Frog Inspection Report / Semi Annual

Mainline: # 2 Yard: ____________

Date: 7-31-14 Inspection Crew: A. Jefferson

WO #: 1575903

41 Location: Milford Mills
42 Switch I.D. #: 3B
43 Facing: Trailing X
44 Frog Tread: N S/Y R R S/Y R
45 Frog #: ____________
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: 3/4
50 Flangeway Depth: ____________
   Flangeway Depth must not be less than 1 1/2"
51 Gage: ____________
52 Turnout Track: 56 1/8"
   Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage: N S 4/5 R 5 1/8"
   Guard Rail Gage must be less than 54 3/8"
54 Back to Back: N 52 3/8 R 2/3"
   Back to Back must be less than 53 1/8"

55 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

Remarks on page 3

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

Tie Plates
60 Lead: S Y R
61 Guard Rail Flangeway: S Y R N 2/3 R
Guard Rail Flangeway can 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

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 ____________

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
Switch 3-13

Out of Service
Poor Ties
Shoulder deco needs to be replaced RH

frac #8 3-15

Out of Service
Poor Ties

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:
Work Order Tracking (Tr)

Find Work Order

List | Work Order | Plans | Actuals | Activities | Measurements | Axle Configuration | Related Records | Safety Plan | Log

Service Address | Map

Work Order: 1576899

Classification: MTA | METRO

Classification Description: MTA - METRO

Asset: 1246807

Alias: MM1A

Location: 439WSMUM1

Work Location:

* Work Type: PM

Status: APPR

Status Date: 07/30/14 09:54:00 AM

Reported By: MTACRON

Phone:

Reported Date: 07/28/14 03:00:16 AM

On Behalf Of:

Contract:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

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Switch Inspection Report / Semi Annual

<table>
<thead>
<tr>
<th>Mainline</th>
<th>Yard</th>
<th>WO#</th>
</tr>
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<tbody>
<tr>
<td># 2</td>
<td></td>
<td>1575899</td>
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</table>

<table>
<thead>
<tr>
<th>Date:</th>
<th>Inspection Crew</th>
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<tbody>
<tr>
<td>7-31-14</td>
<td></td>
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<table>
<thead>
<tr>
<th>1 Location</th>
<th>Milford Mills</th>
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<tbody>
<tr>
<td>2 Switch I.D. #</td>
<td>1A</td>
</tr>
<tr>
<td>3 Facing</td>
<td>X Trailing</td>
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</table>

### Rail Points

<table>
<thead>
<tr>
<th>4 Point to Point</th>
<th>5.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Point Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>6 Point Throw, nothing less than 4 3/4 inches</td>
<td>N 4 3/4 R</td>
</tr>
<tr>
<td>7 Point Opening</td>
<td>N 4 3/4 R</td>
</tr>
<tr>
<td>8 Fit</td>
<td>S Y R</td>
</tr>
<tr>
<td>9 General Condition of the Points</td>
<td>S Y R</td>
</tr>
</tbody>
</table>

### Gage

10 Heel of Switch
- a) Main 5 6/4
- a) Turnout 5 6/4

11 Gage ahead of Bend 5 6/4

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

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

### Stock Rail

13 Bend
- S Y R
14 Condition
- S Y R

### Bolts

15 Loose V 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 V N/A
21 Washers OK Broke 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   # 2       Yard
Date: 3-31-20
Inspection Crew: A. Seifferle

41 Location    Milford Mills
42 Switch I.D. #    1A
43 Facing    X    Trailing
44 Frog Tread    N    SY R
                  R    SY R
45 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 Flangeeway Depth      2
**Flangeeway Depth must not be less than 1 1/2**

**Gage**
51 Main Track  54 1/2
2 Turnout Track  57
**Gage must not be less than 56** any Class

**Guard Rails**
53 Guard Rail Gage    N    54 7/8
**Guard Rail Gage must be less than 54 3/8**
54 Back to Back    N    54 7/8
**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

**Remarks on page 3**

**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 178 0 0
**Guard Rail Flangeway can be less than 1-1/2**
62 Guard Rail Plates
    S Y R
63 Frog Plates
    S Y R

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

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

**Hold Down Devices**
71
    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

WO # 1575899
Date: ___________  Mainline / Yard: ML - 2  Switch #: MM - 1A  WO #: 1575899

Switch 1-A

Poor Ties
Out of Solder

Frog #8 1-A

Poor Ties
Out of Solder

Frog: Wire Rail Broken Bolts 1 Hook Bolts in Joint of Wing Rail

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: [Signature]
Work Order Tracking (Tr)

Find Work Order

Select Action

List | Work Order | Plans | Actuals | Activities | Measurements | Axle Configuration | Related Records | Safety Plan | Log

Service Address | Map

Work Order: 1684433

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246728 ➤ METRO MOW SWITCH RP1B CHAIN MARK = 391W+

Alias: RP1B

Location: 391WSWRP11 ➤ Chain Markers West, Milford Mill Interlock, METRO MOW S

Work Location:

• Work Type: PM

Status: APPR

Status Date: 08/04/14 12:47:03 PM

Reported By: MTTACRON

Phone:

Reported Date: 08/04/14 03:03:06 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

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