 R S 1/2
7 Fit S Y R
8 General Condition of the Points S Y R

Gage
Heel of Switch
9 Main S2/6

10 Turnout S1 1/2

11 Gage ahead of Bend S1 3/4
Must not be less than 56 inches or more than 57 inches for “S”

12 Heel Spread in Inches
Turnout S 1/2

13 Main

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

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

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

Remarks on page 3

WO# 1146097 Page 1 of 3

Inspection Crew T. SCHISLER W. BRYANT

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

24 Adjustable Braces S Y R N/A
24a Non-Adjustable Braces S Y R N/A

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

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

34 Lubrication

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

GMC 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 3 3/4
72 Flangeway Depth 1 13/16
Flangeway Depth must not be less than 1 1/4"

58 Main Track 56 1/2
59 Turnout Track 56 7/16
Gage must not be less than 56" any class

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 3/4 R 52 3/8
Back to Back Gage must be less than 53 1/8"
62 Condition Y R
63 Location of Guard Rail (Relation to Point) Y R

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

Class 1 Gage 56" to 57 1/2"
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
NO NEW DEFECT'S 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: M. Barker  Date: 10-21-13

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

Date: 10/15/13

Inspection Crew: T. Scherer, W. Bryant

Watchman:
1. Location: N/A Yard
2. Switch I.D. #: 27
3. Facing: X Trailing

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

Gage:
9. Heel of Switch:
   - Main: S 1/8
10. Turnout:
   - S 1/2
11. Gage ahead of Bend: S 3/4
   - Must not be less than 56 inches or more than 57 inches for "S"
12. Heel Spread in Inches:
   - Turnout: S 1/8
13. Main: S 1/8

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

Remarks on page 3

WO# 1141045
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 ¼”
58 Main Track
59 Turnout Track
Gage must not be less than 56” any class
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 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

Turnout Ties
66 Condition
67 Rail Movement
Tie Plates
68 Lead
69 Guard Rail Flangeway
Guard Rail Flangeway can not be less 1 ¼”
70 Guard Rail Plates
71 Frog Plates
Bolts
73 Loose
74 Missing
Rivets (Huck)
75 Loose
76 Missing
77 Nuts Missing
78 Cotter Pins Missing
79 Washers
Hold Down Devices
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
OR Difference

84 Condition of Line thru entire turnout

Remarks on page 3
OM JC 11-10-2011
LH CV PT Tip has been struck (ok) can be dressed.

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

Reviewed by: [Signature]  Date: 10-21-13

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

<table>
<thead>
<tr>
<th>Date</th>
<th>10/15/13</th>
<th>Inspection Crew</th>
</tr>
</thead>
</table>

- **Watchman**
  - Location: N/A
  - Switch ID #: 29
  - Facing: Trailing

<table>
<thead>
<tr>
<th>Rail Points</th>
<th>4 Point to Point</th>
<th>51 1/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Point Condition</td>
<td>SYR</td>
<td>Nothing less than 4 inches or greater than 5 inches.</td>
</tr>
<tr>
<td>6 Point Throw, Min 3 1/2 inches on house top point protected</td>
<td>N 4 7/16 R 4 17/16</td>
<td></td>
</tr>
<tr>
<td>6a Point Opening</td>
<td>N S R 5</td>
<td></td>
</tr>
</tbody>
</table>

- **Fit**
  - SYR

- **General Condition of the Points**
  - SYR

- **Gage**
  - Heel of Switch
  - Main 50 1/2
  - Turnout 50 1/2
  - Gage ahead of Bend 50 9/16
  - Must not be less than 56 inches or more than 57 inches for “S”
  - Heel Spread in Inches
  - Turnout 6 1/4
  - Main 6 1/4

- **Stock Rail**
  - Bend SYR
  - Condition SYR

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

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

- **Remarks on page 3**

---

**WOM**

- **14/10/15**
- **Page 1 of 3**
- **T. SCHULZ, W. BRYANT**

- **22 Standard Joints**
  - SYR N/A

- **23 Switch Plates**
  - Y R

- **24 Adjustable Braces**
  - SYR N/A

- **24a Non-Adjustable Braces**
  - SYR N/A

- **Switch Rods**
  - Front Rod SYR N/A
  - #1 Rod (Basket Rod) SYR
  - #2 Rod SYR
  - #3 Rod SYR N/A
  - #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**
  - Dry

- **35 Switch Targets/Lamps**
  - Ok Missing N/A

- **36 Latches**
  - Broken Missing

- **37 Locks**
  - Broken Missing

- **38 General Condition**
  - SYR

- **39 Insulated Joints**
  - SYR

- **39a Regular Joints**
  - SYR
**Mainline**

<table>
<thead>
<tr>
<th>50 Location</th>
<th>50a Switch I.D. #</th>
<th>SELF GUARDING</th>
</tr>
</thead>
<tbody>
<tr>
<td>51 Facing</td>
<td>Trailing Type</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></td>
<td></td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td>N Y R</td>
<td></td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>N Y R</td>
<td></td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>N Y R</td>
<td></td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>2 1/8</td>
<td></td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>1 3/16</td>
<td></td>
</tr>
</tbody>
</table>

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

**Gages**

<table>
<thead>
<tr>
<th>58 Main Track</th>
<th>59 Turnout Track</th>
<th>56” any class</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2”</td>
<td>5 1/2”</td>
<td></td>
</tr>
</tbody>
</table>

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

**Guard Rails**

<table>
<thead>
<tr>
<th>60 Guard Rail Gage</th>
<th>61 Back To Back Gage</th>
<th>53 1/8”</th>
</tr>
</thead>
<tbody>
<tr>
<td>N Y R</td>
<td>N Y R</td>
<td></td>
</tr>
</tbody>
</table>

*Guard Rail Gage must more than 54 3/8” Back to Back Gage must be less than 53 1/8”*

**Condition**

<table>
<thead>
<tr>
<th>62 Condition</th>
<th>63 Location of Guard Rail (Relation to Point)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N Y R</td>
<td>N Y R</td>
</tr>
</tbody>
</table>

**Guard Rail Clamps**

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

**Turnout Ties**

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

**Tie Plates**

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

*Guard Rail Flangeway can not be less 1 3/4”*

**70 Guard Rail Plates**

<table>
<thead>
<tr>
<th>71 Frog Plates</th>
<th>73 Loose</th>
<th>74 Missing</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Rivets (Huck)**

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

**80 Hold Down Devices**

<table>
<thead>
<tr>
<th>81 Spring Housing</th>
<th>82 Derails</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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

**83**

*Ok Difference*  

**84 Condition of Line thru entire turnout**

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

**Remarks on page 3**

*GM JC 11-10-2011*
Bad X-ing Ties in Switch (Road)

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

Reviewed by: [Signature] Date: 10-21-13

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

Date 10/15/13  Inspection Crew
Watchman
1 Location NA. Yard
2 Switch I.D. # 33
3 Facing X Trailing

Rail Points
4 Point to Point 5
5 Point Condition
S Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw, Min 3 1/2 inches on house top point protected
N S R
6a Point Opening
N 5/4 R 5/4
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 3/4
11 Gage ahead of Bend 56 5/4 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 1/2

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 1

WO# 1141099

T Schleser W Breynt

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

GMJC 11-10-2011
### Mainline

<table>
<thead>
<tr>
<th>Location</th>
<th>50 Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch I.D. #</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Facing</th>
<th>51 Facing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trailing</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frog Tread</th>
<th>52 Frog Tread</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>Y</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frog #</th>
<th>53 Frog #</th>
</tr>
</thead>
<tbody>
<tr>
<td>54/79 Point Condition</td>
<td>Y</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Condition of Frog</th>
<th>55 Condition of Frog</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>R</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Surface of Frog</th>
<th>56 Surface of Frog</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>R</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Throat in Inches</th>
<th>57 Throat in Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 1/4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flangeway Depth</th>
<th>72 Flangeway Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/8</td>
<td></td>
</tr>
</tbody>
</table>

**Flangeway Depth must not be less than 1 1/8"**

### Turnout Ties

<table>
<thead>
<tr>
<th>66 Condition</th>
<th>Turnout Ties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>R</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rail Movement</th>
<th>67 Rail Movement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>R</td>
</tr>
</tbody>
</table>

### Tie Plates

<table>
<thead>
<tr>
<th>68 Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Guard Rail Flangeway</th>
<th>69 Guard Rail Flangeway</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>R</td>
</tr>
</tbody>
</table>

**Guard Rail Flangeway can not be less than 1 1/8"**

<table>
<thead>
<tr>
<th>Guard Rail Plates</th>
<th>70 Guard Rail Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>R</td>
</tr>
</tbody>
</table>

### Frog Plates

<table>
<thead>
<tr>
<th>71 Frog Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
</tr>
</tbody>
</table>

### Bolts

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

<table>
<thead>
<tr>
<th>74 Missing</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

### Rivets (Huck)

<table>
<thead>
<tr>
<th>75 Loose</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>76 Missing</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>79 Washers Ok</th>
<th>Broken</th>
<th>Missing</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Hold Down Devices

<table>
<thead>
<tr>
<th>80 Hold Down Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
</tr>
</tbody>
</table>

### Spring Housing

<table>
<thead>
<tr>
<th>81 Spring Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
</tr>
</tbody>
</table>

### Derails

<table>
<thead>
<tr>
<th>82 Derails</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ok</td>
</tr>
</tbody>
</table>

### 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: 10-21-13

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

<table>
<thead>
<tr>
<th>Date</th>
<th>10/15/13</th>
<th>Inspection Crew</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watchman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Location</td>
<td>NA Y A</td>
<td></td>
</tr>
<tr>
<td>2 Switch I D. #</td>
<td>37</td>
<td></td>
</tr>
<tr>
<td>3 Facing</td>
<td>X Trailing</td>
<td></td>
</tr>
</tbody>
</table>

#### 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: N 4 3/6 R 4 3/6.
- **6a Point Opening**: N 5 R 5

#### Gage
- **Heel of Switch**: 9 Main 56 3/4
- **10 Turnout**: 56 3/4
- **11 Gage ahead of Bend**: 56 3/4
- **12 Heel Spread in Inches Turnout**: 5/16
- **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

#### Remarks on page 3
- GMJC 11-16-2011

---

W# 1140987

T. Bentsen W. Bryant

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

---

Switch Rads
- **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

---

Closure Rail
- **30 Surface of Switch**: SYR
- **31 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"**
- **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
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Frog Inspection Report Semi-Annual</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</td>
</tr>
<tr>
<td></td>
<td>R Y R</td>
</tr>
<tr>
<td>53 Frog #</td>
<td>60</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 3/4</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>1 5/8</td>
</tr>
<tr>
<td>Flangeway Depth must not be less than 1 3/8”</td>
<td></td>
</tr>
<tr>
<td>Gage</td>
<td>M 5/8</td>
</tr>
<tr>
<td>58 Main Track</td>
<td></td>
</tr>
<tr>
<td>59 Turnout Track</td>
<td>5/8</td>
</tr>
<tr>
<td>Gage must not be less than 5/8” any class</td>
<td></td>
</tr>
<tr>
<td>Guard Rails</td>
<td></td>
</tr>
<tr>
<td>60 Guard Rail Gage</td>
<td>N 54 3/4 R 54 3/4</td>
</tr>
<tr>
<td>Guard Rail Gage must more than 54 3/8”</td>
<td></td>
</tr>
<tr>
<td>61 Back To Back</td>
<td>N 52 3/4 R 52 3/4</td>
</tr>
<tr>
<td>Back to Back Gage must be less than 53 1/8”</td>
<td></td>
</tr>
<tr>
<td>62 Condition</td>
<td>Y R</td>
</tr>
<tr>
<td>63 Location of Guard Rail (Relation to Point)</td>
<td>Y R</td>
</tr>
<tr>
<td>Guard Rail Clamps</td>
<td></td>
</tr>
<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

OM JC 11-10-2011

| Turnout Ties |                                    |
| 66 Condition | Y R N/A |
| 67 Rail Movement | Y R N/A |
| Tie Plates |                                    |
| 68 Lead | Y R N/A |
| 69 Guard Rail Flangeway | Y R N/A |
| Guard Rail Flangeway can not be less 1 3/8” |
| 70 Guard Rail Plates | Y R N/A |
| 71 Frog Plates | Y R N/A |

Bolts

| Rivets (Huck) |                                    |
| 73 Loose | N/A |
| 74 Missing | N/A |

Rivets (Huck)

| 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

| 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

| Observations |                                    |
| 84 Condition of Line thru entire turnout | Y R |

84 Condition of Line thru entire turnout | Y R |
NO new defects noted.

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

Reviewed by: [Signature] Date: 10-21-13

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

Date: 10/15/13

Watchman:
1 Location: NA YARD
2 Switch I.D. #: 39
3 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 5 1/4  R 5 1/4

6a Point Opening:
   N 5 1/4  R 5 1/4

7 Fix:
   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: 4 1/4

13 Main: 2 3/4

Stock Rail:
14 Bend:
   S Y R

15 Condition:
   S Y R

Bolts:
16 Loose: N/A

17 Missing: N/A

Rivets (Huck Bolts):
18 Loose: N/A

19 Missing: N/A

20 Cotter Pins Missing: N/A

21 Jam Nuts Loose: N/A

21a Washers: Ok Broken Missing

Remarks on page 3

---

22 Standard Joints
   S Y R N/A

23 Switch Plates
   S Y R

24 Adjustable Braces
   S Y R N/A

24a Non-Adjustable Braces
   S Y R N/A

Switch Rods:
25 Front Rod:
   S Y R N/A

26 #1 Rod (Basket Rod)
   S Y R

27 #2 Rod:
   S Y R

28 #3 Rod:
   S Y R N/A

29 #4 Rod:
   S Y R N/A

30 Closure Rail:
   S Y R

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

32 Head Block Ties:
   S Y R

33 Switch Adjustments:
   Yes (No)

34 Lubrication:
   Ok Dry

35 Switch Targets/Lamps:
   Ok Missing: N/A

36 Latches:
   Ok Broken Missing

37 Locks:
   Ok Broken Missing

38 General Condition:
   S Y R

39 Insulated Joints:
   S Y R

39a Regular Joints:
   S Y R
### Mainline

<table>
<thead>
<tr>
<th>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></td>
</tr>
<tr>
<td>Y R</td>
<td>R</td>
</tr>
<tr>
<td>53 Frog #</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>3/4</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>2</td>
</tr>
</tbody>
</table>

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

### Gage

| 58 Main Track |  |
| 59 Turnout Track |  |

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

### Guard Rails

| 60 Guard Rail Gage | N S 3/8 | R S 3/8 |
| 61 Back To Back | N S 3/4 | R S 3/4 |

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

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

### Guard Rail Clamps

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

### Turnout Ties

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

### Tie Plates

| 68 Lead | Y R N/A |
| 69 Guard Rail Flangeway | Y R N/A |

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

### 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 |

### Hold Down Devices

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

### Springs 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

| 84 Condition | Y R |

---

**Remarks on page 3**

GM JC 11-10-2011
No new defects noted.

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

Reviewed by: [Signature]
Date: 10-21-13

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

Date: 10-11-13 Inspection Crew

Watchman
1 Location: North Ave Yard N.E.
2 Switch I.D. #: 61
3 Facing: Trailing

Rail Points
4 Point to Point 61.38
5 Point Condition:
6 Point Throw: Min 3 1/2 inches on house top point protected
6a Point Opening:

6 Point Condition
7 Left

8 General Condition of the Points
9 SYR

Gage
10 Heel of Switch
11 Main Spread
11a Gage ahead of Bend
11b

Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
13 Main Spread

Stock Rail
14 Bend
15 Condition:

SYR

Bolts
16 Loose
17 Missing

SYR

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

Remarks on page 3

GWMJ 11-10-2011
50 Location North Ave. Yard N.E.
50a Switch I.D. #  
51 Facing Trailing
52 Frog Tread N  Y R
      R  Y R
53 Frog # 60
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 2" Flangeway Depth must not be less than 1 1/2"

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

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

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 0 N/A
74 Missing 0 N/A

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

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

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

84 Condition of Line thru entire turnout  Y R

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

Reviewed by: [Signature]  
Date: 10-21-13
<table>
<thead>
<tr>
<th><strong>Mainline</strong></th>
<th><strong>Switch Inspection Report Semi-Annual</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date</strong></td>
<td>10-11-13</td>
</tr>
<tr>
<td><strong>Watchman</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>North Ave. Yard W.E.</td>
</tr>
<tr>
<td><strong>Switch ID. #</strong></td>
<td>63</td>
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<tr>
<td><strong>Facing</strong></td>
<td>Trailing</td>
</tr>
<tr>
<td><strong>Rail Points</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Point to Point</strong></td>
<td>51/8</td>
</tr>
<tr>
<td><strong>Point Condition</strong></td>
<td>S Y R</td>
</tr>
<tr>
<td><strong>Point Throw</strong></td>
<td>Nothing less than 4 inches or greater than 5 inches.</td>
</tr>
<tr>
<td><strong>Min 3 1/2 inches on house top point protected</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Point Opening</strong></td>
<td>N 4 1/2 R</td>
</tr>
<tr>
<td><strong>Point Opening</strong></td>
<td>S Y R</td>
</tr>
<tr>
<td><strong>General Condition of the Points</strong></td>
<td>S Y R</td>
</tr>
<tr>
<td><strong>Gage</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Heel of Switch</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Turnout</strong></td>
<td>30 7/16</td>
</tr>
<tr>
<td><strong>Gage ahead of Bend</strong></td>
<td>30 7/16</td>
</tr>
<tr>
<td><strong>Must not be less than 56 inches or more than 57 inches for “S”</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Heel Spread in Inches</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Turnout</strong></td>
<td>6 1/4</td>
</tr>
<tr>
<td><strong>Stock Rail</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Bend</strong></td>
<td>S Y R</td>
</tr>
<tr>
<td><strong>Condition</strong></td>
<td>S Y R</td>
</tr>
<tr>
<td><strong>Bolts</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Loose</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>Missing</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>Rivets (Huck Bolts)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Loose</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>Missing</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>Cotter Pins Missing</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>Jam Nuts Loose</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>Locomotive Washers</strong></td>
<td>Ok</td>
</tr>
<tr>
<td><strong>Remarks on page 3</strong></td>
<td></td>
</tr>
</tbody>
</table>

**WON 1155590**

| **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** | | |
| **Front Rod** | S Y R N/A |
| **16 #1 Rod (Basket Rod)** | S Y R |
| **27 #2 Rod** | S Y R |
| **28 #3 Rod** | S Y R N/A |
| **29 #4 Rod** | S Y R N/A |
| **30 Closure Rail** | S Y R |
| **31 Surface of Switch** | S Y R |
| **Using a 62’ cord, not over 1” to 1 1/2” for a Y and no more than 1 1/2” to 1 3/4”** | |
| **For a R, Great than 13/4” is Out of Service** | | |
| **32 Head Block Ties** | S Y R |
| **33 Switch Adjustments** | Yes | No |
| **34 Lubrication** | | |
| **Ok Dry** | | |
| **35 Switch Targets Lamps** | Ok | Missing N/A |
| **36 Latches** | Ok | Broken Missing |
| **37 Locks** | Ok | Broken Missing |
| **38 General Condition** | S Y R | |
| **39 Insulated Joints** | S Y R | |
| **39a Regular Joints** | S Y R | |
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location North Ave. Yard N.E.
50a Switch I.D. # 163
51 Facing Trailing
52 Frog Tread N SYR
R SYR
53 Frog # 16
54/79 Point Condition SYR
55 Condition of Frog SYR
56 Surface of Frog SYR

57 Throat in Inches 3 7/8
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"
Gage
58 Main Track 0
59 Turnout Track 0
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 5 4 1/8 R 5 4 1/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 3/16 R 5 3/16
Back to Back Gage must be less than 53 1/8"
62 Condition SYR
63 Location of Guard Rail (Relation to Point) SYR
Guard Rail Clamps
64 Main Track 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 SYR N/A

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

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

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

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

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

84 Condition of Line thru entire turnout SYR

Remarks on page 3

GM JC 11-10-2011
One 11' Timber rotted

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: 10-21-13

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

**Date:** 10-17-13

**Watchman:**
- 1 Location: North Ave Yard N.E.
- 2 Switch 1 D. #: 26
- 3 Facing: Trailing

**Rail Points**
- 4 Point to Point: 51 1/8
- 5 Point Condition: $YR$
  - Nothing less than 4 inches or greater than 5 inches.
- 6 Point Throw: Min 3 1/2 inches on house top point protected
  - N: 4'91 1/8 R: 4'96
- 6a Point Opening: N: 4'91 R: 4'96

**Rinse**
- 7 Rinse: $YR$
- 8 General Condition of the Points: $YR$

**Gage**
- 9 Heel of Switch: 51 1/8
- 10 Main: 51 7/8
- 11 Gage ahead of Bend: 51 7/8
  - Must not be less than 56 inches or more than 57 inches for "S"
- 12 Heel Spread in Inches: 51 7/8
- 13 Main: 51 7/8

**Stock Rail**
- 14 Bend: $YR$
- 15 Condition: $YR$

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

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

**Remarks on page 3**

**WO# 1155592 Page 1 of 3**

**Nelson Greenwood**

22 Standard Joints
- $YR N/A$

23 Switch Plates
- $YR$

24 Adjustable Braces
- $YR N/A$
- 24a Non-Adjustable Braces
  - SyR

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

30 Closure Rail
- $YR$

31 Surface of Switch
- $YR$
  - 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
- $YR$

33 Switch Adjustments
- Yes

34 Lubrication
- Ok

35 Switch Targets Lamps
- Ok Missing N/A

36 Latches
- Ok Broken Missing

37 Locks
- Ok Broken Missing

38 General Condition
- $YR$

39 Insulated Joints
- $YR$

39a Regular Joints
- $YR$

**END**
Mainline

<table>
<thead>
<tr>
<th>50 Location</th>
<th>North Ave. Yard N.E.</th>
</tr>
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<tbody>
<tr>
<td>50a Switch I.D.</td>
<td>1105</td>
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<tr>
<td>51 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>52 Frog Tread</td>
<td>N SY R</td>
</tr>
<tr>
<td>53 Frog #</td>
<td>SY R</td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td>SY R</td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>SY R</td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>SY R</td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>3 1/8</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>2 1/16</td>
</tr>
<tr>
<td>Flangeway Depth must not be less than 1 1/8</td>
<td></td>
</tr>
</tbody>
</table>

Gage

| 58 Main Track | 54 1/8 |
| 59 Turnout Track | 56 1/16 |

Gage must not be less than 56" any class

Guard Rails

| 60 Guard Rail Gage | N 54 1/8 R 54 1/8 |
| 61 Back To Back | N 54 1/8 R 54 1/8 |

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

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

Guard Rail Clamps

| 64 Main Track | SY R N/A |
| 65 Turnout Track | SY R N/A |

Class 1 Gage 56" to 57 1/4"

More than 57 1/4" Out of Service

Class 3 Gage 56" to 57"

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

Frog Inspection Report Semi-Annual

<table>
<thead>
<tr>
<th>Turnout Ties</th>
</tr>
</thead>
<tbody>
<tr>
<td>66 Condition</td>
</tr>
<tr>
<td>67 Rail Movement</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tie Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>68 Lead</td>
</tr>
<tr>
<td>69 Guard Rail Flangeway</td>
</tr>
<tr>
<td>Guard Rail Flangeway can not be less than 1 1/8</td>
</tr>
<tr>
<td>70 Guard Rail Plates</td>
</tr>
<tr>
<td>71 Frog Plates</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Rivets (Huck)</th>
</tr>
</thead>
<tbody>
<tr>
<td>75 Loose</td>
</tr>
<tr>
<td>76 Missing</td>
</tr>
<tr>
<td>77 Nuts Missing</td>
</tr>
<tr>
<td>78 Cotter Pins Missing</td>
</tr>
<tr>
<td>79 Washers (OK) Broken Missing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hold Down Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 SY R N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>81 SY R N/A</td>
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<table>
<thead>
<tr>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>82 SY R N/A</td>
</tr>
</tbody>
</table>

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

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

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: 10-13-21

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

Date 10/19/2013

Watchman GLAH

1 Location PEPPER RD
2 Switch ID # 887
3 Facing X Trailing

Rail Points
4 Point to Point 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 5/8 R 4 5/8
6a Point Opening N 4 7/8 R 4 7/8

7 Fit SYR
8 General Condition of the Points SYR

Gage
Heel of Switch
9 Main 3 3/8
10 Turnout 3 3/8
11 Gage ahead of Bend 3 3/16 Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
Turnout 3/8
13 Main 3/4

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

GMJR-11-10-2011
Mainline

Frog Inspection Report Semi-Annual

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

53 Frog # ½
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 ½
72 Flangeway Depth 1 5/16
Flangeway Depth must not be less than 1 ½"

Gage
58 Main Track 51 ½
59 Turnout Track 56 3/8
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 4 1/4 R 4 3/4
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 1/8 R 5 23/4
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 ½”
More than 57 ¼” 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
GM JC 11-10-2011

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

Tie Plates
68 Lead
S Y R N/A
69 Guard Rail Flangeway
S Y R N/A
Guard Rail Flangeway can not be less 1 ½"
70 Guard Rail 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

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

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

84 Condition of Line thru entire turnout
S Y R
No new defects noted.

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

Reviewed by: [Signature]  Date: 10-22-13

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

Date: 10/19/2013

Watchman: CLM

1 Location: WARRAN RD

2 Switch ID #: 760

3 Facing: X Trailing

Rail Points
4 Point to Point: 50 5/8
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

6a Point Opening: N 5 1/4 R 5 3/4

7 Fit: SYR

8 General Condition of the Points: SYR

Gage
Heel of Switch
9 Main: 50 1/2
10 Turnout: 50 7/8
11 Gage ahead of Bend: 50 1/2
Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches
Turnout: 9 1/4

13 Main: 6 7/8

Stock Rail
14 Bend: SYR
15 Condition: SYR

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

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

Remarks on page 3

WOW #12156230 Page 1 of 3

Inspection Crew: T. SCHISLER N. BRYANT

22 Standard Joints

23 Switch Plates

24 Adjustable Braces

24a Non-Adjustable Braces

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
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 # 62
54/79 Point Condition Y R
55 Condition of Frog Y R
56 Surface of Frog Y R

57 Throat in Inches 3/4
58 Flangeeway Depth

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

Gage
58 Main Track 5/3/8
59 Turnout Track 5/2 1/2

Gage must not be less than 56" any class

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

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

GM JC 11-10-2011
5 Loose Braces
1 Derail
Cracked Wing Rail 3" W x 1½" D
Battered Flange Point
Pitted Flange Point

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

Reviewed by: ___________________________ Date: 10-22-13

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

Date 10/19/2013
Watchman G Lam
1 Location Warren Rd
2 Switch ID # 74G
3 Facing Trailing

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

Gage
Heel of Switch 9 Main 3 1/2
10 Turnout 3 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 1/4
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 Ok Broken Missing

Remarks on page 3

WO# 1215302 Page 1 of 3

T. Schnitzer W. Byant

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

Switch Rods
25 Front Rod
$ Y R N/A
26 #1 Rod (Basket Rod)
$ Y R
27 #2 Rod
$ Y R
28 #3 Rod
$ Y R N/A
29 #4 Rod
$ Y R N/A
30 Closure Rail
$ Y R
31 Surface of Switch 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
Ok Broken Missing
37 Locks
Ok Broken Missing
38 General Condition
$ Y R
39 Insulated Joints
$ Y R
39a Regular Joints
$ Y R
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tr>
<td>50 Location</td>
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<tr>
<td>50a Switch I.D. #</td>
<td></td>
</tr>
<tr>
<td>51 Facing</td>
<td></td>
</tr>
<tr>
<td>52 Frog Tread</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>R</td>
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<td>53 Frog #</td>
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<tr>
<td>54/79 Point Condition</td>
<td>Y R</td>
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<td>55 Condition of Frog</td>
<td>Y R</td>
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<td>56 Surface of Frog</td>
<td>Y R</td>
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<tr>
<td>57 Throat in Inches</td>
<td>3 1/4</td>
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<td>72 Flangeway Depth</td>
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<td>Flangeway Depth must not be less than 1 1/4&quot;</td>
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<td>Gage</td>
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<tr>
<td>58 Main Track</td>
<td>S×5/8</td>
</tr>
<tr>
<td>59 Turnout Track</td>
<td>S×5/2</td>
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<tr>
<td>Gage must not be less than 56&quot; any class</td>
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<tr>
<td>Guard Rails</td>
<td></td>
</tr>
<tr>
<td>60 Guard Rail Gage</td>
<td>N S×4 3/4 R S×4 1/2</td>
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<tr>
<td>Guard Rail Gage must more than 54 3/8&quot;</td>
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<tr>
<td>61 Back To Back</td>
<td>N S×2 3/4 R S×2 3/4</td>
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<td>Back to Back Gage must be less than 53 1/8&quot;</td>
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<tr>
<td>62 Condition</td>
<td>Y R</td>
</tr>
<tr>
<td>63 Location of Guard Rail (Relation to Point)</td>
<td>Y R</td>
</tr>
<tr>
<td>Guard Rail Clamps</td>
<td></td>
</tr>
<tr>
<td>64 Main Track</td>
<td>Y R</td>
</tr>
<tr>
<td>65 Turnout Track</td>
<td>Y R</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
</tr>
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<tr>
<td>Class 1 Gage 56&quot; to 57 1/2&quot;</td>
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<td>More than 57 1/2&quot; Out of Service</td>
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<tr>
<td>Class 3 Gage 56&quot; to 57&quot;</td>
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<tr>
<td>More than 57&quot; to 57 1/2&quot; downgrade to</td>
<td></td>
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<tr>
<td>Class 2 and gets a Y</td>
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<tr>
<td>Remarks on page 3</td>
<td></td>
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</tbody>
</table>

GM JC 11-10-2011
Remarks

1. Dime size area breaking out of track area
2. Quarter size area breaking out of track area

#3 & #4 rods need to be dug out

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

Reviewed by: [Signature]
Date: 10-22-13

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

Date: 10/19/2013
Watchman: GLAM
1 Location: WARRREN RD
2 Switch ID #: 770
3 Facing: X Trailing

Rail Points
4 Point to Point: 51 1/8
5 Point Condition: $ Y R
6 Point Throw: Min 3 1/2 inches on house top point protected
   N: 4 9/16
   R: 4 3/4
6a Point Opening
   N: $ 3/4
   R: $ 3/4
7 Fit: $ Y R
8 General Condition of the Points: $ Y R

Gage
Heel of Switch
   9 Main: $ Y R
   10 Turnout: 56 1/8
   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 3/4
   13 Main: 6 3/4

Stock Rail
14 Bend
   15 Condition: $ Y R

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

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

Remarks on page 3

GMJC 11-10-2011

WO# 1215628

Inspection Crew: T SCHELER W BRYANT

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

Switch Rods
25 Front Rod
   $ Y R N/A
26 #1 Rod (Basket Rod)
   $ Y R
27 #2 Rod
   $ Y R
28 #3 Rod
   $ Y R N/A
29 #4 Rod
   $ Y R N/A
30 Closure Rail
   $ Y R
31 Surface of Switch
   $ Y R
   Using a 62’ cord, not over
   1” to 1 1/2” for a Y and no
   more than 1 1/2” to 1 3/4”
   For a R, Great than 13/4” is Out of Service
32 Head Block Ties
   $ Y R
33 Switch Adjustments
   Yes No
34 Lubrication
   Ok Dry
35 Switch Targets/Lamps
   Ok Missing N/A
36 Latches
   Ok Broken Missing
37 Locks
   Ok Broken Missing
38 General Condition
   $ Y R
39 Insulated Joints
   $ Y R
40 Regular Joints
   $ Y R
50 Location
50a Switch I.D. #
51 Facing Trailing
52 Frog Tread N Y R
R Y R
53 Frog # 54/79
54 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 56 1/4
59 Turnout Track 56 1/2
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage 54 3/8
61 Back To Back 52 3/4
Guard Rail Gage must more than 54 3/8"
Back to Back Gage must be less than 53 1/8"
62 Condition Y R
63 Location of Guard Rail (Relation to Point)
Y R
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
Guard Rail Flangeway can not be less 1 1/4"
70 Guard Rail Plates Y R N/A
71 Frog Plates Y R N/A

Bolts
73 Loose N/A
74 Missing N/A

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

Hold Down Devices
80 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
OMJC 11-10-2011
2. BAD TIMBER 14'

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

Reviewed by: [Signature] Date: 10-28-13

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

Date: 10/19/2012 Inspection Crew: 

Watchman: G. Ray
1 Location: G. Ray
2 Switch ID #: 8,37
3 Facing: Trailing 

Rail Points
4 Point to Point: 51½
5 Point Condition: S Y R
6 Point Throw: Min 3 1/2 inches on house top point protected
N: 4% R: 4%
6a Point Opening: N: S R: S

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

Gage
9 Main: 52½
10 Turnout: 52½
11 Gage ahead of Bend: 50½ S
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches: Turnout: 5½
13 Main: 6½

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

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, 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

Remarks on page 3

G. Ray 11-11-2012
50 Location
50a Switch I.D. #
51 Facing Trailing
52 Frog Tread N Y Y R
R Y Y R
53 Frog # 10
54/79 Point Condition Y Y R
55 Condition of Frog Y R
56 Surface of Frog Y Y R
57 Throat in Inches 3½
72 Flangeway Depth
Flangeway Depth must not be less than 1 ½"
Gage
58 Main Track 50 ½
59 Turnout Track 50 ½
Gage must not be less than 56” any class
Guard Rails
60 Guard Rail Gage N 54 3/4 54 3/4
Guard Rail Gage must more than 54 3/8" 61 Back To Back N 52 7/8 52 13/16
Back to Back Gage must be less than 53 1/8"
62 Condition Y Y R
63 Location of Guard Rail (Relation to Point) Y Y R
64 Guard Rail Clamps
65 Main Track Y R N/A
66 Turnout Track Y R N/A

| Turnout Ties |
| 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 1 ½ |
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 |
| 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 |
| 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
OMJC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]
Date: 10-22-13

11-10-2011