Switch Inspection Report / Annual

Mainline 1 2 Yard 6 WO # 2931605

Inspection Crew CHASE, CHANDLER

1 Location WAB
2 Switch I.D. # 117
3 Facing X Trailing

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

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

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

Bolts
15 Loose N/A
16 Missing N/A

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

Remarks on Page 3:

EM Mod. 09-15-08
Mainline  1  2  Yard  6  WO #  2931605

1 Location  WAB
2 Switch ID #  117
3 Facing  X  Trailing
44 Frog Tread  N  S Y R  R  S Y R
45 Frog #  6
46 Frog Point Condition  S Y R
47 Condition of Frog  S Y R
48 Surface of Frog  S Y R
49 Throat in Inches  \( \frac{2}{\sqrt{6}} \)
50 Flangeway Depth  \( 2 \)
   Flangeway Depth must not be less than 1 1/2".

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

**Guard Rails**
53 Guard Rail Gage  N  N A  R
   Guard Rail Gage must be less than 54 3/8"
54 Back to Back  N  N A  R
   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  N A  R
   Guard Rial 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  Différence

75 Condition of Line thru entire turnout  S Y R

Remarks on page 3
Switch# WAB 117

WO 293/605

Date 9-7-17

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]
Switch Inspection Report /Annual

Mainline 1 2 Yard 6 WO # 2931609

Date: 9-7-17 Inspection Crew CHASE, CHANDLER

1 Location WA
2 Switch I.D. # 119
3 Facing X Trailing

Rail Points
4 Point to Point 51 1/4
5 Point Condition Y R
6 Point Throw, nothing less than 4 3/4 inches N 3 1/4 R
7 Point Opening N 4 1/4 R

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

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

Stock Rail
13 Bend Y R
14 Condition 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 O Missing O

Switch Rods
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

33 Head Block ties
34 Switch Adjustments
35 Lubrication

36 Switch Target / Lamps
37 Latches
38 Locks
39 General Condition
40 Insulated Joints

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

Remarks on Page 3

JWEM Mod. 09-15-08
<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>6</th>
<th>WO #</th>
<th>9-7-17</th>
<th>Inspection Crew: CHASE CHANDLER</th>
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<td>S Y R</td>
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<td>More than 57 1/2&quot; Out of Service</td>
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<td>More than 57&quot; to 57 1/4&quot; downgrade to</td>
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<td>Class 2 and gets a Y</td>
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**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 NA 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: O N/A
- 65 Missing: O N/A

**Rivets (Huck)**
- 66 Loose: O N/A
- 67 Missing: O N/A
- 68 Nuts Missing: O N/A
- 69 Cotter Pins Missing: O N/A
- 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**
- OK Difference

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

Remarks on page 3
Switch# WAB 119     WO# 2931609     Remarks
Date 9-7-17

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]
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<tr>
<td><strong>Yard</strong></td>
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**Inspection Crew**

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<th><strong>Rail Points</strong></th>
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<tr>
<td>4 Point to Point</td>
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<tr>
<td>5 Point Condition</td>
<td><strong>Y R</strong></td>
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</tr>
<tr>
<td>6 Point Throw, nothing less than 4 3/4 inches</td>
<td><strong>N 4 7/8</strong></td>
<td><strong>R 5</strong></td>
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<tr>
<td>7 Point Opening</td>
<td><strong>N 4 3/4</strong></td>
<td><strong>R 4 3/4</strong></td>
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<tr>
<th><strong>Switch Rods</strong></th>
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<tbody>
<tr>
<td>26 Front Rod</td>
<td><strong>S Y R N/A</strong></td>
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</tr>
<tr>
<td>27 #1 Rod (Basket Rod)</td>
<td><strong>S Y R N/A</strong></td>
<td></td>
</tr>
<tr>
<td>28 #2 Rod</td>
<td><strong>S Y R N/A</strong></td>
<td></td>
</tr>
<tr>
<td>29 #3 Rod</td>
<td><strong>S Y R N/A</strong></td>
<td></td>
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<tr>
<td>30 #4 Rod</td>
<td><strong>S Y R N/A</strong></td>
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<tr>
<td>31 Closure Rail</td>
<td><strong>S Y R N/A</strong></td>
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<tr>
<td>32 Surface of Switch</td>
<td><strong>S Y R N/A</strong></td>
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<tr>
<td>Using a 62’ cord</td>
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<tr>
<td>S= Up to 1” Max allowed Speed</td>
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<tr>
<td>Y= 1” to 1 1/2” 40 MPH</td>
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<tr>
<td>R= 1 1/2” to 1 3/4” 12 MPH</td>
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<td>Greater than 1 3/4” = Out of Service</td>
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<tr>
<th><strong>Stock Rail</strong></th>
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<tr>
<td>13 Bend</td>
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<tr>
<td>14 Condition</td>
<td><strong>S Y R</strong></td>
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<tr>
<th><strong>Bolts</strong></th>
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<tr>
<td>15 Loose</td>
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<tr>
<td>16 Missing</td>
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<table>
<thead>
<tr>
<th><strong>Rivets (Huck Bolts)</strong></th>
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<tr>
<td>17 Loose</td>
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<td><strong>N/A</strong></td>
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<tr>
<td>18 Missing</td>
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<td><strong>N/A</strong></td>
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<tr>
<td>19 Cotter Pins missing</td>
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<td><strong>N/A</strong></td>
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<tr>
<td>20 Jam Nuts Loose</td>
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<td><strong>N/A</strong></td>
</tr>
<tr>
<td>21 Washers</td>
<td><strong>O</strong></td>
<td><strong>Broken</strong></td>
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</table>

**Remarks on Page 3**

**EM Mod. 09-15-08**
Switch Inspection Report / Annual

Date: 9/12/2017

Inspection Crew: R Wilson M Accius

WO #: 2931601

Mainline 1 2 Yard 4

Location WAB
Switch ID # 115
Facing X Trailing
Frog Tread N S Y R
R S Y R
Frog # L
Frog Point Condition S Y R
Condition of Frog S Y R
Surface of Frog S Y R

Throat in Inches 2 1/4
Flangeway Depth 2 1/8
Flangeway Depth must not be less than 1 1/2"

Gage
Main Track 36 3/8
Turnout Track 36 3/8
Gage must not be less than 56" any Class

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

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

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

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

Remarks on page 3

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

He Plates
60 Lead S Y R
61 Guard Rail Flangeway S Y R N 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

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

Condition of Line thru entire turnout S Y R
Left curve switch point, left hand straight stock rail, curve closure rail have a sidewalk.

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)

Work Order: 2991097
Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1243454
Alias: OM9B
Location: METROMOW
Work Location: Maintenance of Ways
Work Type: PM
Status: INPRG
Status Date: 09/16/17 08:10:56 AM
Reported By: WPULS
Phone: 410-454-8034
Reported Date: 07/10/17 05:34:30 AM
On Behalf Of: 
Consist: 

Asset Details
Year:
Manufacturer:

Costs
Total Planned Cost: 0.00
Total Actual Cost: 0.00

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=2530&csrftoken=jc15jqj0jphjhq...  9/16/2017
### Mainline
- **Mainline:** 1
- **Yard:** TAIL
- **Date:** 9/16/2017
- **Inspection Crew:** M Alchin  R Nelson
- **WO #:** 2991097

#### Rail Points
- **4 Point to Point:** 52 1/4
- **5 Point Condition:** S Y R
- **6 Point Throw:** nothing less than 4 3/4 inches
- **7 Point Opening:** N R 4 3/4
- **8 Fit:** S Y R
- **9 General Condition of the Points:** S Y R

#### Gage
- **10 Heel of Switch:**
  - a) Main: 5 6 1/4
  - a) Turnout: 6 1/4
- **11 Gage ahead of Bend:** 3 7/8

#### 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 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

#### Remarks on Page 3
**WEM Mod. 09-15-08**
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<tr>
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<th>2</th>
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<th>WO #</th>
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1 Location 0M
2 Switch ID # 9B
3 Facing Trailing
44 Frog Tread N Y R R 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 8 1/4
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

**Tie Plates**
- 60 Lead S Y R
- 61 Guard Rail Flangeway S Y R
- 62 Guard Rail Flanges Guard Rail Flangeway can not be less 1 1/2"
- 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 N/A

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

**Remarks on page 3**
Switch# OM 9B  WO # 2991097  Date  9/16/2017

Right hand switch point has ¾" side wear.

Head block Ties 3 in a row deteriorated.

Total of 7 switch Timbers deteriorated.

Frog has ½" lateral movement causing tight gage 56 ¾ on the main side.

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 2 Yard TAIL WO # 2991093

Inspection Crew M Alchin R Nelson

1 Location 0M
2 Switch I.D. # 7B/9A
3 Facing Trailing

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

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

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

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

Rivets (Huck Bolts)
17 Loose 0 N/A
18 Missing 0 N/A
19 Cotter Pins missing 0 N/A
20 Jam Nuts Loose 0 N/A
21 Washers OK Broken 0 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
WEM Mod. 09-15-08
Frog Inspection Report / Annual

Mainline | 1 | 2 | Yard | TAIL | WO # | 2991093
--- | --- | --- | --- | --- | --- | ---

Date: 9/16/2017
Inspection Crew: M Alchin R Nelson

1. Location: OM
2. Switch ID #: 7B/9A
3. Facing: Trailing
4. Frog Tread: N S Y R R S Y R
5. Frog # 16
6. Frog Point Condition: S Y R
7. Condition of Frog: S Y R
8. Surface of Frog: S Y R
9. Throat in Inches: 2
10. Flangeway Depth: Flangeway Depth must not be less than 1 1/2"

Gage
1. Main Track: 36.47
2. Turnout Track: 36.47

Gage must not be less than 56" any Class

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

5. Condition: S Y R
6. Location of Guard Rail (Relation to Point): S Y R

Guard Rail Clamps
7. Main Track: S Y R
8. 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
1. 58 Condition: S O R
2. 59 Rail Movement: S O R
3. Tie Plates: Fros
4. 60 Lead: S Y R
5. 61 Guard Rail Flangeway: S Y R N R
6. Guard Rail Flangeway can not be less 1 1/2"
7. 62 Guard Rail Plates: S Y R
8. 63 Frog Plates: S Y R

Bolts
1. 64 Loose: N/A
2. 65 Missing: N/A

Rivets (Huck)
1. 66 Loose: N/A
2. 67 Missing: N/A
3. 68 Nuts Missing: N/A
4. 69 Cotter Pins Missing: N/A
5. 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
Right hand switch point has 1/8" side wear.
Right hand straight stock rail has 1/8" side wear.
Total of 13 switch timbers deteriorated.
Foaghas 4" lateral movement causing tight gage on the Main side switch.

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)

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### Asset Details

- **Year:**

### Costs

- **Total Planned Cost:** 0.00

---

Site:  
Failure Class:  
Problem Code:  
Priority:  
Asset/Location Priority:  
Is Task?:  
Parent WO:  
Warranty Situation Present: N  
Maintenance Alert?:  
Repair Order?:  
Has Follow-up Work?:  
Quick PM?:

---

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uiSessionId=425&csrftoken=...  
11/15/2017
Frog Inspection Report / Annual

Mainline 1 2 Yard 1 WO # 3119794

Date: 11/16/17 11/15/2017

Inspection Crew: Melvin M. Wilhelm

1 Location WAB
2 Switch ID # 135A
3 Facing X Trailing
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 2 3/4
50 Flangeway Depth

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

Gage
51 Main Track 56 3/8
52 Turnout Track

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 R 54 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
**Switch Inspection Report /Annual**

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**Inspection Crew**

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<td>6 Point Throw, nothing less than 4 3/4 inches</td>
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<td>7 Point Opening</td>
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<td>9 General Condition of the Points</td>
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**Gage**

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<td>a) Turnout</td>
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<td>11 Gage ahead of Bend</td>
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<td>12 Heel Spread in Inches</td>
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<tr>
<td>a) Turnout</td>
</tr>
<tr>
<td>a) Main</td>
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**Stock Rail**

| 13 Bend | SY R |
| 14 Condition | SY 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 | SY R N/A |
| 27 #1 Rod (Basket Rod) | SY R N/A |
| 28 #2 Rod | SY R N/A |
| 29 #3 Rod | SY R N/A |
| 30 #4 Rod | SY R N/A |
| 31 Closure Rail | SY R N/A |
| 32 Surface of Switch | SY R N/A |
| **Using a 62' cord** |
| S= Up to 1" Max allowed Speed |
| Y= 1" to 1 1/2" 40 MPH |
| R= 1 1/2" to 1 3/4" 12 MPH |
| Greater than 1 3/4" = Out of Service |

| 33 Head Block ties | SY R |
| 34 Switch Adjustments | Yes |
| 35 Lubrication | Dry |
| 36 Switch Target / Lamps | OK | Missing N/A |
| 37 Latches | OK | Broken | Missing |
| 38 Locks | OK | Broken | Missing |

**Remarks on Page 3**

JEM Mod. 09-15-08
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)

Work Order: 3110766  METRO MOW ANNUAL SWITCH INSPECTION
Classification: MTA \ METRO
Classification Description: MTA - METRO
Asset: 1243422  METRO MOW SWITCH 1358 WABASH YD TRK 2 WEST
Alias: TMWW1358
Location: METROMOW  Maintenance of Ways
Work Location: Maintenance of Ways
Work Type: PM
Status: APPR
Status Date: 11/15/17 11:05:00 AM
Reported By: MTACRON
Phone: 
Reported Date: 10/03/17 04:14:33 AM
On Behalf Of: 
Consist: 

Asset Details

Costs

Total Planned Cost: 0.00

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=413&csrftoken=...  11/15/2017
Switch Inspection Report / Annual

Mainline ____________ 1  2  ____________ Yard ____________ 2  ____________

Inspection Crew ____________________________ WO # 3119786

1 Location WAB
2 Switch I.D. # 135B
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 4 3/8  R 4 3/8
7 Point Opening  N 5 3/8  R 5 3/8
8 Fit  S Y R
9 General Condition of the Points  S Y R

Gage
10 Heel of Switch
   a) Main 36 1/8
   a) Turnout 36 1/8
11 Gage ahead of Bend 56 1/8
   Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
   a) Turnout 56 1/8
   a) Main 56 1/8

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 0 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

EM Mod. 09-15-08
Frog Inspection Report / Annual

<table>
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**Date:**
- 1 Location: WA8
- 2 Switch ID #: 135B
- 3 Facing: Trail
- 44 Frog Tread: N S Y R
- 45 Frog #: 10
- 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: 2 1/4
- 50 Flangeway Depth: S Y R

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

**Gage**
- 51 Main Track: 54 13/16
- 52 Turnout Track: 50 1/16

**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**

**Guard Rails**
- 53 Guard Rail Gage: N 54 1/8 R 54 3/8
- 54 Back to Back: N R 52 1/16

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

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

**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 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: N/A

**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**
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]
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<td>3 Facing</td>
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**Rail Points**

4 Point to Point 50%  
5 Point Condition S/Y/R  
6 Point Throw, nothing less than 4 3/4 inches N 4 3/4 R  
7 Point Opening N 5 1/4 R  
8 Fit S Y R  
9 General Condition of the Points S Y R  

**Gage**

10 Heel of Switch  
11 Gage ahead of Bend S 62 N/A  
12 Heel Spread in Inches  
13 Bend S Y R  
14 Condition S Y R  

**Stock Rail**

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

**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  

**Rivets (Huck Bolts)**

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  

**Remarks on Page 3**  

EM Mod. 09-15-08
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1 Location | WAB
2 Switch ID # | 133A
3 Facing | Trailing
44 Frog Tread | N Y R
45 Frog ID # |
46 Frog Point Condition | SYR
47 Condition of Frog | SYR
48 Surface of Frog | SYR
49 Throat in Inches | 2 1/4
50 Flangeway Depth |
Flangeway Depth must not be less than 1 1/2"

**Gage**
51 Main Track | 36 7/8
52 Turnout Track | 36 3/4
Gage must not be less than 56" any Class

**Guard Rails**
53 Guard Rail Gage | N 51 1/2 R 54 9/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back | N R 53 1/8"
Back to Back must be less than 53 1/8"
55 Condition | SYR
56 Location of Guard Rail (Relation to Point) | SYR

**Guard Rail Clamps**
57 Main Track | SYR
58 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

**Turnout Ties**
58 Condition | SYR
59 Rail Movement | SYR

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

**Bolts**
64 Loose |
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 | 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
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]

Switch# WAB 133A
WO # 3119802
Date 11/16/17
Switch Inspection Report / Annual

Mainline 1 2 3 Yard 2

1 Location: WAB
2 Switch I.D. #: 133B
3 Facing: X Trailing

Inspection Crew: R. Nelson, M. Alchin

WO # 3119798

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

Gage:
10 Heel of Switch:
a) Main: S 36 1/2
   b) Turnout: S 56 1/2
11 Gage ahead of Bend: S 56 1/2
   Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches:
a) Turnout: L 3 1/2
   b) Main: L 3 1/2

Stock Rail:
13 Bend:
14 Condition:

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

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

Remarks on Page 3

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| 1 Location | WAB |
| 2 Switch ID # | 133B |
| 3 Facing | X Trailing |
| 44 Frog Tread | N S Y R R S Y R |
| 45 Frog # | 6 |
| 46 Frog Point Condition | S Y R |
| 47 Condition of Frog | S Y R |
| 48 Surface of Frog | S Y R |
| 49 Throat in Inches | 8 1/4 |
| 50 Flangeway Depth | |

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

**Gage**

| 51 Main Track | 51/2 |
| 52 Turnout Track | 52 1/2 |

**Guard Rails**

| 53 Guard Rail Gage | N S Y R R S Y R |
| **Guard Rail Gage must be less than 54 3/8"** |
| 54 Back to Back | N R S Y R |

**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**

**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 | 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 | |
| 65 Missing | 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 | Difference |

| 75 Condition of Line thru entire turnout | S 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: [Signature]
Work Order Tracking (Tr)

Work Order: 3130322
Classification: MTA \ METRO
Classification Description: MTA - METRO
Asset: 1243410
Alias: TMWY123
Location: METROMOW
Work Location: Maintenance of Ways
Work Type: PM
Status: APPR
Status Date: 11/16/17 06:06:42 PM
Reported By: MTACRON
Phone:
Reported Date: 10/16/17 04:14:31 AM
On Behalf Of:
Consist:

Asset Details

Costs

Total Planned Cost: 0.00

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=633&csrftoken=... 11/16/2017
Mainline 1 2 Yard 11

Date: 11/16/2017

Inspection Crew

1 Location WAB
2 Switch I.D. # 123
3 Facing X Trailing

Rail Points
4 Point to Point 31 1/8
5 Point Condition S Y R
6 Point Throw, nothing less than 4 3/4 inches N 4 3/4 R 4 3/8
7 Point Opening N 5 1/4 R 5 1/4
8 Fit S Y R
9 General Condition of the Points S Y R

Gage
10 Heel of Switch
   a) Main 36 1/8
   a) Turnout 36 1/8
11 Gage ahead of Bend S Y R
   it not be less than 56 inches or
   more than 57 inches for "S"
12 Heel Spread in Inches
   a) Turnout 6 1/2
   a) Main 6 1/2

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

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

rivets (Huck bolts)
17 Loose O N/A
18 Missing O N/A
19 Cotter Pins missing O N/A
20 Jam Nuts Loose O N/A
21 Washers OK Broken Missing

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

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

EM Mod. 09-15-08
Frog Inspection Report / Annual

Mainline: 1 2 Yard: 11

Date: 11/16/2017 Inspection Crew: [Signature]

WO # 3130322

1 Location: WAB
2 Switch ID #: 123
3 Facing: X Trailing
44 Frog Tread: N S Y R R S Y R
45 Frog #: 6
46 Frog Point Condition: S Y R
47 Condition of Frog: S Y R
48 Surface of Frog: S Y R
49 Throat in Inches: 10
50 Flangeway Depth: Flangeway Depth must not be less than 1 1/2".

Gage
51 Main Track: 56 1/8
52 Turnout Track: 56 1/8

Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage: N 54 3/8 R

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

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

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

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

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

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

Tie Plates
60 Lead: S Y R
61 Guard Rail Flangeway: S Y R

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

Bolts
64 Loose: 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: 0

75 Condition of Line thru entire turnout: S Y R

Remarks on page 3
Switch# WAB 123
WO # 3130322
Date 11/16/2017

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)

Work Order: 3138948
Classification: MTA \ METRO
Classification Description: MTA - METRO
Asset: 1243425
Alias: TMWY145
Location: METROMOW
Maintenance of Ways
Work Location:
Work Type: PM
Status: APPR
Status Date: 11/16/17 06:08:26 PM
Reported By: MTACRON
Phone:
Reported Date: 10/23/17 04:14:31 AM
On Behalf Of:
Consist:

Asset Details

Costs

Total Planned Cost: 0.00

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=633&csrftoken=... 11/16/2017
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<th><strong>WAB</strong></th>
<th><strong>1</strong></th>
<th><strong>2</strong></th>
<th><strong>Switch I.D. #</strong></th>
<th><strong>145</strong></th>
<th><strong>Yard</strong></th>
<th><strong>7</strong></th>
<th><strong>Inspection Crew</strong></th>
<th><strong>W. Nelson M. Alston</strong></th>
</tr>
</thead>
</table>

| **Rail Points** | **Point to Point** | **51 1/8** | **Point Condition** | **S Y R** | **Point Throw** | **nothing less than 4 3/4 inches** | **N 41 7/16 Y R 4 1/8** | **Point Opening** | **N 51 1/8 Y R 5 3/16** | **Fix** | **S Y R** |

| **Gage** | **Heel of Switch** | **a) Main** | **51 1/8** | **a) Turnout** | **51 1/8** | **Gage ahead of Bend** |  | **not be less than 56 inches or more than 57 inches for "S"** | **Heel Spread in Inches** | **a) Turnout** | **51 1/8** | **a) Main** | **51 1/8** |

| **Stock Rail** | **Bend** | **S Y R** | **Condition** | **S Y 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** | **Closure Rail** | **S Y R N/A** |

| **Surface of Switch** | **S Y R N/A** | **Using a 62' chord** | **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** | **Dry** | **36 Switch Target / Lamps** | **OK Missing** | **N/A** |

| **Latches** | **OK Broken Missing** | **37 Latches** | **38 Locks** | **OK Broken Missing** | **39 General Condition** | **S Y R** | **40 Insulated Joints** | **S Y R** |

**Remarks on Page 3**

**EM Mod. 09-15-08**
Mainline  1  2  Yard  7  

Date  11/16/2017  Inspection Crew:  

1 Location  WAB 
2 Switch ID #  145 
3 Facing  X  Trailing 
44 Frog Tread  
45 Frog #  0 
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  S  Y  R  R 
Guard Rail Gage must be less than 54 3/8"  
54 Back to Back  N  S  Y  R  R  
Back to Back must be less than 53 1/8"  

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

Guard Rail Clamps  
56 Main Track  
57 Turnout Track  

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

Remarks on page 3  

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  

WO #  3138048
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]
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<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>6</th>
<th>WO #</th>
<th>3130326</th>
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</table>

**Rail Points**
- Location: WAB
- Switch I.D. #: 143
- Facing: X, Trailing

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<th>4</th>
<th>Point to Point</th>
<th>52 (\frac{1}{8})</th>
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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, nothing less than 4 3/4 inches</td>
<td>N 4(\frac{1}{4}) R 4(\frac{1}{4})</td>
</tr>
<tr>
<td>7</td>
<td>Point Opening</td>
<td>N 4(\frac{1}{4}) R 4(\frac{1}{4})</td>
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<td>8</td>
<td>Fit</td>
<td>S Y R</td>
</tr>
<tr>
<td>9</td>
<td>General Condition of the Points</td>
<td>(S) Y R</td>
</tr>
</tbody>
</table>

**Gage**
- Heel of Switch:
  - Main 1\(\frac{1}{8}\)
  - Turnout 2\(\frac{1}{8}\)
- Gage ahead of Bend:
  - Not be less than 56 inches or more than 57 inches for "S"

**Stock Rail**
- Bend:
  - (S) Y R
- Condition:
  - (S) Y R

**Bolts**
- Loose: N/A
- Missing: N/A

**Rivets (Huck Bolts)**
- Loose: N/A
- Missing: N/A
- Cotter Pins missing: N/A
- Jam Nuts Loose: N/A
- Washers: OK, Broken: N/A, Missing: N/A

**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
- 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

**Remarks on Page 3**
MEM Mod. 09-15-08
### Frog Inspection Report

**Date:** 11/16/2017  
**Inspection Crew:** [Signature]

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<th>WO #</th>
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<td><em>Frog Tread</em></td>
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<td><em>Frog #</em></td>
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<td><em>Surface of Frog</em></td>
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</table>

**Gage**

51 Main Track 11/12  
52 Turnout Track  
_Gage must not be less than 56" any Class_  

**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 R  
_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_

**Turnout Ties**

58 Condition SYR
59 Rail Movement SYR
60 Lead SYR
61 Guard Rail Flangeway SYR N R  
_Guard Rail Flangeway can not be less 1 1/2"_  
62 Guard Rail Plates SYR
63 Frog Plates SYR

**Bolts**

64 Loose  
65 Missing

**Rivets (Huck)**

66 Loose  
67 Missing  
68 Nuts Missing  
69 Cotter Pins Missing N/A  
70 Washers  
71 Hold Down Devices SYR N/A  
72 Spring Housing SYR N/A  
73 Derails SYR 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** SYR

**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: [Signature]
### Switch Inspection Report / Annual

**WO # 3138972**

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**Rail Points**

- **4 Point to Point**: 5/18
- **5 Point Condition**: S/Y R
- **6 Point Throw, nothing less than 4 3/4 inches**: N 4 3/4 R 4 3/4
- **7 Point Opening**: N 5 R 5
- **8 Fit**: S/Y R
- **9 General Condition of the Points**: S/Y R

**Gage**

- **10 Heel of Switch**
  - a) Main: 36
  - b) Turnout: 36
- **11 Gage ahead of Bend**: 56
- **12 Heel Spread in Inches**
  - a) Turnout: 12
  - b) Main: 12

**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 N/A

**Switch Rods**

- **26 Front Rod**: 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

**Stock Rail**

- **33 Using a 62' cord**
- **34 Switch Adjustments**: Yes
- **35 Lubrication**: 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**

*VEM Mod. 09-15-08*
<table>
<thead>
<tr>
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<th>1</th>
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**Gage**

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

**Guard Rails**

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<tbody>
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<td>Guard Rail Gage</td>
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*Guard Rail Gage must be less than 54 3/8"*

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<tbody>
<tr>
<td>Back to Back</td>
<td>N</td>
<td>4 3/4</td>
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</tbody>
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*Back to Back must be less than 53 1/8"*

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<tr>
<td>Condition</td>
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<tr>
<td>Location of Guard Rail (Relation to Point)</td>
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**Guard Rail Clamps**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Track</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>Turnout Track</td>
<td></td>
<td>S Y R</td>
</tr>
</tbody>
</table>

**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**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>58 Condition</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>59 Rail Movement</td>
<td>S Y R</td>
<td></td>
</tr>
</tbody>
</table>

**Tie Plates**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>60 Lead</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>61 Guard Rail Flangeway</td>
<td>S Y R</td>
<td>N</td>
</tr>
</tbody>
</table>

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

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<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**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>64 Loose</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>65 Missing</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Rivets (Huck)**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>66 Loose</td>
<td>N/A</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 OK Broken</td>
<td>Missing</td>
<td></td>
</tr>
</tbody>
</table>

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

**74 Maximum difference in any 31’ in Cross**

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

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Difference</td>
<td>OK</td>
<td></td>
</tr>
</tbody>
</table>

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>75 Condition of Line thru entire turnout</td>
<td>S Y R</td>
<td></td>
</tr>
</tbody>
</table>
Switch# WAB 121  WO # 3138972  Date  11/17/2017

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)

Work Order: 3147667
Classification: MTA\METRO
Classification Description: MTA - METRO
Asset: 1243417
Alias: TMWY131A
Location: METROMOW
Work Location: 
Work Type: PM
Status: APPR
Status Date: 11/17/17 12:40:16 PM
Reported By: MTA\ACRON
Phone: 
Reported Date: 10/30/17 04:14:38 AM
On Behalf Of: 
Consist: 

Asset Details

Costs

Total Planned Cost: 0.00
Switch Inspection Report / Annual

Mainline 1 2 Yard 1

1 Location WAB
2 Switch I.D. # 131A
3 Facing X Trailing

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

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

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 0 N/A

Remarks on Page 3

WO # 3147667

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 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

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

Mainline 1 2 Yard

Date: 11/17/2017
Inspection Crew: [Signature]

WO # 3147667

1 Location: WAB
2 Switch ID #: 131A
3 Facing: X
44 Frog Tread: N S Y R
45 Frog #: 1
46 Frog Point Condition: S Y R
47 Condition of Frog: S Y R
48 Surface of Frog: S Y R
49 Throat in Inches:
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 S Y R
Guard Rail Gage must be less than 54 3/8"
54 Back to Back: N S Y R
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
Switch# WAB 131A

WO # 3147667

Date 11/17/2017

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)

Work Order: 3147679
Classification: MTA - METRO
Classification Description: MTA - METRO
Asset: 1243416
Alias: TMWY129B
Location: METROMOW
Work Location:
Work Type: PM
Status: APPR
Status Date: 11/17/17 12:45:21 PM
Reported By: MTACRON
Phone:
Reported Date: 10/30/17 04:14:44 AM
On Behalf Of:
Consist:

Asset Details

Costs

Total Planned Cost: 0.00

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=740&csrftoken=... 11/17/2017
Switch Inspection Report /Annual

Date: 11/17/2017

Mainline: 1

Location: WAB
Switch I.D. #: 129A
Facing: Trailing

Yard: 1

Inspection Crew: [Signature]

WO #: 3147679

Rail Points
4 Point to Point: S1
5 Point Condition: S Y R

6 Point Throw: nothing less than 4 3/4 inches
N: 4 3/4 R: 6

7 Point Opening: N: 5 1/2 R: 6

8 Fit: S Y R

9 General Condition of the Points: S Y R

Gage
10 Heel of Switch
a) Main: 3 1/2
a) Turnout: 3 1/2

11 Gage ahead of Bend: S1/2

12 Heel Spread in Inches
a) Turnout: 1 3/4
a) Main: 1 3/4

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

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

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

Switching Equipment
26 Front Rod: S Y R N/A
27 #1 Rod (Basket Rod): S Y R N/A
28 #2 Rod: S Y R N/A
29 #3 Rod: S Y R N/A
30 #4 Rod: S Y R N/A
31 Closure Rail: S Y R N/A

32 Surface of Switch: S Y R N/A

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

33 Head Block ties: S Y R

34 Switch Adjustments: Yes: No

35 Lubrication: OK Dry

36 Switch Target / Lamps: OK Missing:

37 Latches: OK Broken: Missing:

38 Locks: OK Broken: Missing:

39 General Condition: S Y R

40 Insulated Joints: S Y R

Remarks on Page 3

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

**WO #** 3147679

**Mainline**

<table>
<thead>
<tr>
<th>1 Location</th>
<th>WAB</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Switch ID #</td>
<td>129A</td>
</tr>
<tr>
<td>3 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>44 Frog Tread</td>
<td>N (SYR)</td>
</tr>
<tr>
<td>45 Frog #</td>
<td>R (SYR)</td>
</tr>
<tr>
<td>46 Frog Point Condition</td>
<td>(SYR)</td>
</tr>
<tr>
<td>47 Condition of Frog</td>
<td>(SYR)</td>
</tr>
<tr>
<td>48 Surface of Frog</td>
<td>(SYR)</td>
</tr>
<tr>
<td>49 Throat in Inches</td>
<td>2 1/4</td>
</tr>
<tr>
<td>50 Flangeway Depth</td>
<td></td>
</tr>
</tbody>
</table>

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

**Gage**

<table>
<thead>
<tr>
<th>51 Main Track</th>
<th>5/16</th>
</tr>
</thead>
</table>

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

**Guard Rails**

| 52 Turnout Track | 5/16 |

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

<table>
<thead>
<tr>
<th>53 Guard Rail Gage</th>
<th>N (SYR)</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>54 Condition</th>
<th>(SYR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>54 Location of Guard Rail (Relation to Point)</td>
<td>(SYR)</td>
</tr>
</tbody>
</table>

**Guard Rail Clamps**

<table>
<thead>
<tr>
<th>55 Main Track</th>
<th>(SYR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>57 Turnout Track</td>
<td>(SYR)</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>58 Condition</th>
<th>(SYR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>59 Rail Movement</td>
<td>(SYR)</td>
</tr>
</tbody>
</table>

**Tie Plates**

| 60 Lead | (SYR) |
| 61 Guard Rail Flangeway | (SYR) |

*Guard Rail Flangeway can not be less 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 Missing |

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

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

| 74 | Difference |

**Condition of Line thru entire turnout**

| 75 | (SYR) |

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: [Signature]
Work Order Tracking (Tr)

Work Order: 3147675
Classification: MTA\METRO
Classification Description: MTA - METRO
Asset: 1243415
Alias: TMWY128A
Location: METROMOW
Work Location: Maintenance of Ways
Work Type: PM
Status: APPR
Status Date: 11/17/17 12:44:01 PM
Reported By: MTA CRON
Phone:
Reported Date: 10/30/17 04:14:42 AM
On Behalf Of: Consist:

Asset Details

Costs

Total Planned Cost: 0.00
**Switch Inspection Report / Annual**

**Mainline** 1 2 **Yard** 1 **Inspection Crew** [Signature]

**WO #** 3147675

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Location</td>
<td>WAB</td>
<td></td>
</tr>
<tr>
<td>2 Switch I.D. #</td>
<td>129A</td>
<td></td>
</tr>
<tr>
<td>3 Facing</td>
<td>Trailing</td>
<td>X</td>
</tr>
</tbody>
</table>

**Rail Points**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Point to Point</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>5 Point Condition</td>
<td>SYR</td>
<td></td>
</tr>
<tr>
<td>6 Point Throw, nothing less than 4 3/4 inches</td>
<td>1/8</td>
<td>R</td>
</tr>
<tr>
<td>7 Point Opening</td>
<td>5 1/8</td>
<td>R</td>
</tr>
<tr>
<td>8 Fit</td>
<td>SYR</td>
<td></td>
</tr>
<tr>
<td>9 General Condition of the Points</td>
<td>SYR</td>
<td></td>
</tr>
</tbody>
</table>

**Gage**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Heel of Switch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) Main</td>
<td>56 1/8</td>
<td></td>
</tr>
<tr>
<td>a) Turnout</td>
<td>56 1/8</td>
<td></td>
</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Stock Rail**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>13 Bend</td>
<td>SYR</td>
<td></td>
</tr>
<tr>
<td>14 Condition</td>
<td>SYR</td>
<td></td>
</tr>
</tbody>
</table>

**Bolts**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>15 Loose</td>
<td>O</td>
<td>N/A</td>
</tr>
<tr>
<td>16 Missing</td>
<td>O</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Rivets (Huck Bolts)**

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

**Switch Rods**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>26 Front Rod</td>
<td>SYR N/A</td>
<td></td>
</tr>
<tr>
<td>27 #1 Rod (Basket Rod)</td>
<td>SYR N/A</td>
<td></td>
</tr>
<tr>
<td>28 #2 Rod</td>
<td>SYR N/A</td>
<td></td>
</tr>
<tr>
<td>29 #3 Rod</td>
<td>SYR N/A</td>
<td></td>
</tr>
<tr>
<td>30 #4 Rod</td>
<td>SYR N/A</td>
<td></td>
</tr>
<tr>
<td>31 Closure Rail</td>
<td>SYR N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Surface of Switch**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>32 Using a 62' cord</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Using a 62' cord**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S: Up to 1' Max allowed Speed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Y: 1' to 1 1/2' 40 MPH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R: 1 1/2' to 1 3/4' 12 MPH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greater than 1 3/4' = Out of Service</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>33 Head Block ties</td>
<td>SYR</td>
<td></td>
</tr>
<tr>
<td>34 Switch Adjustments</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>35 Lubrication</td>
<td>OK</td>
<td>Dry</td>
</tr>
</tbody>
</table>

**Switch Target / Lamps**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>OK</td>
<td>Missing</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Latches**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>OK</td>
<td>Broken</td>
<td>Missing</td>
</tr>
</tbody>
</table>

**Locks**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>OK</td>
<td>Broken</td>
<td>Missing</td>
</tr>
</tbody>
</table>

**General Condition**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SYR</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Insulated Joints**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SYR</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks on Page 3**

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

WO # 3147675

Mainline 1 2 Yard 1
Date 11/17/2017 Inspection Crew: R Nelson M Atchley

1 Location WAB
2 Switch ID # 129A
3 Facing Trails X
44 Frog Tread N S Y R R S Y R
45 Frog # 6
46 Frog Point Condition S Y R
47 Condition of Frog S Y R
48 Surface of Frog S Y R
49 Throat in Inches 5/8
50 Flangeway Depth S Y R
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 1/8
52 Turnout Track 56 1/8
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 S Y R
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 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
72 Spring Housing S Y R N/A
73 Derails S Y R N/A

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

75 Condition of Line thru entire turnout S Y R

Remarks on page 3
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>
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<th>Work Order: 3147671</th>
<th>METRO MOW ANNUAL SWITCH INSPECTION</th>
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**Asset Details**

| Year: | |

**Costs**

| Total Planned Cost: | 0.00 |

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http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=740&csrftoken=... 11/17/2017
Mainline 1 2 Yard 2

Date: 11/17/2017

Inspection Crew

Location WAB
Switch I.D. # 131B
Facing Trailing X

Rail Points
4 Point to Point 50 78
5 Point Condition S Y R
6 Point Throw nothing less than 4 3/4 inches N 4 3/4 R 4 3/4
7 Point Opening N 5 7/8 R 5 7/8
8 Fit S Y R
9 General Condition of the Points S Y R

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

Stock Rail
13 Bend 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
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

NWEM Mod. 09-15-08
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<td>S Y R</td>
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59 Rail Movement

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