Mainline 1 2 Yard WO # 260 1998

Date: 10-5-98 Inspection Crew: M. Pollard, J. Schisler, W. Bryant

1 Location
2 Switch I.D. # 124/1A
3 Facing: X Trailing

Rail Points
4 Point to Point: S1 3/16
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 4 1/2 R 4 1/2
7 Point OPENING N S 1/2 R S 1/2
8 FR

9 General Condition of the Points: S Y R

Gage
10 Heel of Switch
   a) Main: S6 2/3
   b) Turnout: S7 2/3
11 Gage ahead of Bend: S8 3/4
   Must not be less than 56" or more than 57" for "B"

12 Heel Spread in Inches
   a) Turnout: 3/4
   b) Main: 3 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 Pin missing: N/A
20 Jam Nut: Loose: N/A
21 Washers: OK Broken: Missing

Remarks on Page 3

JBW/115-09 Mod. 09-15-09
**Frog Inspection Report / Semi-Annual**

**Date:** 10-5-98  
**Location:**  
**Inspection Crew:** M. Pollard, T. Schusler, W. Bryant  
**WO #:** 2601996

<p>| | | | | |</p>
<table>
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<tbody>
<tr>
<td>1 Location</td>
<td>2 Switch I.D. #</td>
<td>3 Facing</td>
<td>44 Frog Tread</td>
<td>48 Frog #</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>N R</td>
<td>10</td>
</tr>
<tr>
<td>46 Frog Point Condition</td>
<td>47 Condition of Frog</td>
<td>48 Surface of Frog</td>
<td>49 Throat In Inches</td>
<td>50 Flangeway Depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>51 Main Track</td>
<td>52 Turnout Track</td>
<td></td>
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</tbody>
</table>

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

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>53 Guard Rail Gage</td>
<td>54 Guard Rail Gage</td>
<td>55 Location of Guard Rail (Relation to Point)</td>
<td></td>
</tr>
</tbody>
</table>

**Guard Rail Clamps:**

- **Main Track**: N/A
- **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  

**Class 2 and note a Y**

**Bolts:**

- 64 Loose: 0 N/A
- 68 Missing: N/A  

**Rivets (Huck):**

- 66 Loose: 0 N/A
- 67 Missing: N/A
- 69 Nut Missing: N/A

**Washers:**

- 70 Washer: OK

**Hold Down Devices:**

- 71 Hold Down Devices: 6 Y R N/A
- 72 Spring Housing: 6 Y R N/A
- 73 Derails: 6 Y R N/A

**Maximum difference in any 31" in Cross Level on the siding from the Frog Point to 60" beyond last long tie:**

- OK

**Condition of Line thru entire turnout:**

- 8 Y R

**Remarks on page 3**
LH ST PT - MICRO CRACKING/SHELLING
Frog Pt - MICRO CRACKING/BATTEREA
BATTEREA IN THROAT AREA,

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: ___________________________
Switch Inspection Report / Semi-Annual

Yard ___________________________ WO # 2602454

10-5-16

Inspection Crew: M. Pollard, T. Schlesier, U. Bryant

1. Location
2. Switch I.D. #: 1241B
3. Facing: X Trailing

Rail Points
4. Point to Point: 51 3/8
5. Point Condition: Y R

6. Point Throw: Nothing less than 4" or greater than 8" Min 3 1/2" on house top point protector
   N 4 3/4, R 4 3/4

7. Point Opening
   N 3 3/8, R 5 3/8

8. FL: Y R

9. General Condition of the Points: Y R

Gage
10. Heel of Switch
    a. Main: 32 9/16
    b. Turnout: 32 9/16

11. Gage ahead of Bend: 37 9/16

Heel Spread in Inches
    a. Turnout: 6 3/4
    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
16. Missing: N/A
19. Cotter Pins missing: N/A
20. Jam Nuts Loose: N/A
21. Washers: OK Broken: N/A

Remarks on Page 3

JBW/WEW Mod. 08-16-08
Mainline: 1 2
Yard: 
WO #: 2402454

Dates: 10-5-16
Inspection Crew: M. A. Wood, T. Tschisler, W. Bryant

1 Location
2 Switch I.D. #: 124 18
3 Facing: X
4 Trailing
44 Frog Tread: N Y R
45 Frog #: 10
46 Frog Point Condition: Y R
47 Condition of Frog: Y R
48 Surface of Frog: Y R
49 Throat in Inches: 3 1/2
50 Flange Way Depth: Y

Flange Way Depth must not be less than 1 1/2.°

Gage:
51 Main Track: 5 1/2
52 Turnout Track: 5 1/2

Gage must not be less than 56° for any Class

Guard Rails:
53 Guard Rail Gage: N 54 1/4 R 34 3/4
Guard Rail Gage must be less than 54 3/2°
54 Back to Back: N 54 1/4 R 54 3/4
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
Class 2 and note a Y

Remarks on page 3
Frog Point - Back of Wing Getting Rubbed
Poor Surface in Front of Points

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: ___________________________
<table>
<thead>
<tr>
<th>No.</th>
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<tr>
<td>1</td>
<td>Location</td>
<td>10-5-16</td>
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<tr>
<td>2</td>
<td>Switch I.D. #</td>
<td>12x B</td>
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<tr>
<td>3</td>
<td>Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>4</td>
<td>Rail Points</td>
<td>57°/8</td>
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<tr>
<td>5</td>
<td>Point Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>6</td>
<td>Point Throw</td>
<td>Nothing less than 4&quot; or greater than 6&quot; Min 3 1/2&quot; on house top point protector</td>
</tr>
<tr>
<td>7</td>
<td>Point Opening</td>
<td>S 5 1/2 R S 5/16</td>
</tr>
<tr>
<td>8</td>
<td>FR</td>
<td>S Y R</td>
</tr>
<tr>
<td>9</td>
<td>General Condition of the Points</td>
<td>S Y R</td>
</tr>
<tr>
<td>10</td>
<td>Gage</td>
<td>S Y R</td>
</tr>
<tr>
<td>11</td>
<td>Heel of Switch</td>
<td>S 3/4 R S 3/4</td>
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<tr>
<td>12</td>
<td>Tumout</td>
<td>S 3/4 R S 3/4</td>
</tr>
<tr>
<td>13</td>
<td>Stock Rail</td>
<td>S Y R</td>
</tr>
<tr>
<td>14</td>
<td>1st Condition</td>
<td>S Y R</td>
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<tr>
<td>15</td>
<td>Bolts</td>
<td>S Y R</td>
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<tr>
<td>16</td>
<td>Loose</td>
<td>N/A</td>
</tr>
<tr>
<td>17</td>
<td>Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>18</td>
<td>Rivets (Huck Bolts)</td>
<td>S Y R</td>
</tr>
<tr>
<td>19</td>
<td>Cotter Pin missing</td>
<td>N/A</td>
</tr>
<tr>
<td>20</td>
<td>Jam Nut loose</td>
<td>N/A</td>
</tr>
<tr>
<td>21</td>
<td>Washers</td>
<td>OK Broken N/A</td>
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**Switch Rods**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Details</th>
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<tbody>
<tr>
<td>22</td>
<td>Standard Joints</td>
<td>(S Y R N/A)</td>
</tr>
<tr>
<td>23</td>
<td>Switch Plates</td>
<td>(S Y R N/A)</td>
</tr>
<tr>
<td>24</td>
<td>Adjustable Braces</td>
<td>(S Y R N/A)</td>
</tr>
<tr>
<td>25</td>
<td>Non-Adjustable Braces</td>
<td>(S Y R N/A)</td>
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</tbody>
</table>

**Switch Rods (continued)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Details</th>
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<tbody>
<tr>
<td>26</td>
<td>Front Rod</td>
<td>(S Y R N/A)</td>
</tr>
<tr>
<td>27</td>
<td>#1 Rod (Basket Rod)</td>
<td>(S Y R N/A)</td>
</tr>
<tr>
<td>28</td>
<td>#2 Rod</td>
<td>(S Y R N/A)</td>
</tr>
<tr>
<td>29</td>
<td>#3 Rod</td>
<td>(S Y R N/A)</td>
</tr>
<tr>
<td>30</td>
<td>#4 Rod</td>
<td>(S Y R N/A)</td>
</tr>
<tr>
<td>31</td>
<td>Closure Rail</td>
<td>(S Y R N/A)</td>
</tr>
<tr>
<td>32</td>
<td>Surface of Switch</td>
<td>(S Y R N/A)</td>
</tr>
<tr>
<td>33</td>
<td>Head Block ties</td>
<td>(S Y R)</td>
</tr>
<tr>
<td>34</td>
<td>Switch Adjustments</td>
<td>Yes (N/A)</td>
</tr>
<tr>
<td>35</td>
<td>Lubrication</td>
<td>OK Dry</td>
</tr>
<tr>
<td>36</td>
<td>Switch Target / Lamps</td>
<td>OK Missing N/A</td>
</tr>
<tr>
<td>37</td>
<td>Latches</td>
<td>(OK Broken Missing)</td>
</tr>
<tr>
<td>38</td>
<td>Locks</td>
<td>(OK Broken Missing)</td>
</tr>
<tr>
<td>39</td>
<td>General Condition</td>
<td>(S Y R)</td>
</tr>
</tbody>
</table>

**Remarks on Page 3**

JBRWEN Mod. 09-15-09
Mainline | Yard | WO # 2602452
---|---|---
Dates: 10-5-11 | Inspection Crew: M. POLLARD J. SCHISLER W. BRYANT

<table>
<thead>
<tr>
<th>Location</th>
<th>Switch I.D.</th>
<th>Facing</th>
<th>Frog Tread</th>
<th>45 Frog #</th>
<th>Frog Point Condition</th>
<th>Condition of Frog</th>
<th>Surface of Frog</th>
<th>Throat in Inches</th>
<th>Flange Depth</th>
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<tr>
<td></td>
<td>124B</td>
<td>X</td>
<td>N SYR</td>
<td>10</td>
<td>N Y R</td>
<td>N Y R</td>
<td>N Y R</td>
<td>3 3/4</td>
<td>1 3/8</td>
</tr>
</tbody>
</table>

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

**Gage:**
51 Main Track: 5/6 9/16
52 Turnout Track: 5/4 1/2
Gage must not be less than 5/6" for any Class

**Guard Rails:**
53 Guard Rail Gage: N 5/4 1/16 R 5/4 3/16
Guard Rail Gage must be less than 54 3/8°
54 Back to Back: N 5/2 5/16 R 5/2 5/16
Back to Back must be less than 53 1/8°

**Condition:**
56 Location of Guard Rail (Relation to Point) N Y R

**Guard Rail Clearances:**
57 Main Track: N Y R N/A
57 Turnout Track: N Y R N/A

**Class 1 Gage:** 56° to 57 1/2°
More than 57 1/2° Out of Service
**Class 2 Gage:** 56° to 57°
More than 57° to 57 1/4° down grade to

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

**Tie Plates:**
60 Lead N Y R
61 Guard Rail Flangeway N Y R: N 2 1/4 R: 2 3/16
Guard Rail Flangeway must not be less than 1 1/2"
62 Guard Rail Plate N Y R

**Flutes:**
64 Loose 0 N/A

**Rivets (Huck):**
66 Loose 0 N/A
67 Missing 0 N/A
68 Nut Missing 0 N/A
69 Cotter Pins Missing 0 N/A
70 Washers/Non Broken Missing 0 N/A

**Hold Down Devices:**
71 Hold Down Devices N Y R N/A

**Spring Housing:**
72 Spring Housing N Y R N/A

**Derails:**
73 Derails N Y R N/A

**Maximum Difference in any 31" in Cross:**
Level on the siding from the Frog Point to 50" beyond last long tie

**Condition of Line thru entire turnout:**
75 N/Y R

**Remarks on page 3**
Switch 124 B  Date 10-5-10  WO # 260 24.52

RH CV PT 3 1/2" L x 3/16" CHIP OUT OF POINT (130 LBS PRR)
LH ST PT CHIP IN HEEL BLOCK J OINT

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: ________________
Switch Inspection Report / Semi-Annual

<table>
<thead>
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<th>Location</th>
<th>1 Location</th>
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<tbody>
<tr>
<td>Switch I.D. #</td>
<td>124</td>
</tr>
<tr>
<td>Facing</td>
<td>Trailing</td>
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</tbody>
</table>

### Rail Points

| Point to Point | 51 1/2 |
| Point Condition | Y R |
| Point Throw | Nothing less than 4" or greater than 8"
| Minimum 3 1/8" on house top point protector | N 4 3/4 R 4 3/4 |
| Point Opening | N 5 3/4 R 5 3/4 |

### General Condition of the Points
Y R

### Gauge

| Heel of Switch | 5 3/4 |
| Turnout | 5 8/9 |
| Gage ahead of Bend | 5 9/16 |

Must not be less than 56" or more than 57" for "8"

### Heel Spread in Inches

| Turnout | 6 7/16 |
| Main | 6 7/16 |

### Stock Rail

| Bend | Y R |
| Condition | Y R |

### Bolts

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

### Rivets (Husk Bolts)

| Loose | N/A |
| Missing | N/A |
| Cotter Pin missing | N/A |

### Jam Nuts

| Loose | N/A |
| Washer | N/A |

### Switch Rods

| Front Rod | Y R N/A |
| #1 Rod (Basket Rod) | Y R N/A |

### Surface of Switch

| Y R N/A |

Using a 62' cord

- Sw = 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

### Head Block Tie
Y R

### Switch Adjustments
Yes (Y)

### Lubrication
ON Dry

### Switch Target / Lamp
OK Missing N/A

### Latches

| Broken | Missing |

### Locks

| Broken | Missing |

### General Condition
Y R

### Insulated Joints
Y R

**Remarks on Page 3**

JBB Wilson Mod. 09-15-08
Mainline 1 2 Yard WO # 2601880

Dates: 10-5-16 Inspection Crew: M. LOWDER T. SCHISLER W. BRYANT

1 Location
2 Switch I.D. # 12
3 Facing: 
44 Frog Tread N 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 2
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2

Gage:
51 Main Track S 4 1/2
52 Turnout Track S 1/2
Gage must not be less than 86" for any Class

Guard Rails:
53 Guard Rail Gage: N S4 Y R 54 9/16
54 Back to Back Gage: N S2 5/16 R 5/16
Back to Back must not be less than 83 1/8

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

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

Remarks on page 3

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

Tie Plating:
60 Lead Y R

61 Guard Rail Flangeway Y R
61a Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates Y R
63 Frog Plates 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 (O) Broken N/A

71 Hold Down Devices Y R 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

75 Condition of Line thru entire turnout Y R
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: ___________________________
<table>
<thead>
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<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>WO #</th>
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<tbody>
<tr>
<td>Dates</td>
<td>10-5-16</td>
<td></td>
<td></td>
<td>260 2450</td>
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<tr>
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<tr>
<td>Switch I.D. #</td>
<td>126</td>
<td></td>
<td>22 Standard Joint</td>
<td>(3) Y R N/A</td>
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<tr>
<td>Facing</td>
<td>Trailing</td>
<td></td>
<td>23 Switch Plates</td>
<td>(3) Y R N/A</td>
</tr>
<tr>
<td>Rail Points</td>
<td></td>
<td></td>
<td>24 Adjustable Braces</td>
<td>(3) Y R N/A</td>
</tr>
<tr>
<td>4 Point to Point</td>
<td>S1 1/2</td>
<td></td>
<td>25 Non-Adjustable Braces</td>
<td>(3) Y R N/A</td>
</tr>
<tr>
<td>5 Point Condition</td>
<td>(3) Y R</td>
<td></td>
<td>26 Switch Rods</td>
<td>(5) Y R N/A</td>
</tr>
<tr>
<td>Point Throw</td>
<td>Nothing less than 4&quot; or greater than 5&quot;</td>
<td></td>
<td>28 #2 Rod</td>
<td>(5) Y R N/A</td>
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<tr>
<td>Min 2 1/2&quot; on house top point protector</td>
<td>N 4 1/4 R 4 1/4</td>
<td></td>
<td>29 #3 Rod</td>
<td>(5) Y R N/A</td>
</tr>
<tr>
<td>6 Point Opening</td>
<td>N 5 R 5</td>
<td></td>
<td>30 #4 Rod</td>
<td>(5) Y R N/A</td>
</tr>
<tr>
<td>7 Right</td>
<td></td>
<td></td>
<td>31 Closure Rail</td>
<td>(3) Y R N/A</td>
</tr>
<tr>
<td>8 Left</td>
<td></td>
<td></td>
<td>32 Surface of Switch</td>
<td>(5) Y R N/A</td>
</tr>
<tr>
<td>9 General Condition of the Points</td>
<td>(3) Y R</td>
<td></td>
<td>33 Head Block Ties</td>
<td>(3) Y R</td>
</tr>
<tr>
<td>Gage</td>
<td></td>
<td></td>
<td>34 Switch Adjustment</td>
<td>Yes</td>
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<tr>
<td>10 Heel of Switch</td>
<td></td>
<td></td>
<td>35 Lubrication</td>
<td>OK</td>
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<tr>
<td>a) Main</td>
<td>S6 1/4</td>
<td></td>
<td>36 Switch Target / Lamp</td>
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</tr>
<tr>
<td>b) Turnout</td>
<td>S6 1/4</td>
<td></td>
<td>37 Latches</td>
<td>(OK) Broken</td>
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<tr>
<td>11 Gage ahead of Band</td>
<td>S6 1/4</td>
<td></td>
<td>38 Locks</td>
<td>(OK) Broken</td>
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<tr>
<td>Must not be less than 55° or more than 67° for &quot;S&quot;</td>
<td></td>
<td></td>
<td>39 General Condition</td>
<td>(3) Y R</td>
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<tr>
<td>Heel Spread in inches</td>
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<td></td>
<td>40 Insulated Joints</td>
<td>(3) Y R</td>
</tr>
<tr>
<td>a) Turnout</td>
<td>(3) 1/4</td>
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<tr>
<td>a) Main</td>
<td>(3) 1/4</td>
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Remarks on Page 3

J.S.W. WEN Mod. 08-15-08
<table>
<thead>
<tr>
<th>Location</th>
<th>2 Switch ID.</th>
<th>3 Facing</th>
<th>4 Frog Tread</th>
<th>5 Turnout Track</th>
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<tr>
<td></td>
<td>126</td>
<td>N</td>
<td>R</td>
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<th>Frog #</th>
<th>Frog Point Condition</th>
<th>Condition of Frog</th>
<th>Surface of Frog</th>
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<td>Y R</td>
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<th>Throat in Inches</th>
<th>Flangesway Depth</th>
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<tbody>
<tr>
<td>3 1/2</td>
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**Flangesway Depth must not be less than 1 1/2"**

**Guard Rail Gage**

- 53 Guard Rail Gage: N 54 1/2 R 54 1/2
- Back to Back: N 52 1/2 R 52 1/2

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

**Guard Rail Clearance**

- 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 2 Gage 56" to 57"**
- More than 57" to 57 1/4" downgrade to

| Remarks on Page 3 |

**Class 2 and set a Y**

**Turnout Tie**

- 58 Condition: Y R
- 59 Rail Movement: Y R

**Tie Plates**

- 60 Lead: Y R
- 61 Guard Rail Flangesway: Y R N 7/16 R 1/8
  - Guard Rail Flangesway can not be less 1 1/2"

**Gap**

- 62 Guard Rail Plates: Y R
- 63 Frog Plates: Y R

**Sockets**

- 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

**Hold Down Devices**

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

**Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 56' beyond last long tie**

**Condition of Line thru entire turnout**

- Y R
Switch: 126  
Date: 10-5-16  
WO #: 26012450

- JT STOCK RAIL - MICRO CRACKING
- ST CLOSURE RAIL - MICRO CRACKING
- WHEELBURLN ST STOCK RAIL - 2 SPOTS
- FROG POINT - MICRO CRACKING

All rules comply with the MTA Field Guide for Track Inspections updated April 2008.

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: ___________________________
Switch Inspection Report / Semi-Annual

Date: 10-6-16  Inspection Crew: M. Pullen, J. Schlepp, M. Bryant, R. Nelson

1 Location
2 Switch I.D. # 911A
3 Facing: X Trailing

Rail Points
4 Point to Point 51
5 Point Condition (Y) Y, R
6 Point Throw Nothing less than 4" or greater than 8"
   Min 3 1/2" on house top point protector
   N 5 5
   R 5
7 Point Opening
   N 5 3/8
   R 5 3/8

Point Spacing
3 Y, R

General Condition of the Points
(Y) Y, R

Gage:
10 Heel of Switch
a) Main 33/8
b) Turnout 33/8
11 Gage ahead of Bend 33/4
Must not be less than 55° or more than 67° for "S"

Heel Spread in Inches
a) Turnout 6
b) Main 6 3/4

Stock Rail
13 Bend
(Y) Y, R
14 Condition
(Y) 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 0 Missing

Switch Rods
26 Front Rod
(Y) Y, R
27 #1 Rod (Basket Rod)
(Y) Y, R

28 #2 Rod
(Y) Y, R
29 #3 Rod
(Y) Y, R
30 #4 Rod
(Y) Y, R
31 Closure Rail
(Y) Y, R

32 Surface of Switch
(Y) Y, R
Using a 32" 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 tie
(Y) 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) Y, R

40 Insulated Joints
(Y) Y, R

Remarks on Page 3

JNWVEM Mgd. 09-15-08
Frog Inspection Report / Semi-Annual

Mainline 1 2 Yard __________________ WO # 2602474

Date: 10-6-16 Inspection Crew: M. PAUL, T. SCHISLER, W. T. BRYANT, R. W. NELSON

1 Location
2 Switch I.D. #: 94 1/2
3 Facing X Trailing
44 Frog Tread N Y R
6 Y R
45 Frog # 2
46 Frog Point Condition
6 Y R
47 Condition of Frog
6 Y R
48 Surface of Frog
6 Y R
49 Throat in Inches: 3 3/8
50 Flangeway Depth
Flangeway Depth must not be less than 1 1/2".

Gage
51 Main Track: 36 1/2
52 Turnout Track: 36 3/8
Gage must not be less than 56" for any Class.

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

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

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

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

Class 2 and Geta a Y

Remarks on page 3
Switch 941A  Date 10-6-16  WO # 2602424

Showing side (GAP on Free 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

Reviewed by: ____________________________ Date: ____________________________
Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard WO # 260 1996

Location 10-6-1b Inspection Crew PAUL J. SCHISLER W. BRAZIL R. NELSON

2 Switch I.D. # 124-38
3 Facing. Trailing

Rail Points
4 Point to Point 5' 3/8"
5 Point Condition 3 Y R
6 Point Throw Nothing less than 4" or greater than 6"
Min 3 1/2" on house top point protector
N = 3 7/8" R = 4 3/8"

7 Point Opening
N 5 R 5
8 Fr

9 General Condition of the Points 3 Y R

Gage:
10 Heel of Switch 3/8"
a) Main 3/8"
a) Tumout 3/8"
11 Gage ahead of Bend 3/8"
Must not be less than 50" or more than 57" for "S"

Heel Spread in Inches
4) Tumout 3/4"
a) Main 3/4"

Stock Rail
13 Band 3 Y R
14 Condition 3 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 N/A

Switch Rods
26 Front Rod 3 Y R N/A
27 #1 Rod (Basket Rod) 3 Y R N/A
28 #2 Rod 3 Y R N/A
29 #3 Rod 3 Y R N/A
30 #4 Rod 3 Y R N/A
31 Closure Rail 3 Y R N/A
32 Surface of Switch 3 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 tie 3 Y R
34 Switch Adjustments
35 Lubrication OK N/A
36 Switch Target / Lamp
OK Missing N/A
37 Latches
OK Broken N/A
38 Locks
OK Broken N/A
39 General Condition 3 Y R

40 Insulated Joints 3 Y R

Remarks on Page 3

JEBWEM Mod. 09-15-00
Frog Inspection Report / Semi-Annual

Mainline 1 2 Yard WO # 260196

Date 10-6-16 Inspection Crews POUJAUD, SCHISLER, W. BRYANT, R. NELSON

1 Location
2 Switch I.D. 
3 Facing (Trailing)
44 Frog Tread N Y R
R Y R
45 Frog # 10
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 (Flangeway Depth must not be less than 1 1/2"

51 Main Track Gage 5 3/8
52 Turnout Track Gage must not be less than 50" for any Class

53 Guard Rail Gage N 54 9/16 R 54 3/8"
Guard Rail Gage must be less than 54 3/8"
4 Back to Back N 52 3/4 R 52 3/4"
Back to Back must be less than 53 1/8"

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

56 Guard Rail Clamps
58 Main Track (Y R) N/A
57 Turnout Track (Y R) N/A

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

59 Turnout Ties
56 Condition (Y R)
50 Rail Movement (Y R)

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

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

66 Loose N/A
67 Missing N/A
69 Cotter Pin Missing 0 N/A
70 Washers OK Broken Missing

71 Hold Down Devices (Y R) N/A
72 Spring Housing 8 Y R (N/A)
73 Derails 8 Y R (N/A)

74 Maximum difference in any 31" in Cross
Level on the sliding 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 124 38 | Date 10-6-16 | WO # 2601999

FROG PT - MICRO CRACKING/SHELLING
R.H. PT MICRO CRACKING

All rules comply with the MTA Field Guide for Track Inspections updated April 2009
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: ________________________________
Switch Inspection Report / Semi-Annual

Date: 10-6-16
Inspection Crew: M Pollard, T Schisler, W Bryant, R Nelson

Number 1 2 Yard WO # 2401886

1 Location
2 Switch I.D. # 9436
3 Facing X Trailing

Rail Points
4 Point to Point 50 12
5 Point Condition
6 Point Throw Nothing less than 4" or greater than 8"
Min 3 1/2" on house top point protectors
N 4 7/8 R 4 7/8
7 Point Opening
N 5 1/2 R 5 1/2
8 Froth
9 Y R

9 General Condition of the Points
Y R

Cage
10 Heel of Switch
a) Main 36 5/8
b) Tumout 56 13/16
11 Gage ahead of Bend 50 1/4
Must not be less than 59" or more than 67" for "S"

Heel Spread in Inches
a) Tumout (2/3
b) Main 1 1/4

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 Jam Nuts Loose 0 N/A
21 Washers OK Broken 0 N/A

Remarks on Page 3
JBWWEM Mod. 09-15-08

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

Switch Rods
26 Front Rod
27 #1 Rod (Basket Rod)

28 #2 Rod
29 #3 Rod
30 #4 Rod
31 Closure Rail

32 Surface of Switch
Y R N/A

Using a 63' 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 tie
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
Mainline: 1 2 Yard  WO#: 2601886
Date: 10-6-16 Inspection Crew: M Pollard T Schisler W Bryant R Nelson

1 Location
2 Switch I.D. # 94 3R
3 Facing X Tailing
44 Frog Tread N 3Y R
5 R 3Y R

48 Frog #
48 Frog Point Condition 3Y R
47 Condition of Frog 3Y R
48 Surface of Frog 3Y R

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

Gage
51 Main Track 52 1/8
52 Turnout Track 52 1/8
Gage must not be less than 52" for any Class

Guard Rails
53 Guard Rail Gage: N 52 5/16 R
Guard Rail Gage must be less than 54 3/8"
4 Back to Back N 52 3/4 R 52 9/16
Back to Back must be less than 53 1/8"

54 Condition 3Y R
55 Location of Guard Rail (Relation to Point) 3Y R

Guard Rail Cliers
56 Main Track 3Y R N/A
57 Turnout Track 3Y R N/A

Class 1 Gage 58" to 57 1/2"
More than 57 1/2" Out of Service
Class 2 Gage 56" to 57"
More than 57" to 57 1/4" downgrade to Class 2 and get a Y

Turnout Tee
58 Condition 3Y R
59 Rail Movement 3Y R

Tie Plates
60 Lead 3Y R
61 Guard Rail Flangeway 3Y R
62 Guard Rail Plates 3Y R
63 Frog Plates 3Y 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 3Y R N/A
72 Spring Housing 3Y R N/A
73 Derails 3Y R N/A

74 Maximum difference in any 31" in Cross Level on the siding from the Frog Point to 90' beyond last long tie
Difference

75 Condition of Line thru entire turnout 3Y 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

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

Date: 10-6-10
Inspection Crew: Pollard, Spisler, Bryant, Nelson

Location: [Location Information]
Switch I.D. #: 94 118
Facing: Trailing

Rail Points
4 Point to Point: 51
5 Point Condition: Y R
6 Point Throw: Nothing less than 4" or greater than 5"
   Min 3 1/2" on house top point protector
   N R S
7 Point Opening: N 5 1/4 R 5 7/16
8 FT: Y R
9 General Condition of the Points: Y R

Gage
10 Heel of Switch
a) Main 5 3/4
b) Turnout 5 7/8
11 Gage ahead of Bend 5 3/4
   Must not be less than 55° or more than 67° for "S"
   Heel Spread in Inches
a) Turnout 6 1/4
   a) Main 6 1/4

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 Jam Nuts Loose 0 N/A
21 Washers (OK) Broken 0 Missing

Switch Rods
20 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 63/4 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
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

JBBWEM Mod. 09-15-08
Date: 10-6-16

Inspection Crew: M. Poupart, J. Nelson.

1 Location
2 Switch I.D. #: 941B
3 Facing: Trailing
44 Frog Track: N SY R
46 Frog #:
46 Frog Point Condition: SY R
47 Condition of Frog: SY R
48 Surface of Frog: SY R
49 Throat In Inches: 3 1/4
50 Flangeway Depth:
   Flangeway Depth must not be less than 1 1/2".

Gage
51 Main Track: 5 1/4
52 Turnout Track: 9 1/4
   Gage must not be less than 66" for any Class

Guard Rails
53 Guard Rail Gage: N 5 3/4 R
   Guard Rail Gage must be less than 64 3/8"
54 Back to Back: N 5 23/4 R 5 29/16
   Back to Back must be less than 53 1/8"

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

Guard Rail Cleamps
58 Main Track: N/A
57 Turnout Track: N/A

Class 1 Gage 56" to 67 1/2" More than 57 1/2" Out of Service
Class 3 Gage 56" to 57"

Class 2 and note a Y

Remarks on page 3
Switch: 94 1B  Date: 10-6-16  WO #: 2602426

- 3 - 11'
- 1 - 10'
- 2 - MOVEMENT TIMBER - ROTTED
- RH CV PT SIDEWEAR

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: ________________
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<td>10-6-16</td>
<td>Inspection Crew</td>
<td>Pollard, T. Schuster, W. Bryant, R. Nelson</td>
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**1 Location**
2 Switch I.D. # 94-30
3 Facing: Trailing

**Rail Points**
4 Point to Point 51 3/8
5 Point Condition
6 Point Throw Nothing less than 4" or greater than 6"
   Min 3 1/2" on house top point protector
   N 4 3/8
   R 4 5/8
7 Point Opening
   N 3 1/6
   R 5 1/8
8 Fit
9 General Condition of the Points
   Y R

**Gage**
10 Heel of Switch
   a) Main 56 3/4
   b) Turnout 56 3/16
11 Gage ahead of Bend 56 3/8
   Must not be less than 56" or more than 67" for "S"
7 Heel Spread in Inches
   a) Turnout 1 1/4
   b) Main 1 3/8

**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 Jam Nuts Loose 0 N/A
21 Washers OK Broken 0 N/A Missing 0 N/A

**Switch Inspection Report / Semi-Annual**

**Remarks on Page 3**

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

Mainline 1 2 Yard ________________  WO # 2601884

Date 10-06-16 Inspection Crew M. BOUARD S. SCHLIER T. BEYANT R. NELSON

1 Location
2 Switch I.D. # 9430
3 Facing Trailing
44 Frog Tread N S Y R
R S Y R

45 Frog # 12
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"

Gage
51 Main Track 52 3/4
52 Turnout Track 50 3/8
Gage must not be less than 66" for any Class

Guard Rails
53 Guard Rail Gage N 54 1/16 R
Guard Rail Gage must be less than 64 3/8"
54 Back to Back N 52 3/8 R 52 3/8
Back to Back must be less than 53 1/8"

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

Guard Rail Clamps
56 Main Track S Y R N/A
57 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 1/4" downgrade to

Class 2 and pega 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 must be less than 1 1/2"
62 Guard Rail Plates S Y R
63 Frog Plates S Y R

Bolts
64 Loose N/A
65 Missing N/A

Bolts (Huck)
66 Loose N/A
67 Missing N/A
68 Nut Missing N/A
69 Cotter Pin Missing N/A
70 Washer (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
58" beyond last long tie
Difference

75 Condition of Line thru entire turnout
S Y R

Remarks on page 3
FROG POINT BEING STRUCK HARD & WING RAIL SIDE WORN ON FROG

All rules comply with the MTA Field Guide for Track Inspections updated April 2008

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: ___________________________
Switch Inspection Report / Semi-Annual

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<td>Rail Point</td>
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<td>4 Point to Point</td>
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<td>5 Point Condition</td>
<td>S Y R</td>
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<tr>
<td>6 Point Throw</td>
<td>Nothing less than 4&quot; or greater than 8&quot;</td>
<td>Min 3 1/2&quot; on house top point protector</td>
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<tr>
<td>7 Point Opening</td>
<td>N S R S</td>
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<td>S Y R</td>
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<tr>
<td>9 General Condition of the Points</td>
<td>S Y R</td>
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</table>

**Questions:**

10 Heel of Switch
   a) Main | S Y R | 53/6 |
   b) Turnout | S Y R | 56/3 |

11 Gage ahead of Bend | 56 3/4 |
Must not be less than 55" or more than 87" for "S"

12 Heel Spread in Inches
   a) Turnout | S Y R | 56/3 |
   b) Main | S Y R | 56/3 |

**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 | 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 Switch Rods | S Y R | N/A |   |      |           |
27 #1 Rod (Harpoon 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 #5 Rod | S Y R | N/A |   |      |           |
32 Surface of Switch | S Y R | N/A |   |      |           |
33 Head Block ties | S Y R |   |      |      |           |
34 Switch Adjustments | Yes | No |   |      |           |
35 Lubrication | OK | N/A |   |      |           |
36 Switch Target / Lamp | 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**

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

Page 2 of 3

Mainline 1 2 Yard WO # 2601878

Date 10-11-16 Inspection Crews

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

113

Y R

R

R

3

1 16

Gage

51 Main Track
52 Turnout Track

56%

Gage must not be less than 56" for any Class

Guard Rails

53 Guard Rail Gage
4 Back to Back

N

S

R

S

3 16

Guard Rail Gage must be less than 56 3/8"

Back to Back must be less than 56 1/8"

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

Y R

Y R

Guard Rail Clamps

56 Main Track
57 Turnout Track

Y R

Y R

N/A

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" down grade to

Class 2 and gets a Y

Remarks on page 3

Turnout Ties

58 Condition

Y R

59 Rail Movement

Y R

Tie Plates

60 Lead

Y R

61 Guard Rail Flange way

Y R N 3/4 R 3/4

Guard Rail Flange way can not be less than 1 1/2"

62 Guard Rail Plates

Y R

63 Frog Plates

Y R

Bolts

64 Loose

65 Missing

N/A

N/A

Rail Rivets (Huck)

66 Loose

67 Missing

N/A

N/A

68 Nuts Missing

69 Cotter Pins Missing

N/A

N/A

70 Washers Broken Missing

71 Hold Down Devices

Y R N/A

72 Spring Housing

Y R N/A

73 Derails

Y R N/A

74 Maximum difference in any 31" in Cross

75 Condition of Line thru entire turnout

Level on the siding from the Frog Point to

60" beyond last long tie

Difference

Y R
SMALL GAP RH ST PT

All rules comply with the MTA Field Guide for Track Inspections updated April 2008

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: ____________________
Switch Inspection Report / Semi-Annual

Date: 10-11-16
Inspection Crew: SCHISLER, W. BRYANT, A. LABETTE

Location
2 Switch I.D. # 124 - 3
3 Facing ____________ Trailing ____________

Rail Points
4 Point to Point ____________ 51 3/16 ____________
5 Point Condition ____________ Y R ____________
6 Point Throw Nothing less than 4" or greater than 5" Min 3 1/2" on house top point protector:
N 4 4 8 8 R 4 4 8

7 Point Opening N ____________ S ____________ R ____________ S ____________

8 PR ____________ Y R ____________

9 General Condition of the Points ____________ Y R ____________

10 Heel of Switch a) Main ____________ 5/16 ____________
   b) Turnout ____________ 5/32 ____________
11 Gage ahead of Bend ____________ 5/32 ____________
Must not be less than 66" or more than 67" for "S"

12 Heel Spread in Inches
a) Turnout ____________ 6 3/4 ____________
a) Main ____________ 6 3/4 ____________

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 Pin missing ____________ 0 N/A ____________

20 Jam Nuts Loose ____________ 0 N/A ____________
21 Washers ____________ OK Broken ____________ Missing ____________

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

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

32 Surface of Switch
3) Y R N/A ____________
Using a 62" cord
Se = Up to 1" Max allowed Speed
Ye = 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
3) Y R ____________
34 Switch Adjustments
Yes (Y) ____________

35 Lubrication
OK (Dry) ____________
36 Switch Target / Lampa
OK Missing ____________

37 Latches
OK Broken ____________ Missing ____________
38 Locks
OK Broken ____________ Missing ____________

39 General Condition
3) Y R ____________
40 Insulated Joints
3) Y R ____________

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

**Mainline:** 1 2  
**Yard:** WO #: 2601994

**Date:** 10-1-16  
**Inspection Crew:** [Signature]

<table>
<thead>
<tr>
<th>Location</th>
<th>Switch I.D. #</th>
<th>Facing</th>
<th>Frog #</th>
<th>Frog Point Condition</th>
<th>Condition of Frog</th>
<th>Surface of Frog</th>
<th>Throat in Inches</th>
<th>Flangeway Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Tailing</td>
<td>44</td>
<td>N R Y R</td>
<td>S Y R</td>
<td>S Y R</td>
<td>3 3/8</td>
<td>Minimum 1 1/2&quot;</td>
</tr>
</tbody>
</table>

**Gage:**

- 51 Main Track: 56 1/4
- 52 Turnout Track: 56 7/6

Gage must not be less than 56" for any Class.

**Guard Rails:**

- 53 Guard Rail Gage: N 54 1/4 R 54 1/4
- Back to Back: N 52 7/4 R 52 13/16

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

**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 Class 2 and gets a Y

**Remarks on page 3**

<table>
<thead>
<tr>
<th>Turnout Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>59 Condition</td>
</tr>
<tr>
<td>59 Rail Movement</td>
</tr>
<tr>
<td>Tie Plates</td>
</tr>
<tr>
<td>60 Lead</td>
</tr>
<tr>
<td>Guard Rail Flangeway</td>
</tr>
<tr>
<td>Guard Rail Flangeway can not be less 1 1/2&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bolts</th>
</tr>
</thead>
<tbody>
<tr>
<td>64 Locoe 0 N/A</td>
</tr>
<tr>
<td>66 Missing 0 N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rivets (Huck)</th>
</tr>
</thead>
<tbody>
<tr>
<td>66 Locoe 0 N/A</td>
</tr>
<tr>
<td>67 Missing 0 N/A</td>
</tr>
<tr>
<td>69 Nut Missing 0 N/A</td>
</tr>
<tr>
<td>70 Cotter Pin Missing 0 N/A</td>
</tr>
<tr>
<td>70 Washer OK Broken Missing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hold Down Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>71 S Y R N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>72 S Y R N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Derails</th>
</tr>
</thead>
<tbody>
<tr>
<td>73 S Y R N/A</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Condition of Line thru entire turnout</th>
</tr>
</thead>
<tbody>
<tr>
<td>75 S Y R</td>
</tr>
</tbody>
</table>

*Note: All measurements and conditions are based on visual inspection and may not reflect current rail conditions.*
Pb Gap RH St Pt
RH St Pt - Hickeo Cracks
Frog Pt - Shelled

All rules comply with the MTA Field Guide for Track Inspections updated April 2008

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: ____________________________
Switch Inspection Report / Semi-Annual

<table>
<thead>
<tr>
<th>Location</th>
<th>22 Standard Joints</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Switch I.D. #</td>
<td>9</td>
</tr>
<tr>
<td>3 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>Roll Points</td>
<td>24 Adjustable Braces</td>
</tr>
<tr>
<td>4 Point to Point</td>
<td>5</td>
</tr>
<tr>
<td>5 Point Condition</td>
<td>Y</td>
</tr>
<tr>
<td>6 Point Throw</td>
<td>Nothing less than 4&quot; or greater than 8&quot;</td>
</tr>
<tr>
<td>Min 3 1/2&quot; on house top point protector</td>
<td>N</td>
</tr>
<tr>
<td>7 Point Opening</td>
<td>N</td>
</tr>
<tr>
<td>8 Fit</td>
<td>Y</td>
</tr>
<tr>
<td>9 General Condition of the Points</td>
<td>Y</td>
</tr>
<tr>
<td>Garage</td>
<td>10 Heel of Switch</td>
</tr>
<tr>
<td>a) Main</td>
<td>56 3/8</td>
</tr>
<tr>
<td>a) Turnout</td>
<td>56 3/8</td>
</tr>
<tr>
<td>11 Gauge ahead of Bend</td>
<td>36 7/8</td>
</tr>
<tr>
<td>Must not be less than 66&quot; or more than 67&quot; for 5&quot;</td>
<td></td>
</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td>a) Turnout</td>
</tr>
<tr>
<td>a) Main</td>
<td>6 3/8</td>
</tr>
<tr>
<td>Stock Rail</td>
<td>13 Bend</td>
</tr>
<tr>
<td>14 Condition</td>
<td>Y</td>
</tr>
<tr>
<td>Bots</td>
<td>15 Loose</td>
</tr>
<tr>
<td>16 Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>Rivets (Huck Bots)</td>
<td>17 Loose</td>
</tr>
<tr>
<td>18 Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>19 Cotter Pins missing</td>
<td>N/A</td>
</tr>
<tr>
<td>20 Jam Nuts Loose</td>
<td>N/A</td>
</tr>
<tr>
<td>21 Washers</td>
<td>OK</td>
</tr>
</tbody>
</table>

Remarks on Page 3

JBW/VEM Mod. 09-15-08
Mainline 1 2 Yard WO # 2602002

Date 10-11-14 Inspection Crew: T SCHRCEL W BRYANT A BABETTE

1 Location
2 Switch I.D. # 91-3
3 Facing N Y R
44 Frog Track N Y R
56 Frog Track # 6
48 Frog Point Condition Y R
47 Condition of Frog Y R
46 Surface of Frog Y R
49 Throat In Inches 3 3/4
53 Flange Way Depth Y R

Flange Way Depth must not be less than 1 1/2"

Gage
51 Main Track 5 3/4
52 Turnout Track 5 7
Gage must not be less than 56" for any Class

Guard Rail
53 Guard Rail Gage N 5 Y R 4 Y R
54 Back to Back N 5 3/4 5 3/4
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 Y R N/A
57 Turnout Track Y R N/A

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

Class 2 and Ppars Y

Remarks on Page 3
RH CV PT - SIDEWELL -
PH ST STORE RAIL - SIDEWELL
40 - LOOSE SCREW JAMER
2'-10"
2'-11"
3'-12"
3'-13"
2'-15"

MICRO CRACKING - FROG POINT PLUS SHELLING

All rules comply with the MTA Field Guide for Track Inspections updated April 2008
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: ____________
Switch Inspection Report / Semi-Annual

Mainline: 1 2 Yard: 

Date: 10-11-16, Inspection Crew: T Schisler, W Bryant, A Rabatte, WO #: 2602138

1 Location
2 Switch I.D. #: 121
3 Facing: Trailing

Rail Points:
4 Point to Point: 5 1/2
5 Point Condition: Y R
6 Point Throw: Nothing less than 4" or greater than 6"
   Min 3 1/2" on house top point protector
   N: 4 3/16 R: 4 3/16
7 Point Opening
   N: 4 1/8 R: 4 1/8
8 FL: Y R
9 General Condition of the Points
   Y R

Gage:
10 Heel of Switch
   a) Main: 5 1/4
   a) Turnout: 5 1/4
11 Gage ahead of Bend: 5 1/4
   Must not be less than 56° or more than 67° for "8"

12 Heel Spread in inches
   a) Turnout: 5 1/4
   a) Main: 5 1/4

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

20 Jam Nuts Loose: N/A
21 Washers: OK Broken: N/A

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

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 6" 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 / Lamp
   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

JW/WEM Mod. 09-15-08
<table>
<thead>
<tr>
<th>Location</th>
<th>Switch I.D. #</th>
<th>Facing</th>
<th>Frog Tread</th>
<th>Frog #</th>
<th>Frog Point Condition</th>
<th>Condition of Frog</th>
<th>Surface of Frog</th>
<th>Thrust in Inches</th>
<th>Flangeway Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>N</td>
<td>121</td>
<td>Y R</td>
<td>Y R</td>
<td>Y R</td>
<td>3 3/8</td>
<td></td>
</tr>
</tbody>
</table>

**Gage**
- 51 Main Track: 5 0 7/8
- 52 Turnout Track: 5 Y R

Gage must not be less than 56" for any Class

**Guard Rails**
- 53 Guard Rail Gage: N 5 Y R 5 4/12

Guard Rail Gage must be less than 54 3/8"
- Back to Back: N 5 2 3/8 R 5 2 7/8

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

**Turnout Ties**
- 58 Condition: 5 Y R
- 59 Rail Movement: 5 Y R
- 60 Lead: 5 Y R
- 61 Guard Rail Flangeway: S Y R N 5 3/8 R 1 3/4

Guard Rail Flangeway can not be less 1 1/2"
- 62 Guard Rail Plates: 5 Y R
- 63 Frog Plates: 5 Y R

**Bolts**
- 64 Loose: ○ N/A
- 68 Missing: ○ N/A

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

**71 Hold Down Devices**
- 5 Y R N/A
- 72 Spring Housing: 5 Y R N/A
- 73 Derail: 5 Y R N/A

**74 Maximum difference in any 31' in Cross**
Level on the siding from the Frog Point to 58' beyond last long tie
- OK Difference

**75 Condition of Line thru entire turnout**
- 5 Y R

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

Reviewed by: __________________________ Date: __________________________