**Switch Inspection Report / Semi-Annual**

<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>WO #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td>7/11/2014</td>
<td>Inspection Crew</td>
<td>Ballard Sell Alchin</td>
<td></td>
</tr>
</tbody>
</table>

### Switch Inspection Details

**1 Location**

2 Switch I.D. #

3 Facing

4 Rail Points
   - Point to Point

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 protector
   - N Y R

7 Point Opening
   - N Y R

8 Fit
   - S Y R

9 General Condition of the Points
   - S Y R

10 Gage
   - Heel of Switch
     - Main
     - Turnout
   - Gage ahead of Bend

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

12 Heel Spread in Inches
   - a) Turnout
   - a) Main

13 Stock Rail
   - Bend
   - Condition

14 Bolts
   - 15 Loose
   - 16 Missing

15 Rivets (Huck Bolts)
   - 17 Loose
   - 18 Missing

16 Cotter Pins missing
   - Jam Nuts Loose

21 Washers
   - OK Broken

### Remarks on Page 3

JBW/WEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

Mainline 1 2 Yard ______________ Well

Date: 9-11-2014 Inspection Crew: _____________________________

WO # 1530394

1 Location
2 Switch I.D. # 01259
3 Facing Trailing
44 Frog Tread N S Y R R S Y R
45 Frog # 8
46 Frog Point Condition
S Y R
47 Condition of Frog
S Y R
48 Surface of Frog
S Y R
49 Throat in Inches 3 3/8
50 Flangeway Depth 1 1/2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 1/2
52 Turnout Track 56 1/2
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 5/8 R 54 7/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 5/8 R 52 9/8
Back to Back must be less than 53 1/8"

54 Condition
S Y R
55 Location of Guard Rail (Relation to Point)
S Y R
Guard Rail Clamps
56 Main Track
S Y R
57 Turnout Track
S Y R

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

Turnout Ties
58 Condition
S Y R
59 Rail Movement
S Y R

Tie Plates
60 Lead
S Y R
61 Guard Rail Flangeway
S Y R N 1 1/8 R 2
Guard Rail Flangeway can not be less than 1 1/2"
62 Guard Rail Plates
S Y R
63 Frog Plates
S Y R

Bolts
64 Loose 0 N/A
65 Missing 0 N/A

Rivets (Huck)
66 Loose
67 Missing
68 Nuts Missing
69 Cotter Pins Missing
70 Washers OK Broken Missing

71 Hold Down Devices
S Y R N/A
72 Spring Housing
S Y R N/A
73 Derails
S Y R N/A

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

75 Condition of Line thru entire turnout
S Y R

Remarks on page 3
Switch C129  WO # 1530399  Date 7-11-2014

Switch inspection complete

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S  All items inspected are in compliance

Y  Attention needed

R  Immediate attention required or Out of Service

N/A  Not Applicable or not measurable

Reviewed by:  [Signature]  Date:  7-14-14
<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>Inspection Crew</th>
<th>WO #</th>
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</thead>
<tbody>
<tr>
<td>Date:</td>
<td>7-11-2014</td>
<td>Pollard Sell Alchin</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Rail Points**
4 Point to Point: 51
5 Point Condition: CYR
6 Point Throw, nothing less than 4 inches or greater than 6 inches, Min 3 1/2 inches on house top point protector
7 Point Opening: NYR
8 Fit: CYR
9 General Condition of the Points: CYR

**Gage**
10 Heel of Switch: Main 56 3/4, Turnout 56 1/4
11 Gage ahead of Bend: 56 3/4
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
a) Turnout: 6 3/4
b) Main: 6 3/4

**Stock Rail**
13 Bend: CYR
14 Condition: CYR

**Bolts**
15 Loose: N/A
16 Missing: N/A

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

**Switch Rods**
22 Standard Joints: SYR N/A
23 Switch Plates: SYR N/A
24 Adjustable Brace: SYR N/A
25 Non-Adjustable Brace: SYR N/A

**Switch Rods**
26 Front Rod: SYR N/A
27 #1 Rod (Basket Rod): SYR N/A
28 #2 Rod: SYR N/A
29 #3 Rod: SYR N/A
30 #4 Rod: SYR N/A
31 Closure Rail: SYR N/A
32 Surface of Switch: SYR N/A
Using a 62’ cord
S= Up to 1” Max allowed Speed
Y= 1” to 1 1/2” 40 MPH
R= 1 1/2” to 1 3/4” 12 MPH
Greater than 1 3/4” = Out of Service

**Remarks on Page 3**
JBW/WEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

Mainline 1 2 Yard Cromwell WO # ____________

Date: 7-11-2014 Inspection Crew: Pollard, Sell, Alchin

1 Location
2 Switch I.D. # 11
3 Facing Trailing
44 Frog Tread N SYR SYR
45 Frog # 16
46 Frog Point Condition SYR
47 Condition of Frog SYR
48 Surface of Frog SYR

49 Throat in Inches 3 1/2
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 1/2
52 Turnout Track 56 1/2
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 1/2 R 54 1/2
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 1/2 R 52 1/2
Back to Back must be less than 53 1/8"

54 Condition SYR
55 Location of Guard Rail (Relation to Point) SYR

Guard Rail Clamps
56 Main Track SYR
57 Turnout Track SYR

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

Bolts
64 Loose 0 N/A
65 Missing 0 N/A

Rivets (Huck)
66 Loose 0 N/A
67 Missing 0 N/A
68 Nuts Missing N/A
69 Cotter Pins Missing N/A
70 Washers OK Broken Missing

71 Hold Down Devices SYR N/A
72 Spring Housing SYR N/A
73 Derails SYR N/A

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

75 Condition of Line thru entire turnout SYR

Remarks on page 3
Switch DWY 21 WO # 1261769 Date

Switch inspection complete

---

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable

Reviewed by: [Signature] Date: 7-14-14
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<tr>
<th>Mainline</th>
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<th>Yard</th>
<th>WO #</th>
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<td></td>
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<th>Inspection Crew</th>
<th>Pollard, Seif, Albin</th>
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<table>
<thead>
<tr>
<th>1 Location</th>
<th>2 Switch I.D. #</th>
<th>3 Facing</th>
<th>Rail Points</th>
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<td></td>
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<td></td>
<td>4 Point to Point</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>5 Point Condition</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6 Point Throw, nothing less than 4 inches or greater than 5 inches. Min 3 1/2 inches on house top point protector</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>7 Point Opening</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>8 Fit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>9 General Condition of the Points</td>
</tr>
<tr>
<td>Gage</td>
<td></td>
<td></td>
<td>10 Heel of Switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1) Main</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2) Turnout</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>11 Gage ahead of Bend</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Must not be less than 56 inches or more than 57 inches for &quot;S&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>12 Heel Spread in Inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>a) Turnout</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>a) Main</td>
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<th>13 Bend</th>
<th>14 Condition</th>
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<tbody>
<tr>
<td></td>
<td>S Y R</td>
<td>S Y R</td>
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<table>
<thead>
<tr>
<th>Bolts</th>
<th>15 Loose</th>
<th>16 Missing</th>
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<td></td>
<td>N/A</td>
<td>N/A</td>
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<table>
<thead>
<tr>
<th>Rivets (Huck Bolts)</th>
<th>17 Loose</th>
<th>18 Missing</th>
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<tr>
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<td>N/A</td>
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<table>
<thead>
<tr>
<th>Cotter Pins missing</th>
<th>Jam Nuts Loose</th>
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<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
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<table>
<thead>
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<th>Washers</th>
<th>21</th>
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<tbody>
<tr>
<td>OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Broken</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Missing</td>
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<th>Remarks on Page 3</th>
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<tr>
<td>JBW/WEM Mod. 09-15-08</td>
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<th>Switch Rods</th>
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<tbody>
<tr>
<td>26 Front Rod</td>
</tr>
<tr>
<td>27 #1 Rod (Basket Rod)</td>
</tr>
<tr>
<td>28 #2 Rod</td>
</tr>
<tr>
<td>29 #3 Rod</td>
</tr>
<tr>
<td>30 #4 Rod</td>
</tr>
<tr>
<td>31 Closure Rail</td>
</tr>
<tr>
<td>32 Surface of Switch</td>
</tr>
<tr>
<td>Using a 62' cord</td>
</tr>
<tr>
<td>S= Up to 1&quot; Max allowed Speed</td>
</tr>
<tr>
<td>Y= 1&quot; to 1 1/2&quot; 40 MPH</td>
</tr>
<tr>
<td>R= 1 1/2&quot; to 1 3/4&quot; 12 MPH</td>
</tr>
<tr>
<td>Greater than 1 3/4&quot; = Out of Service</td>
</tr>
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<table>
<thead>
<tr>
<th>33 Head Block ties</th>
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</tr>
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<tbody>
<tr>
<td>S Y R</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>34 Switch Adjustments</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>35 Lubrication</th>
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<tbody>
<tr>
<td>OK Dry</td>
<td></td>
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<table>
<thead>
<tr>
<th>36 Switch Target / Lamps</th>
<th>OK</th>
<th>Missing</th>
<th>N/A</th>
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<table>
<thead>
<tr>
<th>37 Latches</th>
<th>OK</th>
<th>Broken</th>
<th>Missing</th>
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<table>
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<tr>
<th>38 Locks</th>
<th>OK</th>
<th>Broken</th>
<th>Missing</th>
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<table>
<thead>
<tr>
<th>39 General Condition</th>
<th>S Y R</th>
<th></th>
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<table>
<thead>
<tr>
<th>40 Insulated Joints</th>
<th>S Y R</th>
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</tr>
</thead>
</table>
Frog Inspection Report / Semi-Annual

Mainline: 1  2  Yard: Cromwell  WO #: 1530337

Date: 7-11-2014  Inspection Crew: Rolland Sell A1

1 Location
2 Switch I.D. #
3 Facing  Trailing
44 Frog Tread  N  S  Y  R  R  S  Y  R
45 Frog #  6
46 Frog Point Condition  S  Y  R
47 Condition of Frog  S  Y  R
48 Surface of Frog  S  Y  R
49 Throat in Inches  3 3/8
50 Flangeway Depth  1 3/4

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

Gage
51 Main Track  56 7/8
52 Turnout Track  56 7/8
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage  N  54 5/8  R  54 1/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back  N  53 1/8  R  52 3/4
Back to Back must be less than 53 1/8"

54 Condition  S  Y  R
55 Location of Guard Rail (Relation to Point)  S  Y  R

Guard Rail Clamps
56 Main Track  S  Y  R
57 Turnout Track  S  Y  R

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

Turnout Ties
58 Condition  S  Y  R
59 Rail Movement  S  Y  R

Tie Plates
60 Lead  S  Y  R
61 Guard Rail Flangeway  S  Y  R
   Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates  S  Y  R
63 Frog Plates  S  Y  R

Bolts
64 Loose  0  N/A
65 Missing  0  N/A

Rivets (Huck)
66 Loose  0  N/A
67 Missing  0  N/A
68 Nuts Missing  0  N/A
69 Cotter Pins Missing  N/A
70 Washers  OK  Broken  Missing

71 Hold Down Devices  S  Y  R  N/A
72 Spring Housing  S  Y  R  N/A
73 Derails  S  Y  R  N/A

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

75 Condition of Line thru entire turnout  S  Y  R

Remarks on page 3
Switch CW 16  WO # 1530331  Date 7-11-2014

Switch inspection complete

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S  All items inspected are in compliance

Y  Attention needed

R  Immediate attention required or Out of Service

N/A  Not Applicable or not measurable

Reviewed by:  

Date: 7-14-14
Switch Inspection Report / Semi-Annual  

Mainline 1  2  Yard Glenmoor  WO # 1530335  
Date: 7-11-2014  Inspection Crew Rolland Selby, Michael  

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

Rail Points  
4 Point to Point 5 3/4  
5 Point Condition  
6 Point Throw, nothing less than 4 inches or greater than 5 inches. Min 3 1/2 inches on house top point protector  
7 Point Opening  
8 Fit  
9 General Condition of the Points  

Gage  
10 Heel of Switch  
11 Gage ahead of Bend  
Must not be less than 56 inches or more than 57 inches for "S"  
12 Heel Spread in Inches  
a) Turnout  
b) Main  

Stock Rail  
13 Bend  
14 Condition  

Bolts  
15 Loose N/A  
16 Missing N/A  

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

Remarks on Page 3  
JBW/WEM Mod. 09-15-08
1 Location
2 Switch I.D. # 51
3 Facing Trailing
44 Frog Tread N SY R
R SY R
45 Frog # 6
46 Frog Point Condition SY R
47 Condition of Frog SY R
48 Surface of Frog SY R
49 Throat in Inches 3 2/8
50 Flangeway Depth Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 7/8
Turnout Track 56 7/8
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 5/8 R 54 3/4
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 3/4 R 52 3/4
Back to Back must be less than 53 1/8"

54 Condition SY R
55 Location of Guard Rail (Relation to Point) SY R

Guard Rail Clamps
56 Main Track SY R
57 Turnout Track SY 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

Turnout Ties
58 Condition SY R
59 Rail Movement SY R

 Tie Plates
60 Lead SY R
61 Guard Rail Flangeway SY R N 1 3/4 R 1 3/4
Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates SY R
63 Frog Plates SY R

Bolts
64 Loose 0 N/A
65 Missing 0 N/A

Rivets (Huck)
66 Loose 0 N/A
67 Missing 0 N/A
68 Nuts Missing 0 N/A
69 Cotter Pins Missing N/A
70 Washers OK Broken Missing

71 Hold Down Devices SY R N/A
72 Spring Housing SY R N/A
73 Derails SY R N/A

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

75 Condition of Line thru entire turnout SY R

Remarks on page 3
Switch CW 15 WO # 1530335 Date 7-11-2014

3/16 inch gap in point

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable

Reviewed by: [Signature] Date: 7-14-14
Mainline  1  2  Yard  Clinton-Well   WO # 1530269
Date:  7-11-2014  Inspection Crew Ballard-Sell-Alchin

1 Location
2 Switch I.D. # Qinj 13
3 Facing Trailing

Rail Points
4 Point to Point 51 28
5 Point Condition SY R
6 Point Throw, nothing less than 4 inches or greater than 5 inches. Min 3 1/2 inches on house top point protector

7 Point Opening
N 4 4/4 R 4 4/4
N 4 5/8 R 4 5/8

8 Fit SY R
9 General Condition of the Points SY R

Gage
10 Heel of Switch
Transition 5.6 2/16
11 Gage ahead of Bend 5.6 3/8

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

12 Heel Spread in Inches
a) Transition 6 1/2
b) Main 6 3/8

Stock Rail
13 Bend SY R
14 Condition SY R

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

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

Switch Rods
22 Standard Joints SY R N/A
23 Switch Plates SY R N/A
24 Adjustable Braces SY R N/A
25 Non-Adjustable Braces SY R N/A

26 Front Rod SY R N/A
27 #1 Rod (Basket Rod) SY R N/A
28 #2 Rod SY R N/A
29 #3 Rod SY R N/A
30 #4 Rod SY R N/A
31 Closure Rail SY R N/A
32 Surface of Switch SY R N/A
Using a 62' cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service
33 Head Block ties SY R
34 Switch Adjustments Yes No
35 Lubrication OK Dry
36 Switch Target / Lamps OK Missing N/A
37 Latches OK Broken 0 Missing
38 Locks OK Broken 0 Missing
39 General Condition SY R
40 Insulated Joints SY R

Remarks on Page 3
JW/MEM Mod. 09-15-08
Date: 7-11-2014  Inspection Crew: 

Mainline 1 2 Yard  

1 Location  
2 Switch I.D. #  
3 Facing Trailing  
44 Frog Tread N SY R  
45 Frog #  
46 Frog Point Condition E SY R  
47 Condition of Frog E SY R  
48 Surface of Frog E SY R  
49 Throat in Inches 3 1/2  
50 Flangeway Depth 1 1/8  Flangeway Depth must not be less than 1 1/2"  

Gage  
51 Main Track 56 7/16  
52 Turnout Track 56 7/16  Gage must not be less than 56" any Class  

Guard Rails  
53 Guard Rail Gage N 54 3/8 R 54 3/8  Guard Rail Gage must be less than 54 3/8"  
54 Back to Back N 54 3/8 R 54 3/8  Back to Back must be less than 53 1/8"  

45 Condition E SY R  
55 Location of Guard Rail (Relation to Point) E SY R  

Guard Rail Clamps  
56 Main Track E SY R  
57 Turnout Track E SY 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  

Turnout Ties  
58 Condition E SY R  
59 Rail Movement E SY R  

Tie Plates  
60 Lead E SY R  
61 Guard Rail Flangeway E SY R N 1 3/4 R 3/4  Guard Rail Flangeway can not be less 1 1/2"  

62 Guard Rail Plates E SY R  
63 Frog Plates E SY R  

Bolts  
64 Loose 0 N/A  
65 Missing 0 N/A  

Rivets (Huck)  
66 Loose 0 N/A  
67 Missing 0 N/A  
68 Nuts Missing 0 N/A  
69 Cotter Pins Missing N/A  
70 Washers OK Broken Missing  

71 Hold Down Devices E SY R N/A  
72 Spring Housing E SY R N/A  
73 Derails E SY R N/A  

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

75 Condition of Line thru entire turnout E SY R  

Remarks on page 3
Switch CW13  WO # 1530269  Date 7-11-2014

Switch inspection complete

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S  All items inspected are in compliance

Y  Attention needed

R  Immediate attention required or Out of Service

N/A  Not Applicable or not measurable

Reviewed by:   Date:  7-14-14
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<thead>
<tr>
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<th>Notes</th>
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<tbody>
<tr>
<td>1 Location</td>
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<tr>
<td>2 Switch I.D. #</td>
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<tr>
<td>3 Facing</td>
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<tr>
<td>4 Point to Point</td>
<td>52</td>
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<tr>
<td>5 Point Condition</td>
<td>S Y R</td>
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<tr>
<td>6 Point Throw, nothing less than 4 inches or greater than 5 inches. Min 3 1/2 inches on house top point protector</td>
<td>N C 1/4 R 4 1/4</td>
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</tr>
<tr>
<td>7 Point Opening</td>
<td>N C 3/8 R 3/8</td>
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</tr>
<tr>
<td>8 Fit</td>
<td>S Y R</td>
<td></td>
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<tr>
<td>9 General Condition of the Points</td>
<td>S Y R</td>
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<tr>
<td>10 Heel of Switch</td>
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<tr>
<td>11 Gage ahead of Bend</td>
<td>5 1/2</td>
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<tr>
<td>Must not be less than 56 inches or more than 57 inches for &quot;S&quot;</td>
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<td>a) Turnout</td>
<td>6 1/8</td>
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<tr>
<td>a) Main</td>
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<tr>
<td>13 Bend</td>
<td>S Y R</td>
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<tr>
<td>14 Condition</td>
<td>S Y R</td>
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</tr>
<tr>
<td>15 Loose Audible</td>
<td>8 N/A</td>
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<tr>
<td>16 Missing</td>
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<td>17 Loose Audible</td>
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<td>18 Missing</td>
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<td>19 Cotter Pins missing</td>
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<td>20 Jam Nuts Loose</td>
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<td>21 Washers</td>
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<tr>
<td>22 Standard Joints</td>
<td>S Y R</td>
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<td>23 Switch Plates</td>
<td>S Y R</td>
<td>N/A</td>
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<td>24 Adjustable Braces</td>
<td>S Y R</td>
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<td>27 #1 Rod (Basket Rod)</td>
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<td>N/A</td>
</tr>
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<td>28 #2 Rod</td>
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<td>29 #3 Rod</td>
<td>S Y R</td>
<td>N/A</td>
</tr>
<tr>
<td>30 #4 Rod</td>
<td>S Y R</td>
<td>N/A</td>
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<td>31 Closure Rail</td>
<td>S Y R</td>
<td>N/A</td>
</tr>
<tr>
<td>32 Surface of Switch</td>
<td>S Y R</td>
<td>N/A</td>
</tr>
<tr>
<td>Using a 62' cord</td>
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<tr>
<td>S= Up to 1&quot; Max allowed Speed</td>
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</tr>
<tr>
<td>Y= 1&quot; to 1 1/2&quot; 40 MPH</td>
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<td></td>
</tr>
<tr>
<td>R= 1 1/2&quot; to 1 3/4&quot; 12 MPH</td>
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<td>Greater than 1 3/4&quot; = Out of Service</td>
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<td></td>
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<tr>
<td>33 Head Block ties</td>
<td>S Y R</td>
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<tr>
<td>34 Switch Adjustments</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>35 Lubrication</td>
<td>OK</td>
<td>Dry</td>
</tr>
<tr>
<td>36 Switch Target / Lamps</td>
<td>OK</td>
<td>Missing N/A</td>
</tr>
<tr>
<td>37 Latches</td>
<td>OK</td>
<td>Broken Missing</td>
</tr>
<tr>
<td>38 Locks</td>
<td>OK</td>
<td>Broken Missing</td>
</tr>
<tr>
<td>39 General Condition</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>40 Insulated Joints</td>
<td>S Y R</td>
<td></td>
</tr>
</tbody>
</table>

**Remarks on Page 3**

JBW/WEM Mod. 09-15-08
Mainline 1 2 Yard Cromwell WO # 1530271

Date: 7-11-2019 Inspection Crew: ___________________________

1 Location
2 Switch I.D. # __________
3 Facing Trailing
44 Frog Tread N __ Y R
   R __ Y R
45 Frog # 1
46 Frog Point Condition
   S Y R
47 Condition of Frog
   S Y R
48 Surface of Frog
   S Y R
49 Throat in Inches 3 3/8
50 Flangeway Depth 2

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

Turnout Ties
58 Condition
   S Y R
59 Rail Movement
   S Y R

Turnout Ties
60 Lead
   S Y R
61 Guard Rail Flangeway
   S Y R N 2 R 1 8

Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates
   S Y R
63 Frog Plates
   S Y R

Bolts
64 Loose
   0 N/A
65 Missing
   8 N/A

Rivets (Huck)
66 Loose
   0 N/A
67 Missing
   0 N/A
68 Nuts Missing
   0 N/A
69 Cotter Pins Missing
   N/A
70 Washers OK Broken Missing

71 Hold Down Devices
   S Y R N/A
72 Spring Housing
   S Y R N/A
73 Derails
   S Y R N/A

74 Maximum difference in any 31' in Cross
   Level on the siding from the Frog Point to 60' beyond last long tie
   OK Difference

75 Condition of Line thru entire turnout
   S Y R

Remarks on page 3
Switch C11 4 WO # 1530271 Date 7-11-2014

Switch inspection complete

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable

Reviewed by: [Signature] Date: 7-14-14
Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard CNW Well WO # 1537156

Date: 7-11-2019 Inspection Crew Pondera Sell Alchin

1 Location
2 Switch I.D. # [11 x 17]
3 Facing Trailing

Rail Points
4 Point to Point [51 x 28]
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 protector N R
7 Point Opening N 4 3/8 R 4 3/8
8 Fit S Y R
9 General Condition of the Points S Y R

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

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

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

Rivets (Huck Bolts)
17 Loose 0 N/A
18 Missing 0 N/A
19 Cotter Pins missing 0 N/A
20 Jam Nuts Loose 0 N/A
21 Washers OK Broken 1 Missing

Switch Rods
26 Front Rod S Y R N/A
27 #1 Rod (Basket Rod) S Y R N/A
28 #2 Rod S Y R N/A
29 #3 Rod S Y R N/A
30 #4 Rod S Y R N/A
31 Closure Rail S Y R N/A
32 Surface of Switch S Y R N/A
   Using a 62' cord
   S= Up to 1" Max allowed Speed
   Y= 1" to 1 1/2" 40 MPH
   R= 1 1/2" to 1 3/4" 12 MPH
   Greater than 1 3/4" = Out of Service
33 Head Block ties S Y R
34 Switch Adjustments Yes No
35 Lubrication OK Dry
36 Switch Target / Lamps OK Missing N/A
37 Latches OK Broken Missing
38 Locks OK Broken Missing
39 General Condition S Y R
40 Insulated Joints S Y R

Remarks on Page 3
JBW/WEM Mod. 09-15-08
### Frog Inspection Report / Semi-Annual

**Mainline**  1  2  **Yard** Cromwell  **WO #** 1637156

#### Date:
- **7-11-2019**

**Inspection Crew:**

<table>
<thead>
<tr>
<th>Location</th>
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<tbody>
<tr>
<td>Switch I.D. #</td>
<td>17</td>
</tr>
<tr>
<td>Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>Frog Tread</td>
<td>N SY R</td>
</tr>
<tr>
<td>Frog #</td>
<td></td>
</tr>
<tr>
<td>Frog Point Condition</td>
<td>SYR</td>
</tr>
<tr>
<td>Condition of Frog</td>
<td>SYR</td>
</tr>
<tr>
<td>Surface of Frog</td>
<td>SYR</td>
</tr>
<tr>
<td>Throat in Inches</td>
<td>3 1/2</td>
</tr>
<tr>
<td>Flangeway Depth</td>
<td>1 3/4</td>
</tr>
</tbody>
</table>

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

#### Turnout Ties
- **58 Condition**: SYR
- **59 Rail Movement**: SYR

#### Tie Plates
- **60 Lead**: SYR
- **61 Guard Rail Flangeway**: SYR N 1-1/2" R 1-3/4"

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

#### Gage
- **51 Main Track**: 54 7/6
- **52 Turnout Track**: 54 7/16

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

#### Guard Rails
- **53 Guard Rail Gage**: N 54 1/6 R 54 1/6

**Guard Rail Gage must be less than 54 3/8"**

- **54 Back to Back**: N 54 1/6 R 54 1/6

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

#### Guard Rail Clamps
- **55 Location of Guard Rail (Relation to Point)**: SYR

#### Bolts
- **64 Loose**: 0 N/A
- **65 Missing**: 0 N/A

#### Rivets (Huck)
- **66 Loose**: 0 N/A
- **67 Missing**: 0 N/A
- **68 Nuts Missing**: N/A
- **69 Cotter Pins Missing**: N/A
- **70 Washers**: OK Broken Missing

#### Hold Down Devices
- **71**: SYR N/A
- **72 Spring Housing**: SYR N/A
- **73 Derails**: SYR N/A

#### Maximum difference in any 31' in Cross
- **74 Level on the siding from the Frog Point to 50' beyond last long tie**: OK Difference

#### Condition of Line thru entire turnout
- **75**: SYR

**Remarks on page 3**
Switch WO # 1537156 Date 7-11-2014

Loose Jam nut
Switch inspection complete

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable

Reviewed by: [Signature] Date: 7-14-14
Switch Inspection Report / Semi-Annual

Date: 7-11-2014
Inspection Crew: Billard Sel/Alchim

Mainline _______ 1 _______ 2 _______ Yard: Cromwell

WO # 1536267

1 Location
2 Switch I.D. # 1/2
3 Facing  Trailing

Rail Points
4 Point to Point 5 1/8
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 protector

7 Point Opening
N 4 3/16 R 4 3/16

8 Fit  S Y R
9 General Condition of the Points  S Y R

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

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

Bolts
15 Loose  N/A
16 Missing  N/A

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

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

26 Front Rod  S Y R N/A
27 #1 Rod (Basket Rod)  S Y R N/A
28 #2 Rod  S Y R N/A
29 #3 Rod  S Y R N/A
30 #4 Rod  S Y R N/A
31 Closure Rail  S Y R N/A
32 Surface of Switch  S Y R N/A
Using a 62' cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service
33 Head Block ties  S Y R
34 Switch Adjustments  Yes No
35 Lubrication  OK Dry
36 Switch Target / Lamps
  OK Missing N/A
37 Latches
  OK Broken Miss
38 Locks
  OK Broken Miss
39 General Condition  S Y R
40 Insulated Joints  S Y R

Remarks on Page 3

JBW/WIEM Mod. 09-15-08
Mainline 1 2 Yard Croahwolf WO # 1530267

Date: 7-11-201

Inspection Crew:

1 Location
2 Switch I.D. # CW12
3 Facing Trailing
44 Frog Tread N S Y R
R S Y R

45 Frog # 6
46 Frog Point Condition S Y R
47 Condition of Frog S Y R
48 Surface of Frog S Y R

49 Throat in Inches 3 3/8
50 Flangeway Depth 1 1/8

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

Gage
51 Main Track 5 6 3/8
52 Turnout Track 5 6 1 1/4
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 5/8 R 54 5/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 1/4 R 52 1/4
Back to Back must be less than 53 1/8"

54 Condition S Y R
55 Location of Guard Rail (Relation to Point) S Y R

Guard Rail Clamps
56 Main Track S Y R
57 Turnout Track S Y R

Class 1 Gage 56" to 57 1/2"

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

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

Turnout Ties
58 Condition S Y R
59 Rail Movement S Y R

Tie Plates
60 Lead S Y R
61 Guard Rail Flangeway S Y R N 13 1/4 R 1 3/4

Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates S Y R
63 Frog Plates S Y R

Bolts
64 Loose 0 N/A
65 Missing 0 N/A

Rivets (Huck)
66 Loose 0 N/A
67 Missing 0 N/A
68 Nuts Missing 0 N/A
69 Cotter Pins Missing 0 N/A
70 Washers OK Broken Missing

71 Hold Down Devices S Y R N/A
72 Spring Housing S Y R N/A
73 Derails S Y R N/A

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

OK Difference

75 Condition of Line thru entire turnout S Y R

Remarks on page 3
Switch CW12  WO # 1530267  Date 7-11-2014

Switch inspection complete

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S  All items inspected are in compliance

Y  Attention needed

R  Immediate attention required or Out of Service

N/A  Not Applicable or not measurable

Reviewed by: ___________________________ Date: 7-14-14
Switch Inspection Report / Semi-Annual

Mainline  1  2  Yard  Cromwell  WO # 152365-0

Date:  7-11-2014  Inspection Crew  Ballard Sell Alchin

1 Location
2 Switch I.D. #  WJW C
3 Facing  Trailing

Rail Points
4 Point to Point  51 1/16
5 Point Condition  Y R
6 Point Throw, nothing less than 4 inches or greater than 5 inches. Min 3 1/2 inches on house top point protector

N 4 1/8  R 4 3/16
7 Point Opening
N 4 1/2  R 4 7/8

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

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

Stock Rail
13 Bend  Y R
14 Condition  Y R

Bolts
15 Loose  N/A
16 Missing  N/A

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

Switch Rods
26 Front Rod  Y R N/A
27 #1 Rod (Basket Rod)
28 #2 Rod  Y R N/A
29 #3 Rod  Y R N/A
30 #4 Rod  Y R N/A
31 Closure Rail  Y R N/A
32 Surface of Switch  Y R N/A
  Using a 62' cord
  S= Up to 1" Max allowed Speed
  Y= 1" to 1 1/2" 40 MPH
  R= 1 1/2" to 1 3/4" 12 MPH
  Greater than 1 3/4" = Out of Service
33 Head Block ties  Y R
34 Switch Adjustments
  Yes  No
35 Lubrication  Dry
36 Switch Target / Lamps
  OK  Missing  N/A
37 Latches
  OK  Broken  Missing
38 Locks
  OK  Broken  Missing
39 General Condition  Y R
40 Insulated Joints  Y R

Remarks on Page 3

JBW/WEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

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<tr>
<td>Frog Tread</td>
<td>N</td>
<td>S</td>
<td>Y</td>
<td>R</td>
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<td>Frog Point Condition</td>
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<td>Surface of Frog</td>
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<td>Throat in Inches</td>
<td>3 1/2</td>
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<tr>
<td>Flangeway Depth</td>
<td>2</td>
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<td></td>
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<td>Flangeway Depth must not be less than 1 1/2&quot;</td>
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**Gage**

<table>
<thead>
<tr>
<th>Main Track</th>
<th>S</th>
<th>Y</th>
<th>R</th>
<th>56 5/16</th>
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<tbody>
<tr>
<td>Turnout Track</td>
<td>S</td>
<td>Y</td>
<td>R</td>
<td>56 1/2</td>
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</table>

Gage must not be less than 56" any Class

**Guard Rails**

<table>
<thead>
<tr>
<th>Guard Rail Gage</th>
<th>N</th>
<th>5 1/2</th>
<th>R</th>
<th>5 3/8</th>
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</table>

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

<table>
<thead>
<tr>
<th>Back to Back</th>
<th>N</th>
<th>5 2 1/2</th>
<th>R</th>
<th>5 3/4</th>
</tr>
</thead>
</table>

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

**Guard Rail Clamps**

| Main Track | S | Y | R | | |
| --- | --- | --- | --- | | |
| Turnout Track | S | Y | R | | |

**Turnout Ties**

| 58 Condition | S | Y | R | | |
| --- | --- | --- | --- | | |
| 59 Rail Movement | S | Y | R | | |
| 60 Lead | S | Y | R | | |
| 61 Guard Rail Flangeway | S | Y | R | N | 1 1/4 | R | 1 3/4 |

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

| 62 Guard Rail Plates | S | Y | R | | |
| 63 Frog Plates | S | Y | R | | |

**Bolts**

| 64 Loose | 0 | N/A | | |
| 65 Missing | 0 | N/A | | |

**Rivets (Huck)**

| 66 Loose | 0 | N/A | | |
| 67 Missing | 0 | N/A | | |
| 68 Nuts Missing | 0 | N/A | | |
| 69 Cotter Pins Missing | N/A | | | |
| 70 Washers | OK | Broken | Missing | |

| 71 Hold Down Devices | S | Y | R | N/A | | |
| 72 Spring Housing | S | Y | R | N/A | | |
| 73 Derails | S | Y | R | N/A | | |

| 74 Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 60' beyond last long tie | OK | Difference | | |
| --- | --- | --- | | |
| 75 Condition of Line thru entire turnout | S | Y | R | | |
Switch 6
WO # 1523050
Date 7-11-2014

Switch inspection complete

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable

Reviewed by: [Signature]
Date: 7-14-14
Switch Inspection Report / Semi-Annual  

<table>
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<th>Yard</th>
<th>CROHWEIL</th>
<th>WO #</th>
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| Date: | 7/12/14 | Inspection Crew: | PCULARD | SCHISLER | W BRYANT |

1 Location
2 Switch I.D. # (1a) 1D
3 Facing Trailing x

### Rail Points
4 Point to Point ≤1 5/16
5 Point Condition
   - Y R
6 Point Throw, nothing less than 4 inches or greater than 5 inches. Min 3 1/2 inches on house top point protector
   - N 4 3/16 R 4 3/16
7 Point Opening
   - N 4 1/16 R 4 1/16
8 Fit
   - Y R
9 General Condition of the Points
   - Y R

### Gage
10 Heel of Switch
   - a) Main 5 1/2
   - b) Turnout 5 1/2
11 Gage ahead of Bend 5 1/2
   - Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
   - a) Turnout 6 3/16
   - a) Main 6 3/4

### Stock Rail
13 Bend
   - Y R
14 Condition
   - Y R

### Bolts
15 Loose N/A
16 Missing N/A

### Rivets (Huck Bolts)
17 Loose N/A
18 Missing N/A
19 Cotter Pins missing N/A
   - Jam Nuts Loose N/A
21 Washers
   - OK Broken Missing

### Switch Rods
26 Front Rod
   - Y R N/A
27 #1 Rod (Basket Rod)
   - Y R N/A
28 #2 Rod
   - Y R N/A
29 #3 Rod
   - Y R N/A
30 #4 Rod
   - Y R N/A
31 Closure Rail
   - Y R N/A
32 Surface of Switch
   - Y R N/A
   - Using a 62' cord
   - S= Up to 1" Max allowed Speed
   - Y= 1" to 1 1/2" 40 MPH
   - R= 1 1/2" to 1 3/4" 12 MPH
   - Greater than 1 3/4" = Out of Service
33 Head Block ties
   - Y R
34 Switch Adjustments
   - Yes No
35 Lubrication
   - OK Dry
36 Switch Target / Lamps
   - OK Missing N/A
37 Latches
   - OK Broken Missing
38 Locks
   - OK Broken Missing
39 General Condition
   - Y R
40 Insulated Joints
   - Y R

### Remarks on Page 3
JBWWEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

<table>
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Date: ___________  Inspection Crew: ___________

1 Location
2 Switch I.D. # ___________
3 Facing ___________
4 Frog Tread N ___________
5 Frog # ___________
6 Frog Point Condition ___________
7 Condition of Frog ___________
8 Surface of Frog ___________
9 Throat in Inches ___________
10 Flangeway Depth ___________

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

Gage
51 Main Track ___________
52 Turnout Track ___________

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

Guard Rails
53 Guard Rail Gage N ___________
54 Back to Back N ___________

**Guard Rail Gage must be less than 54 3/8"**

55 Location of Guard Rail (Relation to Point) ___________

Guard Rail Clamps
56 Main Track ___________
57 Turnout Track ___________

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

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

Turnout Ties
58 Condition ___________
59 Rail Movement ___________

Tie Plates
60 Lead ___________
61 Guard Rail Flangeway ___________

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

62 Guard Rail Plates ___________
63 Frog Plates ___________

Bolts
64 Loose ___________
65 Missing ___________

Rivets (Huck)
66 Loose ___________
67 Missing ___________
68 Nuts Missing ___________
69 Cotter Pins Missing ___________
70 Washers ___________

71 Hold Down Devices ___________
72 Spring Housing ___________
73 Derails ___________

74 Maximum difference in any 31' in Cross

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

**OK**  Difference ___________

75 Condition of Line thru entire turnout ___________

Remarks on page 3
Switch 10  WO # 1530396  Date 7/12/14

NO NEW DEFECTS NOTED

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable.

Reviewed by: [Signature]  Date: 7-14-14
### Switch Inspection Report / Semi-Annual

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#### Rail Points
- **4 Point to Point**: 1 9/16
- **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 protector**: N A 1/8 R A 1/8
- **7 Point Opening**: N A 1/2 R A 1/2
- **8 Fit**: S Y R
- **9 General Condition of the Points**: S Y R

#### Gage
- **10 Heel of Switch**: Main 5/16 Turnout 5/16
- **11 Gage Ahead of Bend**: 52 9/16
- **MUST NOT BE LESS THAN 66 INCHES OR MORE THAN 57 INCHES FOR "S"**
- **12 Heel Spread in Inches**: Main 7/8
  - **a)** Turnout 7/8

#### Stock Rail
- **13 Bend**: S Y R
- **14 Condition**: S Y R

#### Bolts
- **15 Loose**: N/A
- **16 Missing**: N/A

#### Rivets (Huck Bolts)
- **17 Loose**: N/A
- **18 Missing**: N/A
- **19 Cotter Pins missing**: N/A
  - Jam Nuts Loose: N/A
- **21 Washers**: OK Broken N/A

#### Switch Rods
- **26 Front Rod**: S Y R N/A
- **27 #1 Rod (Basket Rod)**: S Y R N/A
- **28 #2 Rod**: S Y R N/A
- **29 #3 Rod**: S Y R N/A
- **30 #4 Rod**: S Y R N/A
- **31 Closure Rail**: S Y R N/A
- **32 Surface of Switch**: S Y R N/A
- **Using a 62' cord**: S= Up to 1" Max allowed Speed
  
  Y= 1" to 1 1/2" 40 MPH
  
  R= 1 1/2" to 1 3/4" 12 MPH
  
  Greater than 1 3/4" = Out of Service
- **33 Head Block ties**: S Y R
- **34 Switch Adjustments**: Yes N/A
- **35 Lubrication**: OK Dry
- **36 Switch Target / Lamps**: OK Missing N/A
- **37 Latches**: OK Broken Missing
- **38 Locks**: OK Broken Missing N/A
- **39 General Condition**: S Y R
- **40 Insulated Joints**: S Y R

---

**Remarks on Page 3**

JBW/WEM Mod. 09-15-08
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<td>R</td>
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<td>Frog Point Condition</td>
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<td>Condition of Frog</td>
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<tr>
<td>Surface of Frog</td>
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<td>Throat in Inches</td>
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<td>Flangeway Depth</td>
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<td>1 7/16</td>
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<tr>
<td>Flangeway Depth must not be less than 1 1/2&quot;</td>
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<td></td>
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</table>

**Gage**

| 51 Main Track | 5 1/4 | 3/8 |
|               | Y R   |     |
| Turnout Track | 5 1/4 |
| Gage must not be less than 56" any Class |   |

**Guard Rails**

| 53 Guard Rail Gage | N 5 3/8 |
|                    | R 5 1/4 |
| Guard Rail Gage must be less than 54 3/8" |   |
| Back to Back | N 5 1/4 |
| Back to Back must be less than 53 1/8" |   |

**Bolts**

| 64 Loose |   |
|          | N/A |
| 65 Missing |   |
|           | N/A |

**Rivets (Huck)**

| 66 Loose |   |
|          | N/A |
| 67 Missing |   |
|           | N/A |
| 68 Nuts Missing |   |
|              | N/A |
| 69 Cotter Pins Missing |   |
|                | N/A |
| 70 Washers | OK Broken | Missing |
|            |       |

**Guard Rail Clamps**

| 56 Main Track | Y R |
|               |     |
| 57 Turnout Track | 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 ss 2 and gets a Y

**Remarks on page 3**
Switch 18    WO # 1537179    Date 7/12/14

NO NEW DEFECTS NOTED

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable

Reviewed by: [Signature]    Date: 7-14-14
Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard CROHVELL
Inspection Crew POULLARD SCHISLER BRYANT

Location: 7/12/14

1 Location
2 Switch I.D. # 4-1/4
3 Facing Trailing Y

Rail Points
4 Point to Point S Z
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 protector
N 4 7/16 R 4 7/4
7 Point Opening N 4 7/4 R 4 7/4
8 Fit S Y R
9 General Condition of the Points S Y R

Gage
10 Heel of Switch a) Main S 6 9/16
   Turnout S 6 9/16
11 Gage ahead of Bend S 6 9/16
   Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
   a) Turnout C 1/4
   a) Main C 1/4

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

Bolts
15 Loose O N/A
16 Missing Q N/A

Rivets (Huck Bolts)
17 Loose O N/A
18 Missing Q N/A
19 Cotter Pins missing Q N/A
   Jam Nuts Loose O N/A
21 Washers OK Broken Missing

Switch Rods
26 Front Rod S Y R N/A
27 #1 Rod (Basket Rod) S Y R N/A
28 #2 Rod S Y R N/A
29 #3 Rod S Y R N/A
30 #4 Rod S Y R N/A
31 Closure Rail S Y R N/A
32 Surface of Switch S Y R N/A
   Using a 62° cord
   S= Up to 1" Max allowed Speed
   Y= 1" to 1 1/2" 40 MPH
   R= 1 1/2" to 1 3/4" 12 MPH
   Greater than 1 3/4" = Out of Service
33 Head Block ties S Y R
34 Switch Adjustments Yes No
35 Lubrication OK Dry
36 Switch Target / Lamps OK Missing N/A
37 Latches OK Broken Missing
38 Locks OK Broken Missing N/A
39 General Condition S Y R
40 Insulated Joints S Y R

Remarks on Page 3

JBWWEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

<table>
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<td>Inspection Crew:</td>
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1 Location
2 Switch I.D. 
3 Facing 
4 Frog Tread 
5 Frog 
6 Frog Point Condition
7 Condition of Frog
8 Surface of Frog
9 Throat in Inches
10 Flangeway Depth

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

<table>
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<tr>
<th>Gage</th>
<th>Turnout Ties</th>
<th>Tie Plates</th>
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<tr>
<td>51 Main Track</td>
<td>58 Condition</td>
<td>59 Rail Movement</td>
</tr>
<tr>
<td>52 Turnout Track</td>
<td>(S Y R)</td>
<td>(S Y R)</td>
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<tr>
<td>Gage must not be less than 56&quot; any Class</td>
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<table>
<thead>
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<th>Guard Rails</th>
<th>Bolts</th>
<th>Guard Rail Clamps</th>
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<tr>
<td>53 Guard Rail Gage</td>
<td>64 Loose</td>
<td>56 Main Track</td>
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<tr>
<td>54 Back to Back</td>
<td>65 Missing</td>
<td>57 Turnout Track</td>
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<td>Guard Rail Gage must be less than 54 3/8&quot;</td>
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| Back to Back Gage must be less than 53 1/8"

54 Condition
55 Location of Guard Rail (Relation to Point)

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<th>Rivets (Huck)</th>
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<td>66 Loose</td>
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<td>69 Cotter Pins Missing</td>
<td>67</td>
</tr>
<tr>
<td>70 Washers Broken Missing</td>
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71 Hold Down Devices
72 Spring Housing
73 Derails

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

75 Condition of Line thru entire turnout

Remarks on page 3
Switch 19 WO # 1537180 Date 7/12/14

Loose Heel block bolt E PAU

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable

Reviewed by: [Signature] Date: 7-19-14
Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard CROMWELL

Inspection Crew M PULLARD T SCHISLER W BRYANT

WO # 1537176

1 Location
2 Switch I.D. # 110.20
3 Facing Trailing Y

Rail Points
4 Point to Point 51°3/16
5 Point Condition Y R
6 Point Throw, nothing less than 4 inches or greater than 5 inches. Min 3 1/2 inches on house top point protector
N 4 3/8 R 4 3/8
7 Point Opening
N A 3/16 R 4 3/8
8 Fit Y R
9 General Condition of the Points Y R

Gage
10 Heel of Switch
a) Main 3°8/16
Turnout 2°3/16
11 Gage ahead of Bend 2°3/16
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
a) Turnout 6/16
a) Main 6/16

Stock Rail
13 Bend Y R
14 Condition Y R

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

Rivets (Huck Bolts)
17 Loose 0 N/A
18 Missing 0 N/A
19 Cotter Pins missing 0 N/A
20 Nut Loose 0 N/A
21 Washers OK Broken Missing

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

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

Using a 62' cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service

33 Head Block ties Y R
34 Switch Adjustments Yes No
35 Lubrication OK Dry
36 Switch Target / Lamps OK Missing N/A
37 Latches OK Broken Missing
38 Locks OK Broken Missing N/A
39 General Condition Y R
40 Insulated Joints Y R

Remarks on Page 3

JBW/WM Mod. 09-15-08
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<td>Y</td>
<td>R</td>
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**Gage**

| Main Track | S | R |
| Turnout Track | S | 1/2 |
| Gage must not be less than 56" any Class | | |

**Guard Rails**

| Guard Rail Gage | N | S4 3/8 | R | S4 4/16 |
| Guard Rail Gage must be less than 54 3/8" | | | | |
| Back to Back | N | S2 3/8 | R | S2 3/4 |
| Back to Back must be less than 53 1/8" | | | | |
| Condition | S | Y | R |
| Location of Guard Rail (Relation to Point) | S | Y | R |

**Guard Rail Clamps**

| Main Track | S | Y | R |
| Turnout Track | S | Y | R |

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

**Turnout Ties**

| 58 Condition | S | Y | R |
| 59 Rail Movement | S | Y | R |

**Tie Plates**

| 60 Lead | S | Y | R |
| 61 Guard Rail Flangeway | S | Y | R | N | 3/8 | R | 1/8 |
| Guard Rail Flangeway can not be less 1 1/2" | | | | |
| 62 Guard Rail Plates | S | Y | R |
| 63 Frog Plates | S | Y | R |

**Bolts**

| 64 Loose | O | N/A |
| 65 Missing | O | N/A |

**Rivets (Huck)**

| 66 Loose | O | N/A |
| 67 Missing | O | N/A |
| 68 Nuts Missing | O | N/A |
| 69 Cotter Pins Missing | O | N/A |

**Rivets (Huck)**

| 70 Washers | OK | Broken | Missing |

| 71 Hold Down Devices | S | Y | R | N/A |
| 72 Spring Housing | S | Y | R | N/A |
| 73 Derails | S | Y | R | N/A |

| 74 Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond last long tie | OK | Difference | |

| 75 Condition of Line thru entire turnout | S | Y | R |

Remarks on page 3
Switch 20  WO #  1537176  Date  7/12/14

NO NEW DEFECTS NOTED

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S  All items inspected are in compliance

Y  Attention needed

R  Immediate attention required or Out of Service

N/A  Not Applicable or not measurable

Reviewed by: ________________________________ Date: 7-14-14
Mainline: 1 2

Location: 7/12/14

Inspection Crew M. HAWKINS T. SCHISLER W. BRYANT

Yard: CROMWELL

WO #: 1537140

1 Location
2 Switch I.D. # CWH2
3 Facing X

Rail Points
4 Point to Point 19.9
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 protector N R
7 Point Opening N R
8 Fit S Y R
9 General Condition of the Points S Y R

Gage
10 Heel of Switch
   a) Main S L R
   Turnout S L R
11 Gage ahead of Bend S L R

Must not be less than 58 inches or more than 57 inches for "S"

12 Heel Spread in Inches
   a) Turnout 6/14
   a) Main 6 3/6

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

Bolts
15 Loose N/A
16 Missing N/A

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

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

Switch Rods
26 Front Rod S Y R N/A
27 #1 Rod (Basket Rod) S Y R N/A
28 #2 Rod S Y R N/A
29 #3 Rod S Y R N/A
30 #4 Rod S Y R N/A
31 Closure Rail S Y R N/A
32 Surface of Switch S Y R N/A
   Using a 62' cord
   S= Up to 1" Max allowed Speed
   Y= 1" to 1 1/2" 40 MPH
   R= 1 1/2" to 1 3/4" 12 MPH
   Greater than 1 3/4" = Out of Service

33 Head Block ties S Y R
34 Switch Adjustments Yes (No)
35 Lubrication OK Dry
36 Switch Target / Lamps OK Missing N/A
37 Latches OK Broken Missing N/A
38 Locks OK Broke Missing N/A
39 General Condition S Y R
40 Insulated Joints S Y R

Remarks on Page 3

JBWWEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

Mainline 1 2 Yard WO #

Location: ____________________________
Inspection Crew: ________________________

1 Location
2 Switch I.D. # 
3 Facing Trailing 
44 Frog Tread N Y R R Y R
45 Frog # 
46 Frog Point Condition 
47 Condition of Frog 
48 Surface of Frog 
49 Throat in Inches 
50 Flangeway Depth 
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track
52 Turnout Track
Gage must not be less than 56" any Class

Guard Rails
Guard Rail Gage must be less than 54 3/8"
Back to Back must be less than 53 1/8"

54 Condition 
55 Location of Guard Rail (Relation to Point) 

Guard Rail Clamps
56 Main Track 
57 Turnout Track

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

Turnout Ties
58 Condition
59 Rail Movement

Tie Plates
60 Lead
61 Guard Rail Flangeway
Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates
63 Frog Plates

Bolts
64 Loose
65 Missing

Rivets (Huck)
66 Loose
67 Missing
68 Nuts Missing
69 Cotter Pins Missing
70 Washers Broken Missing

71 Hold Down Devices
72 Spring Housing
73 Derails

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

75 Condition of Line thru entire turnout

Remarks on page 3
No new defects noted

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable

Reviewed by: __________________________ Date: 7-14-14
Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard CROMWELL

Date: 7/12/14 Inspection Crew N. POLLARD T. SCHNEIDER W. BRYANT

WO # 1537142

1 Location CROMWELL YARD

2 Switch I.D. # 1127

3 Facing Trailing X

Rail Points

4 Point to Point 5/34

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 protector

N 4/4 R 4 1/2

7 Point Opening N 4/4 R 4 1/2

8 Fit S Y R

9 General Condition of the Points S Y R

Gage

10 Heel of Switch
a) Main 56 5/8

b) Turnout 56 1/2

11 Gage ahead of Bend 56 5/8

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

12 Heel Spread in Inches
a) Turnout 6 1/4

b) Main 6 1/4

Stock Rail

13 Bend S Y R

14 Condition S Y R

Bolts

15 Loose O N/A

16 Missing O N/A

Rivets (Huck Bolts)

17 Loose O N/A

18 Missing O N/A

19 Cotter Pins missing O N/A

20 Jam Nuts Loose O N/A

21 Washers OK Broken Missing

Switch Rods

22 Standard Joints S Y R N/A

23 Switch Plates S Y R N/A

24 Adjustable Braces S Y R N/A

25 Non-Adjustable Braces S Y R N/A

26 Front Rod S Y R N/A

27 #1 Rod (Basket Rod) S Y R N/A

28 #2 Rod S Y R N/A

29 #3 Rod S Y R N/A

30 #4 Rod S Y R N/A

31 Closure Rail S Y R N/A

32 Surface of Switch S Y R N/A

Using a 62' cord

S= Up to 1" Max allowed Speed

Y= 1" to 1 1/2" 40 MPH

R= 1 1/2" to 1 3/4" 12 MPH

Greater than 1 3/4" = Out of Service

33 Head Block ties S Y R

34 Switch Adjustments Yes O

35 Lubrication OK Dry

36 Switch Target / Lamps OK Missing N/A

37 Latches OK Broken Missing N/A

38 Locks OK Broken Missing N/A

39 General Condition S Y R

40 Insulated Joints S Y R

Remarks on Page 3

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<th>Mainline</th>
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<th>2</th>
<th>Yard</th>
<th>WO #</th>
<th>Inspection Crew</th>
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<td>Date:</td>
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1 Location
2 Switch I.D. # 27
3 Facing Trailing
44 Frog Tread N Y R R Y R
45 Frog # 
46 Frog Point Condition Y R
47 Condition of Frog Y R
48 Surface of Frog Y R
49 Throat in Inches 3 3/8
50 Flangeway Depth 2

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

**Gage**
51 Main Track 5 8/16
52 Turnout Track 3 5/8
Gage must not be less than 56" any Class

**Guard Rails**
53 Guard Rail Gage N 4 5/8 R 4 7/16 Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 5 5/8 R 5 7/16
Back to Back must be less than 53 1/8"
55 Location of Guard Rail (Relation to Point) Y R

**Guard Rail Clamps**
56 Main Track Y R
57 Turnout Track 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

**Turnout Ties**
58 Condition Y R
59 Rail Movement Y R

**Tie Plates**
60 Lead Y R
61 Guard Rail Flangeway Y R N 1/4 R 1/8 Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates Y R
63 Frog Plates Y R

**Bolts**
64 Loose 
65 Missing N/A

**Rivets (Huck)**
66 Loose 
67 Missing N/A
68 Nuts Missing 
69 Cotter Pins Missing N/A
70 Washers Broken Missing

71 Hold Down Devices Y R N/A
72 Spring Housing Y R N/A
73 Derailed Y R N/A

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

75 Condition of Line thru entire turnout Y R

**Remarks on page 3**
All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable

Reviewed by: [Signature] Date: 7-14-14
Mainline  1  2  

Date:  7/12/14  

Yard  CRDWELL  

Inspection Crew  MPOLLARD  TSCHEYLER  WBRYANT  

WO #  1537144  

1 Location  
2 Switch I.D. #  11223  
3 Facing  Trailing  

Rail Points  
4 Point to Point  51 48  
5 Point Condition  Y R  
6 Point Throw, nothing less than 4 inches or greater than 5 inches. Min 3 1/2 inches on house top point protector  

N  4 1/4  R  4 1/4  

7 Point Opening  

N  4 49  R  4 49  

8 Fit  

Y R  

9 General Condition of the Points  Y R  

Gage  
10 Heel of Switch  
   a) Main  53 1/2  
   Turnout  53 1/2  

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  
   a) Turnout  6 3/8  
   a) Main  6 5/16  

Stock Rail  
13 Bend  Y R  
14 Condition  Y R  

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

Rivets (Huck Bolts)  
17 Loose  0  N/A  
18 Missing  0  N/A  
19 Cotter Pins missing  7  N/A  
   Jam Nuts Loose  0  N/A  
21 Washers  OK  Broken  Missing  

Switch Rods  
26 Front Rod  Y R N/A  
27 #1 Rod (Basket Rod)  Y R N/A  
28 #2 Rod  Y R N/A  
29 #3 Rod  Y R N/A  
30 #4 Rod  Y R N/A  
31 Closure Rail  Y R N/A  
32 Surface of Switch  Y R N/A  
   Using a 62' cord  
   S= Up to 1" Max allowed Speed  
   Y= 1" to 1 1/2" 40 MPH  
   R= 1 1/2" to 1 3/4" 12 MPH  
   Greater than 1 3/4" = Out of Service  
33 Head Block ties  Y R  
34 Switch Adjustments  Yes  N/A  
35 Lubrication  OK  Dry  
36 Switch Target / Lamps  OK  Missing  N/A  
37 Latches  OK  Broken  Missing  
38 Locks  OK  Broken  Missing  N/A  
39 General Condition  Y R  
40 Insulated Joints  Y R  

Remarks on Page 3  

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<td>Switch I.D. #</td>
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<tr>
<td>44 Frog Tread</td>
<td>N &amp; Y R</td>
<td>R</td>
<td>Y R</td>
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<td>45 Frog #</td>
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<tr>
<td>46 Frog Point Condition</td>
<td>S Y R</td>
<td></td>
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<tr>
<td>47 Condition of Frog</td>
<td>S Y R</td>
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<tr>
<td>48 Surface of Frog</td>
<td>S Y R</td>
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<tr>
<td>49 Throat in Inches</td>
<td>3 3/6</td>
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<td>50 Flangeway Depth</td>
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<tr>
<td>Flangeway Depth must not be less than 1 1/2&quot;</td>
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</table>

**Gage**

| 51 Main Track | 36 1/2 | | | | | |
| Turnout Track | 36 1/2 | | | | | |

Gage must not be less than 56" any Class

**Guard Rails**

| 53 Guard Rail Gage | N 54 11/16 | R 54 9/16 | | | |

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

| 54 Back to Back | N 52 3/4 | R 52 5/8 | | | |

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

| 55 Location of Guard Rail (Relation to Point) | S Y R |   |      |   |      |   |

**Guard Rail Clamps**

| 56 Main Track | S Y R |   |      |   |      |   |
| 57 Turnout Track | S Y R |   |      |   |      |   |

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

| ss 2 and gets a Y |   |   | | | |

**Turnout Ties**

| 58 Condition | S Y R |   |      |   |      |   |
| 59 Rail Movement | S Y R |   |      |   |      |   |

**Tie Plates**

| 60 Lead | S Y R |   |      |   |      |   |
| 61 Guard Rail Flangeway | S Y R N 1 3/4 R 1 3/4 | | | | |

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

| 62 Guard Rail Plates | S Y R |   |      |   |      |   |
| 63 Frog Plates | S Y R |   |      |   |      |   |

**Bolts**

| 64 Loose | 0 | N/A | | | |
| 65 Missing | 0 | N/A | | | |

**Rivets (Huck)**

| 66 Loose | 0 | N/A | | | |
| 67 Missing | 0 | N/A | | | |
| 68 Nuts Missing | 0 | N/A | | | |
| 69 Cotter Pins Missing | 0 | N/A | | | |
| 70 Washers | OK Broken | Missing | | | |

| 71 Hold Down Devices | S Y R N/A |   |      |   |      |   |
| 72 Spring Housing | S Y R (N/A) |   |      |   |      |   |
| 73 Derails | S Y R N/A |   |      |   |      |   |

| 74 Maximum difference in any 31" in Cross Level on the siding from the Frog Point to 50' beyond last long tie | OK | Difference | |

75 Condition of Line thru entire turnout

| S Y R |   |      |   |      |   |

Remarks on page 3
Switch 23  WO # 1537144  Date 7/12/14

1 Cagged clamp on Basket Rod off (missing nut)

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

N/A Not Applicable or not measurable

Reviewed by: [Signature]  Date: 7-14-14
Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard WO # 1635680

Date: 9/1/2014

Inspection Crew MALENA, N. GADE. W. RAYB. T. SCHIUK

1 Location
2 Switch I.D. # 760
3 Facing Trailing

Rail Points
4 Point to Point 3/4
5 Point Condition S Y R
6 Point Throw Nothing less than 4" or greater than 5"
Min 3 1/2" on house top point protector

N ≤ 3/8 R ≥ 7/16
7 Point Opening
N ≥ 3/4 R ≥ 3/4
8 Fit S Y R
9 General Condition of the Points S Y R

Gage
10 Heel of Switch
a) Main ≤ 3/4
   Turnout ≤ 3/4
11 Gage ahead of Bend ≤ 3/4
Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
a) Turnout ≤ 2
   a) Main ≤ 3/4

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

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

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

Switch Rods
26 Front Rod S Y R N/A
27 #1 Rod (Basket Rod) S Y R N/A
28 #2 Rod S Y R N/A
29 #3 Rod S Y R N/A
30 #4 Rod S Y R N/A
31 Closure Rail S Y R N/A
32 Surface of Switch S Y R N/A
Using a 62' cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service
33 Head Block ties S Y R
34 Switch Adjustments
Yes No
35 Lubrication OK Dry
36 Switch Target / Lamps OK Missing
37 Latches OK Broken Missing
38 Locks OK Broken Missing
39 General Condition S Y R
40 Insulated Joints S Y R

Remarks on Page 3

JBW/WEM Mod. 09-15-08
Mainline 1 2 Yard ____________________________ WO # 1635680

Date: ________________________________ Inspection Crew: MACHIN, N CAFE, W BRYANT, TSCHISER

1 Location
2 Switch I.D. # 760
3 Facing Trailing
44 Frog Tread N Y R
R Y R
45 Frog # R
46 Frog Point Condition Y R
47 Condition of Frog Y R
48 Surface of Frog Y R
49 Throat in Inches 3 3/4
50 Flangeway Depth 1 7/16
Flangeway Depth must not be less than 1 1/2″

Gage
51 Main Track 56 3/8
52 Turnout Track 56 7/8
Gage must not be less than 56″ for any Class

Turnout Ties
58 Condition Y R
59 Rail Movement Y R

Guard Rails
53 Guard Rail Gage N 54 3/8 R 54 3/8
Guard Rail Gage must be less than 54 3/8″
54 Back to Back N 52 3/8 R 52 3/8
Back to Back must be less than 53 1/8″
54 Condition Y R
55 Location of Guard Rail (Relation to Point) Y R

Guard Rail Clamps
56 Main Track N/A
57 Turnout Track 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 Y

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

61 Gurad Rail Flangeway Y R N R

62 Guard Rail Plates Y R
63 Frog Plates Y R

Bolts
64 Loose N/A
65 Missing N/A

Rivets (Huck)
66 Loose N/A
67 Missing N/A
68 Nuts Missing N/A
69 Cotter Pins Missing N/A
70 Washers Broken Missing

Hold Down Devices
71 N/A
72 Spring Housing Y R N/A
73 Derails Y R N/A

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

75 Condition of Line thru entire turnout Y R

Remarks on page 3
Switch 760  Date 9/16/2014  WO# 1635680

7 Loose Braces
Crack in Signal Wire Box

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: ___________________________ Date: ___________________