Work Order Tracking (Tr)

Find Work Order

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

Work Order: 2832935  METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO
Classification Description: MTA - METRO
Asset: 1247411  METRO MOW SWITCH CC1B CHAIN MARK = 007W65
Alias: TMW1CC1B
Location: METROMOW  Maintenance of Ways

Work Location:

- Work Type: FM
- Status: APPR
- Status Date: 04/05/17 04:22:22 PM
- Reported By: MTACRON
- Phone:
- Reported Date: 03/20/17 04:16:31 AM
- On Behalf Of:
- Consist:

Asset Details

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

Address Information

Service Address: 1206  6301 Wabash Ave  Reisterstown Plaza Baltimore
Formatted Address:
Street Address: 6301 Wabash Ave

Multiple Assets, Locations and CIs ➤ Filter

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=10720&csrftoken=... 4/5/2017
Switch Inspection Report / Semi-Annual

Mainline □ 1 □ 2 □ Yard □ □ □ WO # 2832935

Date: 4/5/2017

Inspection Crew M Alchin-R Nelson-J Brockmeyer

1 Location CC
2 Switch I.D. # 18
3 Facing X Trailing

Rail Points
4 Point to Point 513/6
5 Point Condition S Y R
6 Point Throw, nothing less than 4 3/4 Inches N R 43/4
7 Point Opening N R 413/6

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

Gage
10 Heel of Switch a) Main 53/4 3/4
Turnout
11 Gage ahead of Bend 313/4

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

12 Heel Spread in Inches a) Turnout 16/4
a) Main 16/4

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 Missing

Remarks on Page 3
JBW/WEM Mod. 09-15-08
Date: 4/5/2017  Inspection Crew: M Alchin-R Nelson-J Brockmeyer

Mainline 1 2 Yard ________________  WO # 2632935

1 Location CC
2 Switch I.D. # 18
3 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 1/8
50 Flangeway Depth Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 54 5/16
      Turnout Track 54 5/16
      Gage must not be less than 56" any Class

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

Remarks on page 3
Switch  CC 1B  WO # 88.329935  Date  4/5/2017

1. One rail brace missing on RH stock rail.
2. One rail brace loose on LH stock rail.
3. 5 hold down devices missing on frag.
4. Curve closure rail has "w" side wear.

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

Select Action


classification: MTA\METRO

classification description: MTA - METRO

Asset: 1246852

Alias: TMW1CC3B

Location: METROMOW

Work Location:

* Work Type: PM

Status: APPR

Status Date: 04/05/17 04:23:04 PM

Reported By: MTACRON

Phone:

Reported Date: 03/20/17 04:16:20 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET

Fleet Assets

Status: OPERATING

Operating

Asset Condition:

Address Information

Service Address: 1206

6301 Wabash Ave, Reisterstown Plaza Baltimore

Formatted Address:

Street Address: 6301 Wabash Ave

Multiple Assets, Locations and Cis

Filter

0 - 0 of 0

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uissessionid=10720&csrftoken=...

4/5/2017
Switch Inspection Report / Semi-Annual

Mainline: 1 2
Yard: 

Date: 4/5/2017

Inspection Crew: M Alchin-R Nelson-J Brockmeyer

WO #: 2832919

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

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

Gage
10 Heel of Switch: 36 1/4
   a) Main: 36 1/4
   b) Turnout: 36 3/4
11 Gage ahead of Bend: 36 1/4
   Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches:
   a) Turnout: 16
   a) Main: 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
10 Cotter Pins missing: N/A
10 Jam Nuts Loose: N/A
21 Washers: OK Broken Missing

Remarks on Page 3

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

Mainline ___________ 1 2 ___________ Yard ________________ WO # 2832919

Date: ___________ 4/5/2017 ___________ Inspection Crew: ________________ M Alchin-R Nelson-J Brockmeyer

1 Location CC
2 Switch I.D. # 3B
3 Facing ___________ Trail ___________ X
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 5 1/2 X
52 Turnout Track 5 1/2 X
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 5 1/8 R 5 1/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 5 3/8 R 5 1/8
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 S Y R N 1 17/32
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
1. Both guard rails and hold downs and plates corroded.

2. Fingers and plates and hold downs are corroded due to water leak.

3. LH curved ca. 2 ft. battered 9 feet back from front of joint, measuring 2" x 12" x \frac{1}{2}".

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:
## Switch Inspection Report / Semi-Annual

### Mainline

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

### Rail Points

<table>
<thead>
<tr>
<th>Point to Point</th>
<th>51 1/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Point Condition</td>
<td>S O R</td>
</tr>
<tr>
<td>Point Throw, nothing less than 4 3/4 inches</td>
<td>N R 4 3/8</td>
</tr>
<tr>
<td>Point Opening</td>
<td>N R 4 3/8</td>
</tr>
<tr>
<td>Fit</td>
<td>S Y R</td>
</tr>
</tbody>
</table>

### Gage

<table>
<thead>
<tr>
<th>Heel of Switch</th>
<th>36 3/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnout</td>
<td>13 3/4</td>
</tr>
<tr>
<td>Gage ahead of Bend</td>
<td>56 3/8</td>
</tr>
</tbody>
</table>

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

### Stock Rail

| Bend | S Y R |
| Condition | S O R |

### Bolts

| Loose | 0 N/A |
| Missing | 0 N/A |

### Rivets (Huck Bolts)

| Loose | 0 N/A |
| Missing | 0 N/A |
| Cotter Pins missing | 0 N/A |
| Jam Nuts Loose | 0 N/A |
| Washers | OK Broken Missing |

### Switch Rods

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

### Convenience Rail

| Closure Rail | S Y R N/A |
| 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**

### Head Block ties

| S Y R |
| Switch Adjustments | Yes No |
| Lubrication | OK Dry |
| Switch Target / Lamps | OK Missing N/A |
| Latches | OK Broken Missing |
| Locks | OK Broken Missing |
| General Condition | S Y R |
| Insulated Joints | S Y R |

### Remarks on Page 3

JBW/WEM Mod. 09-15-08
Mainline 1 2 Yard ________________
WO # 283891

Date: 4/7/17 Inspection Crew: Nelson, Alchin, Jefferson

1 Location CC
2 Switch I.D. # 1A
3 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 1/2
50 Flangeway Depth Flangeway Depth must not be less than 1 1/2"

Turnout Ties
58 Condition S Y R
59 Rail Movement 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 0 N/A
70 Washers OK Broken Missing

Guard Rails
53 Guard Rail Gage N 54 1/8 R 54 1/8 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"

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
1. RH CU SWPT chipped out 14" back, also has 1/8" side wear
2. RH Str. Str. has 1/4" side wear
3. Curve Closure rail has 1/8" side wear
4. 3 hold down devices loose in frog area
5. 3 bolts broken in frog plates

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

Work Order: 2832915
Classification: MTA \ METRO
Classification Description: MTA - METRO
Asset: 1247163
Alias: TMW2CC3A
Location: METROMOW
Work Location:
• Work Type: PM
Status: APPR
Status Date: 04/05/17 04:23:14 PM
Reported By: MTCRON
Phone:
Reported Date: 03/20/17 04:16:17 AM
On Behalf Of:
Consist:

Asset Details

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

Address Information

Service Address: 1206
6301 Wabash Ave
Reisterstown Plaza Baltimore
Formatted Address:
Street Address: 6301 Wabash Ave

Multiple Assets, Locations and CIs Filter 0 - 0 of 0
<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>Inspection Crew</th>
<th>WO #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date:</strong></td>
<td>4/10/17</td>
<td></td>
<td></td>
<td><strong>Jefferson, Alchin, Nelson</strong></td>
<td>2832913</td>
</tr>
</tbody>
</table>

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

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

#### Gage
10 Heel of Switch
   a) Main 35 1/6
   b) Turnout 50 1/2
11 Gage ahead of Bend 36 1/2
   Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
   a) Turnout
   b) Main 6 1/2

### 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 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
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**  
**WO #** 2832915  
**Date:** 4/17  
**Inspection Crew:** Jefferson, Alchin, Nelson

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>1 Location</td>
<td>CC</td>
</tr>
<tr>
<td>2 Switch I.D. #</td>
<td>3A</td>
</tr>
<tr>
<td>3 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>44 Frog Tread</td>
<td>N S Y R</td>
</tr>
<tr>
<td>45 Frog #</td>
<td>8</td>
</tr>
<tr>
<td>46 Frog Point Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>47 Condition of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>48 Surface of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>49 Throat in Inches</td>
<td>3 1/8</td>
</tr>
<tr>
<td>50 Flangeway Depth</td>
<td>2</td>
</tr>
<tr>
<td><strong>Flangeway Depth must not be less than 1 1/2&quot;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Gage</strong></td>
<td>51 Main Track</td>
</tr>
<tr>
<td><strong>Turnout Track</strong></td>
<td>5 6/16</td>
</tr>
<tr>
<td><strong>Gage must not be less than 56&quot; any Class</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Guard Rails</strong></td>
<td>53 Guard Rail Gage</td>
</tr>
<tr>
<td><strong>Guard Rail Gage must be less than 54 3/8&quot;</strong></td>
<td></td>
</tr>
<tr>
<td>54 Back to Back</td>
<td>52 3/4</td>
</tr>
<tr>
<td><strong>Back to Back must be less than 53 1/8&quot;</strong></td>
<td></td>
</tr>
<tr>
<td>54 Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>55 Location of Guard Rail (Relation to Point)</td>
<td>S Y R</td>
</tr>
<tr>
<td><strong>Guard Rail Clamps</strong></td>
<td>56 Main Track</td>
</tr>
<tr>
<td>57 Turnout Track</td>
<td>S Y R</td>
</tr>
<tr>
<td><strong>Class 1 Gage 56&quot; to 57 1/2&quot;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>More than 57 1/2&quot; Out of Service</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Class 3 Gage 56&quot; to 57&quot;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>More than 57&quot; to 57 1/4&quot; downgrade to Class 2 and gets a Y</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks on page 3**

**Turnout Ties**  
<table>
<thead>
<tr>
<th>Class</th>
<th>Condition</th>
<th>S Y R</th>
</tr>
</thead>
<tbody>
<tr>
<td>58</td>
<td></td>
<td></td>
</tr>
<tr>
<td>59 Rail Movement</td>
<td>S Y R</td>
<td></td>
</tr>
</tbody>
</table>

**Tie Plates**  
<table>
<thead>
<tr>
<th>Class</th>
<th>Lead</th>
<th>S Y R</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>61 Guard Rail Flangeway</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td><strong>Guard Rail Flangeway can not be less 1 1/2&quot;</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>62 Guard Rail Plates</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>63 Frog Plates</td>
<td>S Y R</td>
<td></td>
</tr>
</tbody>
</table>

**Bolts**  
<table>
<thead>
<tr>
<th>Class</th>
<th>Loose</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>64</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65 Missing</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Rivets (Huck)**  
<table>
<thead>
<tr>
<th>Class</th>
<th>Loose</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>66</td>
<td></td>
<td></td>
</tr>
<tr>
<td>67 Missing</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>68 Nuts Missing</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>69 Cotter Pins Missing</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>70 Washers</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Class</th>
<th>Hold Down Devices</th>
<th>N/A</th>
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</thead>
<tbody>
<tr>
<td>71</td>
<td></td>
<td></td>
</tr>
<tr>
<td>72 Spring Housing</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>73 Derails</td>
<td>S Y R</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Class</th>
<th>Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond last long tie</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>74</td>
<td>OK Difference</td>
<td></td>
</tr>
<tr>
<td>75 Condition of Line thru entire turnout</td>
<td>S Y R</td>
<td></td>
</tr>
</tbody>
</table>

Remarks on page 3
Remarks

Switch CC 3A
WO # 2832915
Date 4/19/17

1. One rail brace missing on LH str stock rail
2. LH str stock rail has " employee wear.
3. Standard Joint on stock rail is battered.
4. Curve closure rail has " employee wear.
5. Tegriser on normalside Top worn ".

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

Work Order: 2843087

Classification: MTA / METRO

Classification Description: MTA - METRO

Asset: 1246244

Alias: TMV2RA5A

Location: METROMOW

Maintenance of Ways

Work Location:

Work Type: PM

Status: APPR

Status Date: 04/19/17 09:22:33 AM

Reported By: MTACRON

Phone:

Reported Date: 03/27/17 04:15:39 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET

Fleet Assets

Status: OPERATING

Operating

Asset Condition:

Address Information

Service Address: 1206

6301 Wabash Ave

Reistersown Plaza Baltimore

Formatted Address:

Street Address: 6301 Wabash Ave

Multiple Assets Locations and Cls

Filter

0 of 0
<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>WO # 2843087</th>
</tr>
</thead>
</table>

**Switch Inspection Report / Semi-Annual**

**Date:** 4/19/2017  **Inspection Crew:** A Jefferson R Nelson M Alchin

1. **Location:** RA
2. **Switch I.D. #:** 5A
3. **Facing:** Trailing X

### Rail Points

4. **Point to Point:** 5/1
5. **Point Condition:** Y R
6. **Point Throw, nothing less than 4 3/4 inches:** N 1/4 R 4’3/16
7. **Point Opening:** N 1/4 R 5/4
8. **Fit:** Y R
9. **General Condition of the Points:** Y R

### Gage

10. **Heel of Switch**
    a) **Main:** 56 7/8
    b) **Turnout:** 56 7/8
11. **Gage ahead of Bend:** 56 7/8

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

12. **Heel Spread in Inches**
    a) **Turnout:** 4 3/4
    b) **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
20. **Washers:** OK  Broken___  Missing___

### Remarks on Page 3

JBW/WEM Mod. 09-15-08
Date: 4/19/2017  
Inspection Crew: A Jefferson R Nelson M Alchin

<table>
<thead>
<tr>
<th>Location</th>
<th>RA</th>
<th>Switch I.D. #</th>
<th>5A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facing</td>
<td>Trailing</td>
<td>Frog Tread</td>
<td>N R Y R</td>
</tr>
<tr>
<td>Frog #</td>
<td></td>
<td>Frog Point Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>Condition of Frog</td>
<td>S Y R</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface of Frog</td>
<td>S Y R</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Throat in Inches</td>
<td>3 1/4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flangeway Depth</td>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Gage**
51 Main Track 56 1/16
52 Turnout Track 56 7/56

**Guard Rails**
53 Guard Rail Gage N 54 1/3 R 54 9/16

**Guard Rail Gage must not be less than 54 3/8"**
54 Back to Back N 53 1/4 R 52 7/56

**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 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 7/8

**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 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

**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 50' beyond last long tie**
OK Difference

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

Remarks on page 3
Switch RA 5A

WO # 2843087

Date 4/19/2017

switch strut low Ballast

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

- Work Order: 2643073
  - METRO MOW SEMI-ANNUAL SWITCH INSPECTION
- Classification: MTA \ METRO
- Classification Description: MTA - METRO
- Asset: 1246634
  - METRO MOW SWITCH RA9A CHAIN MARK = 348W+10
- Alias: TMW2RA9A
- Location: METROMOW
  - Maintenance of Ways
- Work Location:
- Work Type: PM
- Status: WSCH
- Status Date: 03/27/17 04:15:13 AM
- Reported By: MTCRON
- Phone:
- Reported Date: 03/27/17 04:15:12 AM
- On Behalf Of:
- Consist:

Asset Details

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

Address Information

- Service Address: 1206
- 6301 Wabash Ave Reisterstown Plaza Baltimore
- Formatted Address:
- Street Address: 6301 Wabash Ave

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=484&csrftoken=h... 4/19/2017
Switch Inspection Report / Semi-Annual

Mainline: 1 2
Yard: 

Date: 4/19/2017
Inspection Crew: A Jefferson R Nelson M Alchin

WO #: 2843073

1 Location: RA
2 Switch I.D. #: 9A
3 Facing: X Trailing

Rail Points
4 Point to Point: 50 5/8
5 Point Condition: S Y R
6 Point Throw, nothing less than 4 3/4 inches: N 7/8 R 5 9/16
7 Point Opening: N 7/8 R 5 9/16
8 Fit: S Y R
9 General Condition of the Points: S Y R

Gage
10 Heel of Switch
a) Main: 5/16
   Turnout: 3/16
11 Gage ahead of Bend: 5/16

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

12 Heel Spread in Inches
a) Turnout: 6 9/16
a) Main: 5/16

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
19 Jam Nuts Loose: N/A
21 Washers: OK

Broken: N/A

Missing: N/A

Remarks on Page 3

JBW/WEM Mod. 09-15-08

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
38 Locks
OK Broken: Missing
39 General Condition
S Y R
40 Insulated Joints
S Y R
1 Location  RA
2 Switch I.D. #  9A
3 Facing  X  Trailing
44 Frog Tread  N  SYR  SYR
  R  SYR

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

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 Class 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 OK  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
   OK  Difference

75 Condition of Line thru entire turnout

Remarks on page 3
Switch RA 9A  WO # 2843073  Date 4/19/2017

Switch #8

Frog #8

Frog Point Battered and wing riser chipped and top worn

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

Work Order: 2843094
Classification: MTA \ METRO
Classification Description: MTA - METRO
Asset: 1246586
Alias: TMW1RA7B
Location: METROMOW
Work Location:
Work Type: PM
Status: INPRG
Status Date: 04/19/17 08:42:18 AM
Reported By: MTACRON
Phone:
Reported Date: 03/27/17 04:15:43 AM
On Behalf Of:
Consist:

Asset Details

Year:
Manufacturer:
Model:
Serial #:
Type: FLEET
Status: OPERATING
Asset Condition:

Address Information

Service Address: 1206 6301 Wabash Ave Reisterstown Plaza Baltimore
Formatted Address:
Street Address: 6301 Wabash Ave

Multiple Assets.Locations and CIs  Filter 0 - 0 of 0

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=484&csrftoken=... 4/19/2017
Mainline  1  2  Yard  

Date:  4/19/2017  Inspection Crew  A Jefferson R Nelson M Alchin  

WO #  2843094  

1 Location  RA  
2 Switch I.D. #  7B  
3 Facing  Trailing  X  

**Rail Points**  
4 Point to Point  57 1/8  
5 Point Condition  S Y R  
6 Point Throw, nothing less than 4 3/4 inches  N  V/4  R  4 3/4  
7 Point Opening  N  V/4  R  51/8  
8 Eit  S Y R  
9 General Condition of the Points  S Y R  

**Gage**  
10 Heel of Switch  
   a) Main  5 3/4  
   Turnout  5 1/2  
11 Gage ahead of Bend  5 1/2  
12 Heel Spread in Inches  
   a) Turnout  6 3/4  
   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  V  N/A  

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

**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  

**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
Mainline | 1 | 2 | Yard | WO # | 2843094
--- | --- | --- | --- | --- | ---
Date: | 4/19/2017 | Inspection Crew: | A Jefferson R Nelson M Alchin

1 Location | RA
2 Switch I.D. # | 7B
3 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 1/4
50 Flangeway Depth | 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track | 56 3/8
Turnout Track | 56 1/2
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage | N 54 13/16 R 54 3/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back | N 52 7/8 R 52 3/4
Back to Back must be less than 53 3/8"
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 Class 2 and gets a Y

Remarks on page 3
Switch RA 7B

OUT OF SURFACE

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: