### Mainline Switch Inspection Report Semi-Annual

**Date:** 11-19-2013  
**Watchman:** D. Byrd  
**Location:** Fleishman's Vinegar  
**Switch ID #:** 23  
**Facing:** Trailing  
**Inspection Crew:** T. Schisler, W. Bryant

<table>
<thead>
<tr>
<th>Rail Points</th>
</tr>
</thead>
</table>
| 4 Point to Point | $\frac{5}{16}$  
| 5 Point Condition | S Y R  
| 6 Point Throw | Nothing less than 4 inches or greater than 5 inches.  
| Min 3 1/2 inches on house top point protected | N $\frac{4}{5}$, R $\frac{4}{6}$  
| 6a Point Opening | N $\frac{4}{5}$, R $\frac{4}{6}$  
| 7 Fit | S Y R  
| 8 General Condition of the Points | S Y R  

**Gage**

<table>
<thead>
<tr>
<th>Heel of Switch</th>
</tr>
</thead>
</table>
| 9 Main | $\frac{5}{16}$  
| 10 Turnout | $\frac{5}{16}$  
| 11 Gage ahead of Bend | $\frac{5}{16}$  
| Must not be less than 56 inches or more than 57 inches for “S” |  
| 12 Heel Spread in Inches | C/4  
| Turnout | C/4  
| 13 Main | C/4  

**Stock Rail**

<table>
<thead>
<tr>
<th>14 Bend</th>
</tr>
</thead>
</table>
| 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 | N/A  
| 20 Cotter Pins Missing | O N.A  
| 21 Jam Nuts Loose | O N/A  
| 21a Washers [Ok] | Broken Missing  

**Remarks on page 3**

| 22 Standard Joints | S Y R N/A  
| 23 Switch Plates | S Y R  
| 24 Adjustable Braces | S Y R N/A  
| 24a Non-Adjustable Braces | S Y R N/A  
| **Switch Rods** |  
| 25 Front Rod | S Y R N/A  
| 26 #1 Rod (Basket Rod) | S Y R  
| 27 #2 Rod | S Y R  
| 28 #3 Rod | S Y R N/A  
| 29 #4 Rod | S Y R N/A  
| 30 Closure Rail | S Y R  
| 31 Surface of Switch | S Y R  
| Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"  
| For a R, Great than 13/4" is Out of Service |  
| 32 Head Block Ties | S Y R  
| 33 Switch Adjustments | Yes [No]  
| 34 Lubrication | [Ok] [Dry]  
| 35 Switch Targets/Lamps | Ok Missing N/A  
| 36 Latches | [Ok] Broken Missing  
| 37 Locks | [Ok] Broken Missing  
| 38 General Condition | S Y R  
| 39 Insulated Joints | S Y R  
| 39a Regular Joints | S Y R  

GMJC 11-10-2011
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
3/4

72 Flangeway Depth
1 3/4

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

Gage
58 Main Track
S 3/4

59 Turnout Track
S 3/4

Gage must not be less than 56" any class

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

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

61 Back To Back
N S 3/4
R S 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

Turnout Ties
66 Condition
Y Y R N/A

67 Rail Movement
Y R N/A

Tie Plates
68 Lead
Y R N/A

69 Guard Rail Flangeway
Y R N/A

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

70 Guard Rail Plates
Y R N/A

71 Frog Plates
Y R N/A

Bolts
73 Loose
N/A

74 Missing
N/A

Rivets (Huck)
75 Loose
N/A

76 Missing
N/A

77 Nuts Missing
N/A

78 Cotter Pins Missing
N/A

79 Washers
Ok
Closed or 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

84 Condition of Line thru entire turnout
Y R

Remarks on page 3

GMJC 11-10-2011
1 - Bad 8'-6"
2 - Movement Ties - 14'

Timbers

Fire Hazard - Leaves PT Area

½" Gapped Straight 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: 11-23-13

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

Date: 11-19-2013

Watchman: D. Byrd

1 Location
2 Switch I.D. #: 3A2 1A
3 Facing: Trailing

Rail Points
4 Point to Point: 51 1/6
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: < 1/4
R: > 1/4

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

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

Remarks on page 3

WO# 1231691

Page 1 of 3

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

Switch Rods
25 #1 Rod (Basket Rod): SYR N/A
26 #1 Rod: SYR N/A
27 #2 Rod: SYR N/A
28 #3 Rod: SYR N/A
29 #4 Rod: SYR N/A
30 Closure Rail: SYR
31 Surface of Switch: SYR
Using a 62’ cord, not over 1” to 1 1/2” for a Y and no more than 1 1/2” to 1 3/4”
For a R, Great than 13/4” is Out of Service

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

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

Frog Inspection Report Semi-Annual

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 3/4
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 5/6” any class

Guard Rails
60 Guard Rail Gage N 3/4 R 3/8
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 3/8 R 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

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

Tie Plates
68 Lead
 Y R N/A
69 Guard Rail Flangeway
 Y R N 3/4 R 1/2
Guard Rail Flangeway can not be less 1 1/2”
70 Guard Rail Plates
 Y R N/A
71 Frog Plates
 Y R N/A

Bolts
73 Loose
74 Missing

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

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

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

Remarks on page 3

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

Reviewed by: ___________________________ Date: 11-23-13

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

Date 11-19-2013

Watchman D BYRD
Location Mt. Washington
Switch I D. # 342 1B
Facing Trailing

Rail Points
4 Point to Point 3/16
5 Point Condition
Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw. Min 3 1/2 inches on house top point protected
N 1/8 R 3/16
6a Point Opening
N 5/8 R 5/8

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

Gage
Heel of Switch
9 Main 3/16
10 Turnout 3/16
11 Gage ahead of Bend 3/16
Must not be less than 5/6 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout 6/8
13 Main 6/8

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 O Broken N/A

Remarks on page 3

WO# 1231823 Page 1 of 3

T SCHILKA W. BYRANT

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

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

Using a 62’ cord, not over 1” to 1 1/2” for a Y and no more than 1 1/2” to 1 3/4”
For a R, Greater than 13/4” is Out of Service
32 Head Block Ties
Y R
33 Switch Adjustments
Yes
34 Lubrication
Dry
35 Switch Targets/Lamps
Ok Missing
36 Latches
Ok Broken Missing
37 Locks
Ok Broken Missing
38 General Condition
Y R
39 Insulated Joints
Y R
39a Regular Joints
Y R
Mainline

50 Location
50a Switch I.D. # ____________________________

51 Facing [Trailing

52 Frog Tread N $ Y R
R $ Y R

53 Frog # 2

54/79 Point Condition $ Y R

55 Condition of Frog $ Y R

56 Surface of Frog $ Y R

57 Throat in Inches 3 1/4
72 Flangeway Depth $ 2

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

Gage
58 Main Track 51 1/4

59 Turnout Track 50 1/4

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 55 1/4 R 54 7/8

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 1/4 R 52 3/4

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

62 Condition $ Y R

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

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

65 Turnout Track $ Y R N/A

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

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

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

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

OM:JC 11-10-2011
FIRE HAZARD - LEAVES IN P/U AREA

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

Reviewed by: [Signature] Date: 11-23-13

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

Date: 11-19-2013

Watchman: O B YRD

1 Location: Control
2 Switch I.D. #: 124 1A
3 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 3/4
   R: 4 1/4
6a Point Opening
   N: S
   R: 5

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

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

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# 1251424 Page 1 of 3

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

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

31 Surface of Switch
   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

GMLJC 11-10-2011
Mainline

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

53 Frog # 10
54 Point Condition Y R
55 Condition of Frog Y R
56 Surface of Frog Y R

57 Throat in Inches 3
58 Flangeway Depth Y R
Flangeway Depth must be less than 1½"

59 Gage 56 5/8
Gage must not be less than 56” any class

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

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 ¼"
70 Guard Rail Plates Y R N/A
71 Frog Plates Y R N/A

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

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

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

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: 11-23-13

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

Date: 11-19-2013  Inspection Crew: SCHISLER, W. BRYANT

Watchman: D. BYRD

Location: MT. WASHINGTON

Switch I.D. #: 3423A

Facing: X. Trailing

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

Gage
Heel of Switch: 9 Main: 56 1/2
10 Turnout: 56 1/2
11 Gage ahead of Bend: 57 3/4
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: 9 1/4

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

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

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

Remarks on page 3

WO# 1231693  Page 1 of 3

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

Switch Rods
25 Front Rod
26 #1 Rod (Basket Rod)
27 #2 Rod
28 #3 Rod
29 #4 Rod
30 Closure Rail
31 Surface of Switch

Stock Rail
14 Bend
15 Condition

Bolts
16 Loose
17 Missing

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

Remarks on page 3
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 # 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

72 Flangeway Depth 2

Flangeway Depth must not be less than 1

Gage
58 Main Track 5

59 Turnout Track 5

Gage must not be less than 56" any class

Guards
60 Guard Rail Gage
N 4 3 R 4

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

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

62 Condition
S Y R

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

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

65 Turnout Track
S Y R N/A

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/2" downgrade to

Class 2 and gets a Y

Remarks on page 3

GMJC 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 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 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
Battered in Threat Area of Frog
Fire Hazard - SW Pt Area

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

Reviewed by: [Signature]  Date: 11-21-18

11-10-2011
Mainline | Switch Inspection Report Semi-Annual | WO# 125427 | Page 1 of 3
---|---|---|---
**Date**: 11-20-2013  
**Watchman**: R. Miller

<table>
<thead>
<tr>
<th>Location</th>
<th>Couvel</th>
<th>2 Switch I.D.</th>
<th>12438</th>
</tr>
</thead>
<tbody>
<tr>
<td>Face</td>
<td>Trailing</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

**Rail Points**

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

**Gage**

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

**Stock Rail**

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

**Bolts**

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

**Rivets (Huck Bolts)**

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

**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  
58 Main Track  3  
59 Turnout Track  3  
Gage must not be less than 36” any class  
59 R.  
59 Guard Rail Gage  N 3  R 3  
Guard Rail Gage must more than 54 3/8”  
61 Back To Back  N 3  R 3  
Back to Back Gage must be less than 53 1/8”  
62 Condition  Y R  
63 Location of Guard Rail (Relation to Point)  Y R  
Guard Rail Clamps  
64 Main Track  Y R N/A  
65 Turnout Track  Y R N/A  

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

Remarks on page 3  
GMJC 11-10-2011  

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

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

Guard Rail Flangeway can not be less 1 1/4”  
70 Guard Rail Plates  Y R N/A  
71 Frog Plates  Y R N/A  

Bolts  
73 Loose  N/A  
74 Missing  N/A  

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

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

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

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

Reviewed by: ___________________ Date: 11-22-13

11-10-2011
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Switch Inspection Report Semi-Annual</th>
<th>WO# 125141B</th>
<th>Page 1 of 3</th>
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<tbody>
<tr>
<td><strong>Watchman</strong></td>
<td><strong>Inspection Crew</strong></td>
<td><strong>R MILLER</strong></td>
<td><strong>T SMIALAY, W BRYANT</strong></td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td><strong>Location</strong></td>
<td><strong>Con Rail</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Switch I.D #</strong></td>
<td><strong>Facing</strong></td>
<td><strong>Trailing</strong></td>
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### Rail Points

<table>
<thead>
<tr>
<th>4 Point to Point</th>
<th>5 Point Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1/8</td>
<td>S Y R</td>
</tr>
</tbody>
</table>

Nothing less than 4 inches or greater than 5 inches.

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

<table>
<thead>
<tr>
<th>Heel of Switch</th>
<th>9 Main</th>
<th>10 Turnout</th>
</tr>
</thead>
<tbody>
<tr>
<td>S V/6</td>
<td>S V/6</td>
<td></td>
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</table>

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

<table>
<thead>
<tr>
<th>11 Gage ahead of Bend</th>
<th>12 Heel Spread in Inches</th>
<th>13 Main</th>
</tr>
</thead>
<tbody>
<tr>
<td>S V/6</td>
<td></td>
<td>O V/6</td>
</tr>
</tbody>
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### Stock Rail

<table>
<thead>
<tr>
<th>14 Bend</th>
<th>15 Condition</th>
</tr>
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<tbody>
<tr>
<td>S Y R</td>
<td>S Y R</td>
</tr>
</tbody>
</table>

### Bolts

<table>
<thead>
<tr>
<th>16 Loose</th>
<th>17 Missing</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Rivets (Huck Bolts)

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

<table>
<thead>
<tr>
<th>20 Cotter Pins Missing</th>
<th>21 Jam Nuts Loose</th>
<th>21a Washers</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>Broken</td>
</tr>
</tbody>
</table>

### Switch Rods

<table>
<thead>
<tr>
<th>25 Front Rod</th>
<th>26 #1 Rod (Basket Rod)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R N/A</td>
<td>S Y R</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>27 #2 Rod</th>
<th>28 #3 Rod</th>
<th>29 #4 Rod</th>
<th>30 Closure Rail</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R</td>
<td>S Y R N/A</td>
<td>S Y R N/A</td>
<td>S Y R</td>
</tr>
</tbody>
</table>

### Stock Rail

<table>
<thead>
<tr>
<th>31 Surface of Switch</th>
<th>32 Head Block Ties</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R</td>
<td>S Y R</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>33 Switch Adjustments</th>
<th>34 Lubrication</th>
<th>35 Switch Targets/Lamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes (Y)</td>
<td>Dry</td>
<td>Ok Missing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>36 Latches</th>
<th>37 Locks</th>
<th>38 General Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ok</td>
<td>Ok</td>
<td>S Y R</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>39 Insulated Joints</th>
<th>39a Regular Joints</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y R</td>
<td>S Y R</td>
</tr>
</tbody>
</table>
Mainline

50 Location
50a Switch I.D. #
51 Facing Trailing
52 Frog Tread N ¥ Y R
R ¥ Y R
53 Frog # 10
54/79 Point Condition ¥ Y R
55 Condition of Frog ¥ Y R
56 Surface of Frog ¥ Y R
57 Throat in Inches 3 1/4
72 Flangeway Depth
Flangeway Depth must not be less than 1 1/2" Gage
58 Main Track ¥ 3/16
59 Turnout Track ¥ 3/16
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N ¥ 3/4 R ¥ 1/2
Guard Rail Gage must more than 54 3/8"
61 Back To Back N ¥ 3/4 R ¥ 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

Frog Inspection Report Semi-Annual

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

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

Rivets (Huck)
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 ¥ N/A

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

83 Maximum difference in any 31" in Cross

Level on the siding from the Frog Point to 50' beyond the last long tie
(OK) Difference

84 Condition of Line thru entire turnout ¥ Y R

Remarks on page 3

OM:JC 11-10-2011
Remarks

Tie scar or Edge on Straight Move Wearing Hard
1/16" Gap in Avant Straight 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: ___________________________

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

Date 11-20-2013

Watchman R MILLER

1 Location COUNCIL
2 Switch I.D. # 124-3A
3 Facing __________ Trailing __________

Rail Points
4 Point to Point 51 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 4 1/8 R 4 3/8
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
Heel of Switch
9 Main 5 1/8
10 Turnout 5 1/8
11 Gage ahead of Bend 5 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
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

GMEC 11-16-2011

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

Switch Rods
25 Front Rod
S Y R N/A
26 #1 Rod (Basket Rod)
S Y R
27 #2 Rod
S Y R
28 #3 Rod
S Y R N/A
29 #4 Rod
S Y R N/A
30 Closure Rail
S Y R
31 Surface of Switch
S Y R
Using a 62' cord, not over 1” to 1 1/2” for a Y and no more than 1 1/2” to 1 3/4” For a R, Great than 13/4” is Out of Service
32 Head Block Ties
S Y R
33 Switch Adjustments
Yes No
34 Lubrication
Ok Dry
35 Switch Targets/Lamps
Ok Missing N/A
36 Latches
Ok Broken Missing
37 Locks
Ok Broken Missing
38 General Condition
S Y R
39 Insulated Joints
S Y R
39a Regular Joints
S Y R
50 Location
50a Switch I.D. #
51 Facing  
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 7/8
72 Flangeway Depth  2
Flangeway Depth must not be less than 1 1/2""

Gage
58 Main Track  2 7/8
59 Turnout Track  2 7/8
Gage must not be less than 56"" any class

Guard Rails
60 Guard Rail Gage  N  3 7/8  R  5 7/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back  N  2 7/8  R  2 7/8
Back to Back Gage must be less than 53 1/8"
62 Condition
    $  Y  R
63 Location of Guard Rail (Relation to Point)
    $  Y  R

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

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

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

Tie Plates
68 Lead
    $  Y  R  N/A
69 Guard Rail Flangeway
    $  Y  R  N  1 7/8  R  1 7/8
Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates
    $  Y  R  N/A
71 Frog Plates
    $  Y  R  N/A

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

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

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

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: 11-22-13

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

Date 11-20-2013
Watchman R MILLER
1 Location NORTH AVE
2 Switch ID # B3-3 (88-3)
3 Facing Trailing

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

Gage
10 Heel of Switch
11 Main 56 1/2
12 Turnout 36 7/8
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 3/4

Stock Rail
14 Bend
15 Condition
16 Loose O N/A
17 Missing O N/A

Bolts
18 Loose O N/A
19 Missing O N/A

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

Remarks on page 3

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

Switch Rods
25 Front Rod
26 #1 Rod (Basket Rod)
27 #2 Rod
28 #3 Rod
29 #4 Rod
30 Closure Rail
31 Surface of Switch
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
33 Switch Adjustments
34 Lubrication
35 Switch Targets/Lamps
36 Latches
37 Locks
38 General Condition
39 Insulated Joints
39a Regular Joints

Inspection Crew T SCHISLER W BRYANT

Dry
Ok Missing N/A
Broken Missing
Broken Missing

NYR
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
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<th>Details</th>
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<tbody>
<tr>
<td>50 Location</td>
<td></td>
</tr>
<tr>
<td>50a Switch I.D. #</td>
<td></td>
</tr>
<tr>
<td>51 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>52 Frog Tread</td>
<td>N: Y R, R: Y R</td>
</tr>
<tr>
<td>53 Frog #</td>
<td></td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td>S: Y R</td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>S: Y R</td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>S: Y R</td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>3 3/4</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td></td>
</tr>
<tr>
<td><strong>Flangeway Depth must not be less than 1 1/2&quot;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Gage</strong></td>
<td></td>
</tr>
<tr>
<td>58 Main Track</td>
<td>5/6</td>
</tr>
<tr>
<td>59 Turnout Track</td>
<td>5/6</td>
</tr>
<tr>
<td><strong>Gage must not be less than 56&quot; any class</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Guard Rails</strong></td>
<td></td>
</tr>
<tr>
<td>60 Guard Rail Gage</td>
<td>N: 3 1/4, R: 3 1/2</td>
</tr>
<tr>
<td><strong>Guard Rail Gage must more than 54 3/8&quot;</strong></td>
<td></td>
</tr>
<tr>
<td>61 Back To Back</td>
<td>N: 52 3/4, R: 52 3/4</td>
</tr>
<tr>
<td><strong>Back to Back Gage must be less than 53 1/8&quot;</strong></td>
<td></td>
</tr>
<tr>
<td>62 Condition</td>
<td>S: Y R</td>
</tr>
<tr>
<td>63 Location of Guard Rail (Relation to Point)</td>
<td>S: Y R</td>
</tr>
<tr>
<td><strong>Guard Rail Clamps</strong></td>
<td></td>
</tr>
<tr>
<td>64 Main Track</td>
<td>S: Y R N/A</td>
</tr>
<tr>
<td>65 Turnout Track</td>
<td>S: Y R N/A</td>
</tr>
</tbody>
</table>

**Class 1 Gage 56" to 57 1/2"**

**More than 57 1/2" Out of Service**

**Class 3 Gage 56" to 57"**

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

**Remarks on page 3**

GM:JC 11-10-2011
Remarks

Consider: Adjustable Braces - Need to Replace
Side wrench on free

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

Reviewed by: [Signature] Date: 11-22-13

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

**Date:** 11-20-2013  
**Watchman:** R MILLER  
**Inspection Crew:** T Seisler W BRYANT

**Rail Points**
- 4 Point to Point: 81%  
- 5 Point Condition: (S) Y R  
- Point Throw: Min 3 1/2 inches on house top point protected: N, 43%, R, 43%  
- 6a Point Opening: N, 43%, R, 43%  
- 7 Fit: (S) Y R  
- 8 General Condition of the Points: (S) Y R

**Gage**
- Heel of Switch: 9 Main: 57.24%  
- 10 Turnout: 57.24%  
- 11 Gage ahead of Bend: 56%  
- Must not be less than 56 inches or more than 57 inches for "S"  
- 12 Heel Spread in Inches: Turnout: 4.24%  
- 13 Main: 4.24%

**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: N/A  
- 21 Jam Nuts Loose: 0, N/A  
- 21a Washers: Ok, Broken, Missing

**Remarks on page 3**

(VMJC 11-10-2011)
Mainline

50 Location
50a Switch I.D. #
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog # ©
54/79 Point Condition
(S Y R
55 Condition of Frog
(S Y R
56 Surface of Frog
(S Y R
57 Throat in Inches ≥ 4
72 Flangeway Depth ≤ 6
Flangeway Depth must not be less than 1 ½"

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

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

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

80 Hold Down Devices
(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
<table>
<thead>
<tr>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sign store on Point</td>
</tr>
<tr>
<td>Mitred Throat Area</td>
</tr>
<tr>
<td>Wear Point</td>
</tr>
<tr>
<td>1/6&quot; x 1/8&quot; x 1/4&quot; D</td>
</tr>
</tbody>
</table>

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

Reviewed by: [Signature] Date: 11-28-13

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

<table>
<thead>
<tr>
<th>Date</th>
<th>11-20-2013</th>
</tr>
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<tbody>
<tr>
<td>Location</td>
<td>NORTH AVE</td>
</tr>
<tr>
<td>Switch I.D. #</td>
<td>831A</td>
</tr>
<tr>
<td>Facing</td>
<td>X Trailing</td>
</tr>
</tbody>
</table>

#### Rail Points

| Point to Point | 5/12 |
| Point Condition: | (S) Y R |
| Nothing less than 4 inches or greater than 5 inches | |
| Point Throw | Min 3 1/2 inches on house top point protected |
| N | 4% |
| R | 7% |
| Point Opening | N 5 R 5 |

#### Gage

| Heel of Switch | 5/4 |
| Turnout        | 5/4 |
| Gage ahead of Bend | 3/4 |

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

#### Stock Rail

| Bend | (S) Y R |
| Condition | (S) Y R |

#### Bolts

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

#### Rivets (Huck Bolts)

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

#### Switch Rods

| Front Rod | (S) Y R N/A |
| #1 Rod (Basket Rod) | (S) Y R |
| #2 Rod | (S) Y R |
| #3 Rod | (S) Y R N/A |
| #4 Rod | (S) Y R N/A |
| Closure Rail | (S) Y R |
| 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 |

#### Remarks on page 3

(WO# 1246416)
Mainline

Frog Inspection Report Semi-Annual

50 Location __________________________
50a Switch I.D. # ______________________
51 Facing ____________________________
52 Frog Tread N  S Y R  R  S Y R
53 Frog # 6
54/79 Point Condition  S Y R
55 Condition of Frog  S Y R
56 Surface of Frog  S Y R

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

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

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

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

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

Remains 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/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  O N/A
74 Missing  O N/A

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

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

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

84 Condition of Line thru entire turnout  S Y R

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

Reviewed by: [Signature]  Date: 11-12-13

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

**WO# 1246660**

<table>
<thead>
<tr>
<th>Date</th>
<th>11-20-2013</th>
</tr>
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<tbody>
<tr>
<td>Watchman</td>
<td>R. Miller</td>
</tr>
<tr>
<td>1 Location</td>
<td>North Ave.</td>
</tr>
<tr>
<td>2 Switch I.D. #</td>
<td>883B</td>
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<tr>
<td>3 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td><strong>Rail Points</strong></td>
<td></td>
</tr>
<tr>
<td>4 Point to Point</td>
<td>51 3/8</td>
</tr>
<tr>
<td>5 Point Condition</td>
<td>S 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>6a Point Opening</td>
<td>N 4 1/4 R 4 1/4</td>
</tr>
<tr>
<td>7 Fit</td>
<td>S Y R</td>
</tr>
<tr>
<td>8 General Condition of the Points</td>
<td>S Y R</td>
</tr>
<tr>
<td><strong>Gage</strong></td>
<td></td>
</tr>
<tr>
<td>9 Main</td>
<td>5 3/8</td>
</tr>
<tr>
<td>10 Turnout</td>
<td>50 3/8</td>
</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>50 3/8</td>
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<tr>
<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
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</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td></td>
</tr>
<tr>
<td>Turnout</td>
<td>0 3/8</td>
</tr>
<tr>
<td>13 Main</td>
<td>6 7/8</td>
</tr>
</tbody>
</table>

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

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

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

| **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
- 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 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**

GMIC 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
   S Y R
55 Condition of Frog
   S Y R
56 Surface of Frog
   S Y R

57 Throat in Inches $3/4$
58 Flangeway Depth $1 \frac{1}{8}$

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

Gage
58 Main Track $5\frac{5}{8}$
59 Turnout Track $5\frac{7}{8}$

Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage
   N $4 \frac{1}{8}$
   R $5 \frac{1}{8}$

Guard Rail Gage must more than 54 3/8”
61 Back To Back
   N $5 \frac{1}{8}$
   R $5 \frac{3}{8}$

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

Reviewed by: [Signature]  Date: 11-22-13

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

Date 11-20-2013 Inspection Crew T. SCHISLER W. BRYANT

Watchman R. MILLER

1 Location NORTH AVE
2 Switch I.D. # 28 3A
3 Facing X Trailing

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

Stock Rail
14 Bend
[ ] Y R
15 Condition
[ ] Y R

Bolts
16 Loose [ ] N/A
17 Missing [ ] N/A

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

Remarks on page 3

WO# 1246658 Page 1 of 3

22 Standard Joints [ ] Y R N/A
23 Switch Plates [ ] Y R
24 Adjustable Backs [ ] Y R N/A
24a Non-Adjustable Backs [ ] Y R N/A

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

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location
50a Switch I.D. # __________

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

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

57 Throat in Inches 3 1/4
72 Flangeway Depth 1 7/8
Flangeway Depth must not be less than 1 1/2”

Gage
58 Main Track 5 1/4
59 Turnout Track 5 1/4

Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 54 4/8  R 52 3/8

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

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 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 1/2” 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  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

Remarks on page 3

GMJC 11-10-2011
Remarks

CV WORN POINT (CV PT)
LEAVES IN PT AREA - FIRE HAZARD
MISMATCHED WOOD FROG (MAINLINE SIDE) ALSO CHIPPED
SIDEWAY FROG + THREAT
PITTED FROG Venom.


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

S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 11-28-13

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

Date: 11-20-2013
Watchman: R. Miller
Location: NORTH AVE
Switch I.D. #: G1-1
Facing: Trailing

Rail Points
4 Point to Point: S1 3/4
5 Point Condition: Y R
6 Point Throw: Min 3 1/2 inches on house top point protected
6a Point Opening: N 4 3/8 R 5
7 Fit: Y R
8 General Condition of the Points: Y R

Gage
9 Heel of Switch: 56 3/4
10 Turnout: 56 3/4
11 Gage ahead of Bend: 56 3/4
Must not be less than 56 inches or more than 57 inches for “S”

Heel Spread in Inches
Turnout: 6 1/4

Main: 6 1/4

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

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

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

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

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

Remarks on page 3
GMC 11-11-2011
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location
50a Switch I.D. #

51 Facing
Trailing

52 Frog Tread
N  § Y R
R  § Y R

53 Frog # 6

54/79 Point Condition
§ Y R

55 Condition of Frog
§ Y R

56 Surface of Frog
§ Y R

57 Throat in Inches 3 ½
72 Flangeway Depth ½

Flangeway Depth must not be less than 1 ½" Gage

58 Main Track ¾ ¾
59 Turnout Track ¾ ¾

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N ½ ¾ ¼ R ½ ¾

Guard Rail Gage must more than 54 3/8"

61 Back To Back N ½ ¾ R ½ ¾

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

62 Condition
§ Y R

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

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

Class 1 Gage 56” to 57 ½”
More than 57 ½” Out of Service

Class 3 Gage 56” to 57”
More than 57” to 57 ½” downgrade to Class 2 and gets a Y

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

Guard Rail Flangeway can not be less i ½”

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 1 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
Pitted + Battered Trough
Battered Rail
CV Close-up + Point Starting to Wobble


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

Reviewed by: [Signature]

Date: 11-30-15

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

Date 11-20-2013
Watchman R. MILLER
1 Location NORTH AVE
2 Switch I.D. # 91-3
3 Facing Trailing

Rail Points
4 Point to Point 15
5 Point Condition
S Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw Min 3 1/2 inches on house top point protected
N 4 1/2 R 4 1/2
6a Point Opening
N S R S
7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
Heel of Switch
9 Main 5 1/4
10 Turnout 8 3/4
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
Turnout 8
13 Main 7 1/4

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

Bolts
16 Loose N/A
17 Missing N/A

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

Remarks on page 3

WO# 1251428 Page 1 of 3

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

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

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

**Frog Inspection Report Semi-Annual**

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

**Gage**

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

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

**Guard Rails**

<table>
<thead>
<tr>
<th>Item</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>60 Guard Rail Gage N</td>
<td>R</td>
</tr>
<tr>
<td>Back to Back Gage</td>
<td>Y R</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Status</th>
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<tbody>
<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>
</tbody>
</table>

**Guard Rail Clamps**

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

**Turnout Ties**

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

**Tie Plates**

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

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

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

**Bolts**

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

**Rivets (Huck)**

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

**80 Hold Down Devices**

<table>
<thead>
<tr>
<th>Item</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>81 Spring Housing</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>82 Derails</td>
<td>Y R 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**

<table>
<thead>
<tr>
<th>Item</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>83 Maximum Difference</td>
<td></td>
</tr>
</tbody>
</table>

**84 Condition of Line thru entire turnout**

<table>
<thead>
<tr>
<th>Item</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>84 Condition of Line thru entire turnout</td>
<td>Y R</td>
</tr>
</tbody>
</table>
7'- 2 1/2'' ties
Leaves Point Area - Fire Hazara
Cv' At shoaling side work
10' x 10' Rs Structure Base #10
Pitted point (F105)
Side work fiber
Guards rail, Turnouts side fitting plates

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

Reviewed by: [Signature] Date: 11-22-13

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

Date 11-20-2013
Watchman R MILLER

Location NORTH AVE

Switch I.D. # 88-1

Facing Trailing

Rail Points
4 Point to Point 51 3/4
5 Point Condition
$ Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw Min 3 1/2 inches on house top point protected
N 4/16 R 4/16
6a Point Opening
N 4/16 R 4/16

7 Fit
$ Y R

8 General Condition of the Points
$ Y R

Gage
Heel of Switch
9 Main $ 5/8
10 Turnout $ 5/8
11 Gage ahead of Bend $ 5/8
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
Turnout 6/16

Main 6/16

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

WO# 1246-56

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

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

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

50 Location
50a Switch I.D. #
51 Facing 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 3/8

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

Gage
58 Main Track 5 3/8
59 Turnout Track 5 3/4
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N ☑ 5 3/8 R ☑ 5 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N ☑ 5 3/8 R ☑ 5 3/8
Back to Back Gage must be less than 53 1/8"

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

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Frog Inspection Report Semi-Annual

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

Tie Plates
68 Lead ☑ Y R N/A
69 Guard Rail Flangeway ☑ Y R N/A 1 3/8 ☑
Guard Rail Flangeway can not be less 1 1/4"
70 Guard Rail Plates ☑ Y R N/A
71"F'g' Plate ☑ 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
70 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
Battersea 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: 11-22-13

11-10-2011