Work Order Tracking (Tr)

Find Work Order


Work Order: 1640912

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1247109

Alias: RA3B

Location: 341WSWRAN

Chain Markers West, Rogers Avenue Interlock, METRO MOI

Work Location:

• Work Type: PM

Status: APPR

Status Date: 09/18/14 05:37:17 AM

Reported By: MTACRON

Phone:

Reported Date: 09/16/14 03:09:57 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET

Fleet Assets

Status: OPERATING

Operating

Asset Condition:

Address Information

Service Address:

Formatted Address:

Street Address:

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&uisessionid=318&csrftoken... 9/18/2014
Mainline: ML-1
Yard: 
WO#: 1640912

Date: 9-20-14
Inspection Crew: Jefferson, Greenwood, Dennis Nelson

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

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

Gage
10 Heel of Switch:
   a) Main: 5 3/4
11 Gage ahead of Bend: 3 6 3/4
   Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches:
   a) Turnout: 6 1/4
   a) Main: 6 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: N/A
19 Cotter Pins missing: 0 N/A
20 Jam Nuts Loose: 0 N/A
21 Washers: OK Broken Missing

Switch Rods
26 Front Rod: S Y R N/A
27 #1 Rod (Basket Rod): S Y R N/A
28 #2 Rod: S Y R N/A
29 #3 Rod: S Y R N/A
30 #4 Rod: S Y R 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
Mainline ML-1 Yard

Date: 9-20-14 Inspection Crew: Jefferson, Greenwood, Dennis, Nelson

41 Location Rodgers Ave.
42 Switch I.D. # 3B
43 Facing Trailing X
44 Frog Tread N SY R R SY R
45 Frog # 16
46 Frog Point Condition SY R
47 Condition of Frog SY R
48 Surface of Frog SY R
49 Throat in Inches 3/8
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 36.76
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 52 3/8 R 52 3/8
Back to Back must be less than 53 1/8"
55 Condition SY R
55 Location of Guard Rail (Relation to Point) SY R

Guard Rail Clamps
56 Main Track SY R
57 Turnout Track SY R

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

Turnout Ties
58 Condition SY R
59 Rail Movement SY R

Tie Plates
60 Lead SY R
61 Guard Rail Flangeway SY R N 1 13/16
Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates SY R
63 Frog Plates SY R

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

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

71 Hold Down Devices SY R N/A
72 Spring Housing SY R N/A
73 Derails SY 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 SY R

remarks on page 3
Wide gauge in heel block area 57"x. Plates, hold down devices, adjustable braces are all loose. Also rail movement WO# 1284346.

Speed restriction at 30 mph on track #1 9/20/14. 9:55 a.m. Change to 20 mph at 1200 p.m.

Entire switch needs surfaced & lined. WO# 1438176.

Spike killed timbers WO# 915835.

Loose plates & hold down devices. WO# 1284346.

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
Work Order Tracking (Tr)

Work Order: 1640992
Classification: MTA \ METRO
Classification Description: MTA - METRO
Asset: 1248983
Alias: RA3A
Location: 344WSWRA3/
Work Location:
Work Type: PM
Status: APPR
Status Date: 09/18/14 05:36:11 AM
Reported By: MTACRON
Phone:
Reported Date: 09/18/14 03:06:47 AM
On Behalf Of:
Consist:

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

Address Information
Service Address:
Formatted Address:
Street Address:

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9/18/2014
Switch Inspection Report / Semi Annual

Mainline _______ ML - 2 _______ Yard _______ WO# _______ 1640892 _______

Date: 9-20-14  Inspection Crew: Jefferson, Greenwood, Dennis, Melan

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

Rail Points
4 Point to Point 51/8
5 Point Condition SYR
6 Point Throw, nothing less than 4 3/4 inches
   N 51/8 R
7 Point Opening
   N 41/8 R
8 Fit SYR
9 General Condition of the Points SYR

Gage
10 Heel of Switch
   a) Main 561/4
   a) Turnout 561/4
11 Gage ahead of Bend 561/4
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
   a) Turnout 6/4
   a) Main 10/4

Stock Rail
13 Bend SYR
14 Condition SYR

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

Remarks on Page 3
JBW/WEM 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 Dry
36 Switch Target / Lamps OK Missing N/A
37 Latches
   OK Broken Missing
38 Locks
   OK Broken Missing
39 General Condition SYR
40 Insulated Joints SYR
Frog Inspection Report / Semi Annual

Mainline _______ ML-2 _______ Yard ____________ WO # ____________ 1640892

Date: _______ 9-20-14 _______ Inspection Crew: ____________

41 Location _______ Rodgers Ave. _______ 42 Switch I.D. # _______ 3A

43 Facing _______ Trailing _______ X

44 Frog Tread N _______ Y 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 _______ 3 1/2 _______ 50 Flangeway Depth _______ 2

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

Gage _______ 51 Main Track _______ 5 1/8 _______

52 Turnout Track _______ 5 1/8 _______

Gage must not be less than 56" any Class

Guard Rails _______ 53 Guard Rail Gage N _______ 54 3/8 _______ 54 3/8

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

54 Back to Back _______ N _______ 52 1/4 _______ 52 1/4

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

60 Lead _______ 61 Guard Rail Flangeway S Y R N _______ 13/32 _______

Guard Rail Flangeway can be less than 1-1/2"

62 Guard Rail Plates S Y R

63 Frog Plates S Y R

Bolts _______ 64 Loose _______ O _______ N/A

65 Missing _______ O _______ 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 80' beyond last long tie

OK _______ Difference _______

75 Condition of Line thru entire turnout S Y R

Remarks on page 3
Battered standard Joint closure rail. WO # 1653676

Numerous plates are loose due to sunken filled timbers. WO # 1438223

Numerous hold down devices are loose. WO # 1559145

Entire switch needs to be surfaced & lined. WO # 1438209

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: [Signature]
Work Order Tracking (Tr)

Find Work Order

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

Work Order: 1640840

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246986

Alias: RA1B

Location: 344WSWRA11

Metro MOW Switch RA1B Chain Mark = 344W15

Work Location:

Work Type: PM

Status: APPR

Status Date: 09/18/14 05:36:40 AM

Reported By: MTACRON

Phone:

Reported Date: 09/18/14 03:07:18 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET

Fleet Assets

Status: OPERATING

Operating

Asset Condition:

Address Information

Service Address:

Formatted Address:

Street Address:

http://mtassets/maximo/ui/?event=loadapp&value=plustwo&ui_sessionid=318&csrf_token... 9/18/2014
Mainline ML - 1 Yard
Date: 9-20-14 Inspection Crew: Jefferson Greenwood Dennis Nelson

WO# 1640940

1 Location Rodgers Ave.
2 Switch I.D. # 1B
3 Facing X Trailing

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

Gage
10 Heel of Switch a) Main 1 1/4
   a) Turnout 1 7/8
11 Gage ahead of Bend 30

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

12 Heel Spread in Inches
   a) Turnout 5 3/16
   a) Main 5 3/16

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

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

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

Switch Rods
26 Front Rod S Y R N/A
27 #1 Rod (Basket Rod) S Y R N/A
28 #2 Rod S Y R N/A
29 #3 Rod S Y R N/A
30 #4 Rod S Y R 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    ML-1    Yard

Date:  9-20-14    Inspection Crew: Jefferson, Greenwood, Dennis, Nelson

41 Location  Rodgers Ave.
42 Switch I.D. #  1B
43 Facing  X  Trailing
44 Frog Tread
          N  SYR  
          R  SYR

45 Frog #  __
46 Frog Point Condition
          SYR
47 Condition of Frog
          SYR
48 Surface of Frog
          SYR

49 Throat in Inches  3 3/8
50 Flangeway Depth  8

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

Gage
51 Main Track  51 1/2"
52 Turnout Track  50 1/4"
Gage must not be less than 56" any Class

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

Tie Plates
60 Lead
          SYR
61 Guard Rail Flangeway
          SYR  N  11/16"
Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates
          SYR
63 Frog Plates
          SYR

Bolts
64 Loose
          N/A
65 Missing
          N/A

Rivets (Huck)
66 Loose
          N/A
67 Missing
          N/A
68 Nuts Missing
          N/A
69 Cotter Pins Missing
          N/A
70 Washers /OK/ Broken 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
Entire switch needs to be surfaced and lined. (WO# 1438178)

Deteriorated switch timbers. (WO# 1424927)

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**

<table>
<thead>
<tr>
<th>List</th>
<th>Work Order</th>
<th>Plans</th>
<th>Actuals</th>
<th>Activities</th>
<th>Measurements</th>
<th>Axle Configuration</th>
<th>Related Records</th>
<th>Safety Plan</th>
<th>Log</th>
</tr>
</thead>
</table>

**Work Order:** 1540936

**Classification:** MTA / METRO

**Classification Description:** MTA - METRO

**Asset:** 1247286

**Alias:** RA1A

**Location:** 341WSRRA11

**Work Location:**

- **Work Type:** PM
- **Status:** APPR

**Reported By:** MTACRON

**Status Date:** 09/18/14 05:35:07 AM

**Reported Date:** 09/18/14 03:07:15 AM

**On Behalf Of:**

**Asset Details**

- **Year:**
- **Manufacturer:**
- **Model:**
- **Serial #:**
- **Type:** FLEET

**Fleet Assets**

- **Status:** OPERATING

**Asset Condition:**

**Address Information**

**Service Address:**

**Formatted Address:**

**Street Address:**

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9/18/2014
Switch Inspection Report / Semi Annual

Mainline: ML - 2  Yard:  

Date: 9-20-14 Inspection Crew: Jefferson Greenwood Dennis Nelson

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

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

Gage
10 Heel of Switch: a) Main: 30 3/4
11 Gage ahead of Bend: 61 7/8
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches: a) Turnout: 6 1/4
a) Main: 6 1/4

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

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 ______ ML-2 ______ Yard ______ ______

Date: 9-30-14 Inspection Crew: Jefferson, Greenawald, Dennis, Halam

41 Location ______ Rodgers Ave.
42 Switch I.D. # ______ 1A
43 Facing ______ X ______ Trailing
44 Frog Tread ______ N ______ 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 ______ 3 3/8
50 Flangeway Depth ______ 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track ______ 56 1/2
52 Turnout Track ______ 56 1/2

Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage ______ N ______ 54 7/8 ______ R ______ 54 7/8

Guard Rail Gage must be less than 54 3/8"
54 Back to Back ______ N ______ 54 7/8 ______ R ______ 54 7/8

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 ______ 131/4"
Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates ______ S-Y-R
63 Frog Plates ______ S-Y-R

Bolts
64 Loose ______ O ______ N/A
65 Missing ______ O ______ 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
Entire Switch needs to be surfaced & lined. WO # 143372483
Right hand curved switch key has a chip & "back" from the front of the point. WO # 1156051
Stock rail has wheel burns in the joint area. WO # 1156058
Standard Joint on closure rail is bitter. WO # 1008662
Frog joint riser on normal side needs to be added. WO # 1008662
Deteriorated Timbers WO # 1438455
Guard rail Plates are loose WO # 1438450

All rules comply with the MTA Field Guide for Track Inspections updated April 2006
All rules are class 3 for Mainline track and class 1 for Yard tracks
S All items inspected are in compliance
Y Attention needed
R Immediate attention required or Out of Service

Reviewed by: [Signature]
# Work Order Tracking (Tr)

**Find Work Order**

<table>
<thead>
<tr>
<th>List</th>
<th>Work Order</th>
<th>Plans</th>
<th>Actuals</th>
<th>Activities</th>
<th>Measurements</th>
<th>Axle Configuration</th>
<th>Related Records</th>
<th>Safety Plan</th>
<th>Log</th>
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</thead>
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**Work Order: 1647698**

**Classification: MTA \ METRO**

**Classification Description: MTA - METRO**

**Asset: 1246852**

**Alias: CC3B**

**Location: 004WSWCC3I**

**Chain Markers East, Charles Center Interlock, Metro MOW S**

**Work Location:**

**Work Type: PM**

**Status: APPR**

**Status Date: 09/25/14 06:41:57 AM**

**Reported By: MTACRON**

**Phone:**

**Reported Date: 09/22/14 03:03:31 AM**

**On Behalf Of:**

**Consent:**

### Asset Details

<table>
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<tr>
<th>Year:</th>
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<td>Model:</td>
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**Type: FLEET**

**Fleet Assets**

**Status: OPERATING**

**Operating**

### Address Information

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Switch Inspection Report / Semi Annual

Mainline: Track # 1

Date: 9-25-14

Inspection Crew: Greenwood, Dennis, Nelson

<table>
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<tr>
<th>Location</th>
<th>Charles Center</th>
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<tr>
<td>Switch I.D. #</td>
<td>CC - 3B</td>
</tr>
<tr>
<td>Facing</td>
<td>Trailing X</td>
</tr>
</tbody>
</table>

**Rail Points**

4. Point to Point: 51" [ ]

5. Point Condition: [ ]

6. Point Throw, nothing less than 4 3/4 inches:
   - N [ ] R [ ]

7. Point Opening:
   - N [ ] R [ ]

8. Fit: [ ]

9. General Condition of the Points: [ ]

**Gage**

10. Heel of Switch:
   - a) Main: 52.44
   - 3) Turnout [ ] 66.68 [ ]

11. Gage ahead of Bend: 50.74

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

12. Heel Spread in Inches:
   - a) Turnout: [ ]
   - a) Main: [ ]

**Stock Rail**

13. Bend: [ ]

14. Condition: [ ]

**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: [ ] Broken: [ ] Missing: [ ]

**Switch Rods**

26. Front Rod: [ ] Y R N/A

27. #1 Rod (Basket Rod): [ ] Y R N/A

28. #2 Rod: [ ] Y R N/A

29. #3 Rod: [ ] Y R N/A

30. #4 Rod: [ ] Y R N/A

31. Closure Rail: [ ] Y R N/A

32. Surface of Switch: [ ] Y R N/A

Using a 62' cord:

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

33. Head Block ties: [ ] Y R

34. Switch Adjustments: Yes [ ] No [ ]

35. Lubrication: [ ] Dry

36. Switch Target / Lamps:
   - OK: [ ] Missing: [ ]

37. Latches:
   - OK: [ ] Broken: [ ] Missing: [ ]

38. Locks:
   - OK: [ ] Broken: [ ] Missing: [ ]

39. General Condition:
   - [ ] Y R

40. Insulated Joints:
   - [ ] Y R

Remarks on Page 3

JBW/WEM Mod. 09-15-08
Mainline __Track # 1 __Yard ____________

Date: 9-25-14 Inspection Crew: Greenwood, Penny, Nelson

41 Location ______ Charles Center
42 Switch I.D. # ___ CC - 3B
43 Facing ______ Trailing ___ X
44 Frog Tread N 6 Y R  R 6 Y R

45 Frog # ___ 6
46 Frog Point Condition
  6 Y R
47 Condition of Frog
  6 Y R
48 Surface of Frog
  6 Y R

49 Throat in Inches ______ 3 1/4
50 Flangeway Depth ______

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

Gage
51 Main Track ______ 53 1/4
2 Turnout Track ______ 53 3/8

Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N ______ 54 1/2  R ______ 54 1/4

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

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

55 Location of Guard Rail (Relation to Point)
  6 Y R
56 Guard Rail Clamps
57 Main Track ______ 6 Y R
57 Turnout Track ______ 6 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
  6 Y R
59 Rail Movement
  6 Y R

Tie Plates
60 Lead
  6 Y R
61 Guard Rail Flangeway
  6 Y R N 1 1/4 R 1 3/8

Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates
  6 Y R
63 Frog Plates
  6 Y R

Boots
64 Loose
  6 N/A
65 Missing
  6 N/A

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

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

Remarks on page 3
1. LH CV SW PT chipped & Pitted 9 feet back from front of point  
WO # 1653590

2. RH ST SW PT chipped & Pitted 7 feet back from front of point  
WO # 1653591

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
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**Mainline** | **Track # 2** | **Yard** | **WO#** | **1647894**
--- | --- | --- | --- | ---
**Date:** | **9-25-14** | **Inspection Crew** | 

| 1 Location | Charles Center |  |  |  |
| 2 Switch I.D. # | CC - 3A |  |  |  |
| 3 Facing | Trailing | X |  |  |

### Rail Points

| 4 Point to Point | 51/32 |
| 5 Point Condition | Y R |
| 6 Point Throw, nothing less than 4 3/4 inches | R |
| 7 Point Opening | N 47/16 R |
| 8 Fit | Y R |
| 9 General Condition of the Points | Y R |

### Gage

| 10 Heel of Switch a) Main | 51/16 |
| a) Turnout | 51/16 |
| 11 Gage ahead of Bend | 51/16 |

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

| 12 Heel Spread in Inches a) Turnout | 51/16 |
| a) Main | 51/16 |

### Stock Rail

| 13 Bend | Y R |
| 14 Condition | S 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 | Broken || Missing |

### Switch Rode

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

**Using a 62' cord**

- **S** = Up to 1" Max allowed Speed
- **Y** = 1" to 1 1/2" 40 MPH
- **R** = 1 1/2" to 1 3/4" 12 MPH
- **Greater than 1 3/4" = Out of Service**

| 33 Head Block ties | Y R |
| 34 Switch Adjustments | Yes | No |
| 35 Lubrication | OK | Dry |
| 36 Switch Target / Lamps | OK | Missing N/A |
| 37 Latches | OK | Broken || Missing |
| 38 Locks | OK | Broken || Missing |
| 39 General Condition | Y R |
| 40 Insulated Joints | Y R |

**Remarks on Page 3**

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

Mainline      Track # 2      Yard

Date:  9-25-14    Inspection Crew: Greenwood, Dennis, Nelson

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<th>Charles Center</th>
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<td>Switch I.D. #</td>
<td>CC - 3A</td>
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<tr>
<td>Facing</td>
<td>Trailing X</td>
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<tr>
<td>Frog Tread</td>
<td>N  Y R R  Y R</td>
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<td>Frog #</td>
<td></td>
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<tr>
<td>Frog Point Condition</td>
<td></td>
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<tr>
<td>Condition of Frog</td>
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<tr>
<td>Surface of Frog</td>
<td></td>
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<tr>
<td>Throat in Inches</td>
<td>3 1/2</td>
</tr>
<tr>
<td>Flangeeway Depth</td>
<td></td>
</tr>
</tbody>
</table>

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

**Gage**

51 Main Track 6 1/2

2 Turnout Track 6 1/2

Gage must not be less than 56" any Class

**Guard Rails**

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

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

54 Back to Back N 54 3/8 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

Turnout Ties

58 Condition  S Y R

59 Rail Movement  S Y R

**Tie Plates**

60 Lead  S Y R

61 Guard Rail Flangeeway  S Y R N 1 1/16 Guard Rail Flangeeway can be less than 1-1/2"

62 Guard Rail Plates  S Y R

63 Frog Plates  S Y R

**Bolts**

64 Loose  N/A

65 Missing  N/A

**Rivets (Huck)**

66 Loose  N/A

67 Missing  N/A

68 Nuts Missing  N/A

69 Cotter Pins Missing  N/A

70 Washers  OK Broken  Missing

71 Hold Down Devices  S Y R N/A

72 Spring Housing  S Y R N/A

73 Derails  S Y R N/A

74 Maximum difference in any 31' in Cross

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

Difference

75 Condition of Line thru entire turnout  S Y R

Remarks on page 3
3 hold downs missing on frog WO # 1653575

LH ST. stock rail chipped at standard joint WO # 16535760

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: 1647704

Classified: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1247411

Alias: CC1B

Location: 007WSSWCC11

Work Location:

# Work Type: PM

Status: APPR

Status Date: 09/25/14 05:42:37 AM

Reported By: MTACRON

Phone:

Reported Date: 09/22/14 03:03:35 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET

Serial: Operating

Address Information

Service Address:

Formatted Address:

Street Address:

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9/25/2014
Switch Inspection Report / Semi Annual

Mainline Track # 1 Yard WO# 1647704

Date: 9-25-14 Inspection Crew Greenwood, Dennis Nelson

1 Location Charles Center
2 Switch I.D. # CC - 1B
3 Facing X Trailing

Rail Points
4 Point to Point 3076
5 Point Condition S Y R
6 Point Throw, nothing less than 4 3/4 Inches N 5 7/8 R
7 Point Opening N 5 7/8 R
8 Fit S Y R
9 General Condition of the Points S Y R

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

12 Heel Spread in Inches
   a) Turnout 6 1/8
   a) Main 6 1/8

Stock Rail
13 Bend 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 D 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
JBWAVEM Mod. 09-15-08
Frog Inspection Report / Semi Annual

Date: 9-25-14  Inspection Crew: Greenwood, Dennis, Nelson

WO # 1647704

41 Location  Charles Center
42 Switch I.D. # CC - 1B
43 Facing  X  Trailing
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  3 7/8
50 Flangeway Depth  2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track  56 1/4
52 Turnout Track  56 1/4
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage  N  54 7/8  R  54 9/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back  N  58 1/8  R  58 3/4
Back to Back must be less than 53 1/8"
55 Condition  S  Y  R
56 Location of Guard Rail (Relation to Point)  S  Y  R

Guard Rail Clamps
57 Main Track  S  Y  R
58 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 be less than 1-1/2"
62 Guard Rail Plates  S  Y  R
63 Frog Plates  S  Y  R

Bolts
64 Loose  N/A
65 Missing  N/A

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

71 Hold Down Devices  S  Y  R
72 Spring Housing  S  Y  R
73 Derails  S  Y  R

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
Frog tread riser needs welded #1653563
3 hold downs loose 1 missing on frog #1653564

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)

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

Work Order: 1647890

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246677

Alias: CC1A

Location: 004W6WCC1

Work Location:

Work Type: PM

Status: APPR

Status Date: 06/25/14 08:40:32 AM

Reported By: MTACRON

Phone:

Reported Date: 09/22/14 03:03:27 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET

Fleet Assets

Status: OPERATING

Operating

Asset Condition:

Address Information

Service Address:

Formatted Address:

Street Address:

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9/25/2014
Mainline: Charles Center  
Track # 2: CC - 1A  
Yard:  
WO# 1647690  
Date: 9-25-14  
Inspection Crew: Greenwood, Dennis, Nelson

1 Location:  
2 Switch I.D. #:  
3 Facing: X  
4 Rail Points:  
Point to Point:  
5 Point Condition: Y R  
6 Point Throw, nothing less than 4 3/4 inches: N 4 3/8 R  
7 Point Opening: N 4 3/8 R  
8 Eit:  
9 General Condition of the Points: Y R  
10 Gage:  
11 Gage ahead of Bend:  
Must not be less than 66 inches or more than 57 inches for "S"  
12 Heel Spread in Inches:  
a) Turnout:  
13 Stock Rail:  
14 Condition: Y R  
Bolts:  
15 Loose: 0 N/A  
16 Missing: 0 N/A  
Rivets (Huck Bolts):  
17 Loose: 0 N/A  
18 Missing: 0 N/A  
19 Cotter Pins missing: 0 N/A  
20 Jam Nuts Loose: 0 N/A  
21 Washers:  
Switch Rods:  
22 Standard Joints: Y R N/A  
23 Switch Plates: Y R N/A  
24 Adjustable Braces: Y R N/A  
25 Non-Adjustable Braces: Y R N/A  
26 Front Rod:  
27 #1 Rod (Basket Rod):  
28 #2 Rod:  
29 #3 Rod:  
30 #4 Rod:  
31 Closure Rail: Y R N/A  
32 Surface of Switch: Y R N/A  
Using a 62' cord  
S= Up to 1" Max allowed Speed  
Y= 1" to 1 1/2" 40 MPH  
R= 1 1/2" to 1 3/4" 12 MPH  
Greater than 1 3/4" = Out of Service  
33 Head Block ties: Y R  
34 Switch Adjustments: Yes  
35 Lubrication:  
36 Switch Target / Lamps: OK Missing N/A  
37 Latches: OK Broken Missing  
38 Locks: OK Broken Missing  
39 General Condition: Y R  
40 Insulated Joints: Y R

Remarks on Page 3

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

Date: 9-25-14  Inspection Crew: Greenwood, Dennis Nelson

41 Location ________ Charles Center
42 Switch I.D. # ________ CC - 1A
43 Facing ________ X  Trailing
44 Frog Tread ________ N  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 1/2
      ! Turnout Track ________ 56 1/2
      Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage ________ N  54 3/8  R  54 3/4
      Guard Rail Gage must be less than 54 3/8"
54 Back to Back ________ N  52 1/8  R  52 1/4
      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
Frog point and throat chipped needs welding. WO# 1653587
5 hold downs on frog are loose. WO# 1653588

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: