Work Order Tracking (Tr)

Work Order: 1654647  METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246634  METRO MOW SWITCH RASA CHAIN MARK = 346W+10

Alias: RASA

Location: 346WSWRA

Chain Markers West, Reisterstown Plaza Interlock, METRO

Work Location:

Work Type: PM

Status: APPR

Status Date: 08/30/14 02:28:03 PM

Reported By: MTACRON

Phone:

Reported Date: 09/20/14 03:02:55 AM

On Behalf Of:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET

Fleet Assets

Status: OPERATING

Operating

Asset Condition:

Address Information

Service Address:

Formatted Address:

Street Address:

City:

State/Province:

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=193&csrf...  9/30/2014
Switch Inspection Report / Semi Annual

Mainline _______ 2 _______ Yard ____________ WO# 1654647

Date: 10/3/2014 Inspection Crew Jefferson, Greenwood, Nelson, Dennis

1 Location Rogers Ave.
2 Switch I.D. # RA-9A
3 Facing X Trailing

Rail Points
4 Point to Point 5034
5 Point Condition S Y R
6 Point Throw nothing less than 4 3/4 inches N 5/8 R
7 Point Opening N 5/8 R
8 Fit S Y R
9 General Condition of the Points S Y R

Gage
10 Heel of Switch a) Main 5/48
   a) Turnout 5/48
11 Gage ahead of Bend 5/12

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

12 Heel Spread in Inches
   a) Turnout 16/8
   a) Main 16/8

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
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: 10-5-14  Inspection Crew: (Handwritten)

41 Location _______ Rogers Ave.
42 Switch I.D. # _______ RA-9A
43 Facing _______ X _______ 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 1/4
50 Flangeway Depth _______

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

**Gage**
51 Main Track _______ 50 1/2
52 Turnout Track _______ 50 1/2

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

**Guard Rails**
53 Guard Rail Gage N _______ 54 3/8 R _______ 54 1/8

**Guard Rail Gage must be less than 54 3/8"**
54 Back to Back _______ 52 3/8 R _______ 52 1/16

**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 2 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 13/32 R 1 3/4

**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 _______ 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 _______ S Y R N/A
72 Spring Housing _______ S Y R N/A
73 Derails _______ 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
Date: 11-3-14  Mainline / Yard:  ML - 2  Switch #: RA-9A  WO #: 1654647

1. Out of Surface in the point area.  WO# 1662344
2. Out of Surface in the frog area.  WO# 1662352
3. Normal side of frog tread & throat needs welding  WO# 1662359
4. Frog point needs welding.  WO# 1662359

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)

<table>
<thead>
<tr>
<th>Work Order: 1654569</th>
<th>METRO MOW SEMI-ANNUAL SWITCH INSPECTION</th>
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<tbody>
<tr>
<td>Classification: MTA \ METRO</td>
<td></td>
</tr>
<tr>
<td>Classification Description: MTA - METRO</td>
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<tr>
<td>Asset: 1245687</td>
<td>METRO MOW SWITCH RA7B CHAIN MARK = 349W+10</td>
</tr>
<tr>
<td>Alias: RA7B</td>
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</tr>
<tr>
<td>Location: 349W6WRA71</td>
<td>Chain Markers West, Relaterstown Plaza Interlock, METRO</td>
</tr>
<tr>
<td>Work Location:</td>
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<tr>
<td>Work Type: PM</td>
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<td>Status Date: 09/30/14 02:30:07 PM</td>
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<tr>
<td>Phone:</td>
<td></td>
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<td>Reported Date: 09/29/14 03:03:08 AM</td>
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<td>On Behalf Of:</td>
<td></td>
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Asset Details

| Year: |
| Manufacturer: |
| Model: |
| Serial #: |
| Type: FLEET |
| Fleet Assets |
| Status: OPERATING |
| Operating |

Address Information

| Service Address: |
| Formatted Address: |
| Street Address: |

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=193&csrftoken... 9/30/2014
Date: 11-3-14  Inspection Crew: Jefferson, Greenwood, Nolen, Dennis

Mainline: 1  Yard:  

WO# 1654659

1 Location: Rogers Ave.  
2 Switch I.D. #: RA-7B  
3 Facing: Trailing  

**Rail Points**  
4 Point to Point: 51  
5 Point Condition:  
6 Point Throw, nothing less than 4 3/4 inches  
N 5 3/8  S  
7 Point Opening  
N 4 3/8  S  
8 Fit  
9 General Condition of the Points  
10 Heel of Switch  
a) Main: 5 3/8  
a) Turnout: 6  
11 Gage ahead of Bend: 3 3/8  
Must not be less than 56 inches or more than 57 inches for "S"  
12 Heel Spread in Inches  
a) Turnout: 6 1/4  
a) Main: 6 3/4  

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

**Bolts**  
15 Loose: 0  
16 Missing: 0  

**Rivets (Huck Bolts)**  
17 Loose: 0  
18 Missing: 0  
19 Cotter Pins missing: 0  
20 Jam Nuts Loose: 0  
21 Washers  

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  
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  
34 Switch Adjustments  
35 Lubrication  
36 Switch Target / Lamps  
37 Latches  
38 Locks  
39 General Condition  
40 Insulated Joints  

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

Mainline 1 Yard

Date: 10-3-14 Inspection Crew: Jefferson, Greenwood, Nelson, Bermi

WO # 1654659

41 Location Rogers Ave.
42 Switch I.D. # RA-7B
43 Facing Trailing X
44 Frog Tread N 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 1/4
50 Flangeway Depth 3

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

Range
51 Main Track 56 9/16
2 Turnout Track 50 9/16

Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 3/4 R 54 5/8

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

54 Back to Back N 52 7/8 R 58 13/16
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 13/4 R 1 3/4

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 8 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

Remarks on page 3
No Defects Found

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


Work Order: 1654655
Classification: MTA \ METRO
Classification Description: MTA \ METRO
Asset: 1246244
Alias: RASA
Location: 349WSWRA61
Work Location:
Work Type: PM
Status: APPR
Status Date: 09/30/14 02:39:31 PM
Reported By: MTACRON
Phone:
Reported Date: 09/29/14 03:03:06 AM
On Behalf Of:
Consist:

Asset Details

Year:
Manufacturer:
Model:
Serial #:
Type: FLEET Fleet Assets
Status: OPERATING Operating

Address Information

Service Address:
Formatted Address:
Street Address:

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Switch Inspection Report / Semi Annual

Mainline ________________________ Yard _______________________ WO# 1654655

Date: 10-3-14

Inspection Crew: Jefferson, Creamwood, Nelson, Dennis

<table>
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<tr>
<th>Location</th>
<th>Rogers Ave.</th>
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<tbody>
<tr>
<td>Switch I.D. #</td>
<td>RA-5A</td>
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<tr>
<td>Facing</td>
<td>Trailing X</td>
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**Rail Points**

<table>
<thead>
<tr>
<th>4 Point to Point</th>
<th>5 1/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Point Condition</td>
<td>Y R</td>
</tr>
<tr>
<td>6 Point Throw, nothing less than 4 3/4 inches</td>
<td>N 5 1/4 R</td>
</tr>
<tr>
<td>7 Point Opening</td>
<td>N 4 1/8 R</td>
</tr>
<tr>
<td>8 Fit</td>
<td>Y R</td>
</tr>
<tr>
<td>9 General Condition of the Points</td>
<td>Y R</td>
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**Gage**

<table>
<thead>
<tr>
<th>10 Heel of Switch</th>
<th>a) Main 5 1/8</th>
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<tbody>
<tr>
<td>11 Gage ahead of Bend</td>
<td>5 1/2</td>
</tr>
<tr>
<td>Must not be less than 56 inches or more than 57 inches for &quot;S&quot;</td>
<td></td>
</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td>Turnout 1 5/8</td>
</tr>
<tr>
<td>a) Turnout</td>
<td>.5 1/8</td>
</tr>
<tr>
<td>a) Main</td>
<td>8 1/4</td>
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**Stock Rail**

<table>
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<tr>
<th>13 Bend</th>
<th>Y R</th>
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</thead>
<tbody>
<tr>
<td>14 Condition</td>
<td>Y R</td>
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**Bolts**

<table>
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<tr>
<th>15 Loose</th>
<th>0 N/A</th>
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<tr>
<td>16 Missing</td>
<td>0 N/A</td>
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**Rivets (Huck Bolts)**

<table>
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<tr>
<th>17 Loose</th>
<th>0 N/A</th>
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<tbody>
<tr>
<td>18 Missing</td>
<td>0 N/A</td>
</tr>
<tr>
<td>19 Cotter Pins missing</td>
<td>0 N/A</td>
</tr>
<tr>
<td>20 Jam Nuts Loose</td>
<td>0 N/A</td>
</tr>
<tr>
<td>21 Washers</td>
<td>OK Broken N/A</td>
</tr>
</tbody>
</table>

**Switch Rods**

<table>
<thead>
<tr>
<th>26 Front Rod</th>
<th>Y R N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 #1 Rod (Basket Rod)</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>28 #2 Rod</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>29 #3 Rod</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>30 #4 Rod</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>31 Closure Rail</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>32 Surface of Switch</td>
<td>Y R N/A</td>
</tr>
</tbody>
</table>

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

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

Remarks on Page 3

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

Mainline _______ 1 _______ Yard ________________

Date: 10-3-14 Inspection Crew: Jefferson, Greenwood, Nelson, Dunn

WO # 1654655

41 Location Rogers Ave.
42 Switch I.D. # RA-5A
43 Facing Trailing X
44 Frog Tread N SYR SYR
45 Frog #
46 Frog Point Condition SYR
47 Condition of Frog SYR
48 Surface of Frog SYR
49 Throat in Inches 3 1/8
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

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

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

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

Turnout Ties
58 Condition SYR
59 Rail Movement SYR

Tie Plates
60 Lead SYR
61 Guard Rail Flangeway SYR N 14 1/8
Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates SYR
63 Frog Plates SYR

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 N/A

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
No Defects Found

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

Work Order: 1654647
Classification: MTA \ METRO
Classification Description: MTA - METRO
Asset: 1246634
Alias: RA6A
Location: 348WSWRA6/ Chain Markers West, Reisterstown Plaza, Metro

Work Location:

Work Type: PM
Status: APPR
Status Date: 09/30/14 02:28:03 PM
Reported By: MTACRON
Phone:
Reported Date: 09/26/14 03:02:55 AM
On Behalf Of:
Consist:

Asset Details

Year:
Manufacturer:
Model:
Serial #:
Type: FLEET
Fleet Assets
Status: OPERATING
Operating

Asset Condition:

Address Information

Service Address:
Formatted Address:
Street Address:

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9/30/2014
Work Order Tracking (Tr)

Find Work Order: Work Order: 1684175

Classification: MTA \ METRO
Classification Description: MTA - METRO

Asset: 1246600
Alias: RP17
Location: 374WSWRP17

Work Location:

* Work Type: PM

Status: APPR
Status Date: 10/07/14 02:30:13 PM
Reported By: MTACRON

On Behalf Of:

Asset Details

Year:
Manufacturer:
Model:
Serial #:

Type: FLEET
Fleet Assets

Status: OPERATING
Operating

Asset Condition:

Address Information

Service Address:
Formatted Address:
Street Address:

City:
State/Province:

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10/7/2014
Switch Inspection Report / Semi Annual

Mainline 2

Yard ____________________ WO# 1664175

Date: 10-14-14 Inspection Crew Greenwood, Jefferson, Rob, Billy, Nolan

1 Location: Reisterstown Plaza
2 Switch I.D. #: RP - 17
3 Facing Trailing X

Rail Points
4 Point to Point 51 3/8
5 Point Condition: Y R 2 PC Chipped
6 Point Throw, nothing less than 4 3/4 inches N 5 1/8 R
7 Point Opening: N 5 3/8 R
8 Fit: Y R
9 General Condition of the Points Y R

Gage
10 Heel of Switch
a) Main 5 3/8
b) Turnout 3 3/8
11 Gage ahead of Bend 50
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
a) Turnout 1 1/8
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 N/A
19 Cotter Pins missing 0 N/A
20 Jam Nuts Loose 0 N/A
1 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 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

Date: 10-11-14  Inspection Crew: Enamorado, Jefferson, Robelle, Nelson

41 Location: Reisterstown Plaza
42 Switch I.D. #: RP - 17
43 Facing: Trailing
44 Frog Tread: N Y R
45 Frog #: B
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 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: 51 1/2

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 52 3/8 R 52 3/8
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

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:
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
60' beyond last long tie

OK Difference

75 Condition of Line thru entire turnout: S Y R
Remarks

Date: 10-14-14  Mainline / Yard: ML-2  Switch #: RP-17  WO #: 1664175

1. Left hand curved switch point is chipped 14" in length. WO #1014988

2. Left hand, straight stock rail left hand curved switch point and curved closure rail has side wear. WO #1014988

3. 2 Concrete tie blocks No rail ahead of switch points are broken loose from aerial floor. WO #1591682

4. Frog point needs to be welded. WO #1673561

5. 3 missing panels on a red or frog plate 4 broken. WO #1673561

6. Concrete tie blocks 4 rails are broken loose from aerial floor at the top of the frog. WO #1101987

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]
Mainline 1  
Yard ________________  
WO# 1664187

Date: 10-14-14  
Inspection Crew Greenwood, Jefferson, Ladek, Nelson

1 Location Reisterstown Plaza
2 Switch I.D. # RP-19B
3 Facing X Trailing

Rail Points
4 Point to Point 51
5 Point Condition Y R
6 Point Throw, nothing less than 4 3/4 inches N 5 3/8 R
7 Point Opening N 5 3/8 R
8 Fit Y R
9 General Condition of the Points Y R

Gage
10 Heel of Switch  
a) Main 56 3/4
   i) Turnout 35 7/8
11 Gage ahead of Bend 31 7/8

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 1/8

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 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  
   S Y R Broken

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

Mainline 1 Yard

Date: 10-14-17

Inspection Crew: Greenwood, Jefferson, Rabeke, Nelson

WO # 1664187

41 Location Reisterstown Plaza
42 Switch I.D. # RP-19B
43 Facing X Trailing
44 Frog Tread N S Y R

45 Frog # [Blank]

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 33/8
50 Flangeway Depth 2

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

Gage
51 Main Track 56 7/8
2 Turnout Track 56 7/8

Gage must not be less than 56" any Class

53 Guard Rail Gage N 54 1/2 R 54 9/16

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

54 Back to Back N 53 R 53 1/8

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

58 Condition S Y R

59 Rail Movement S Y R

60 Lead S

61 Guard Rail Flangeway S

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 0 N/A
65 Missing 0 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

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
1. Concrete pads vs nails ahead of switch joints are broken loose from aerial floor. WO# 1604720

2. One LB foster plate under frightened is broken in half. WO# 1605481

3. Nails holding LB foster plates to concrete pads are broken off under frog. WO# 1674199

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

Work Order: 1654183  METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246897  METRO MOW SWITCH RP21 CHAIN MARK = 374W+15

Alias: RP21

Location: 374WSWRP2  Chain Markers West, Reisterstown Plaza Intertock, METRO

Work Location: 

Work Type: PM

Status: APPR

Status Date: 10/07/14 02:40:28 PM

Reported By: MTACRON

Phone:

Reported Date: 10/06/14 03:02:39 AM

On Behalf Of:

Consist: 

Asset Details

Year: 

Manufacturer: 

Model: 

Serial #: 

Type: FLEET

Fleet Assets

Status: OPERATING

Operating

Asset Condition:

Address Information

Service Address: 

Formatted Address: 

Street Address: 

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=202&csrfToken... 10/7/2014
Switch Inspection Report / Semi Annual

Date: 10-14-14

Location: Reisterstown Plaza
Switch I.D. #: RP - 21
Facing: X Trailing

Rail Points
4 Point to Point 5 1/8
5 Point Condition S/Y R H/C U
6 Point Throw, nothing less than 4 3/4 inches
N 5 1/2 R
7 Point Opening N 3 1/8 R
8 Fit S/Y R
9 General Condition of the Points S Y R

Gage
10 Heel of Switch
a) Main 5 1/4
b) Turnout 5 1/4
11 Gage ahead of Bend 5 1/8
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
a) Turnout 5
b) Main 5

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 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
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
41 Location: Reisterstown Plaza
42 Switch I.D. #: RP - 21
43 Facing: X Trailing
44 Frog Tread: N SYR
   R SYR
45 Frog #: B
46 Frog Point Condition: SYR
47 Condition of Frog: SYR
48 Surface of Frog: SYR
49 Throat in Inches: 3 3/8
50 Flangeway Depth: 8
   Flangeway Depth must not be less than 1 1/2"

Gage
"1 Main Track: 56 1/8"
   2 Turnout Track: 56 1/8"
   Gage must not be less than 56" any Class

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

Remarks on page 3
1. Left hand curved switch point, Left hand straight stock rail and curved closure rail has side wear.

2. One adjustable brace on the north rail inside the gage first plate ahead of switch point is loose.

3. Concrete pad and ties under toe of frogs are broken loose from aerial floor.

4. No hold down devices are missing on the frog.

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: