Work Order Tracking (Tr)

Find Work Order Select Action

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

Work Order: 1660650 AREA #3(RA-PO) MOW MONTHLY MAINLINE SWITCH INS

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset:

Alias:

Location: OLDCOURTF/ Old Court Maintenance Facility

Work Location:

Work Type: PM

Status: CLOSE

Status Date: 11/06/14 03:25:20 PM

Reported By: MTACRON

Phone:

Reported Date: 10/02/14 03:03:41 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type:

Status:

Asset Condition:

Address Information

Service Address: City:

Formatted Address: State/Province:

Street Address:

MOW MONTHLY MANILINE SWITCH INSPECTION AREA #3 RA-PO

Track	Switch I.D.	Location	Inspection Date	Tie Condition	Switch Pnts L/R	Closure S/C	Frog	Stock Rail	Plates	Lags/Clips	Standard Joints	Insulated Joints	Welds	Ballast
RA TO OM		CM#	Date	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S
1	RA-3B	351+25	10/16/2014	Y	S	S	S	S	S	S	S	S	S	S
1	RA-1B	344+15	10/16/2014	Y	S	S	S	S	S	Y	S	S	S	S
1	RA-5A	348+55	10/16/2014	S	S	S	S	S	S	S	S	S	S	S
1	RA-7B	349+10	10/16/2014	S	S	S	S	S	S	S	S	S	S	S
2	RA-9A	348+10	10/16/2014	S	S	S	S	S	S	S	S	S	S	S
2	RA-3A	344+15	10/16/2014	Y	R	S	S	S	S	S	S	S	S	S
2	RA-1A	341+25	10/16/2014	Y	Y	Y	S	Y	S	S	Y	Y	S	S
1	PO-3B	229+10												
1	PO-1B	230+80												
2	PO-7B	332+46												
2	PO-3A	230+80												
2	PO-1A	229+10												
2	PO-5B	227+40												

COMMENTS: RA-3A Right hand straight switch point is gapped; Poor timber condition speed restriction of 20 MPH, out-of-surface.

RA-1A Front rod hanger is loose, poor timber condition speed restriction of 20 MPH, switch is out-of-surface.

RA-1B Poor timber condition; switch is out-of-surface.

WORK ORDER # 1660650

Inspectors A. Jefferson, A Rabette **Date** 10/16/2014 **Supervisor**

Work Order Tracking (Tr)

BMXAA4591I - Status change(s) completed successfull

Find Work Order Select Action

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

Work Order: 1654647 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246634 METRO MOW SWITCH RA9A CHAIN MARK = 348W+10

Alias: RA9A

Location: 348WSWRA9/ Chain Markers West, Reisterstown Plaza Interlock , METRO

Work Location:

* Work Type: PM

Status: APPR

Status Date: 09/30/14 02:28:03 PM

Reported By: MTACRON

Phone:

Reported Date: 09/29/14 03:02:55 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET Fleet Assets

Status: OPERATING Operating

Asset Condition:

Address Information

Service Address: City:

Formatted Address: State/Province:

Street Address:

Switch Inspection Report / Semi Annual

Mainline 2 **Yard** _____ **WO#** 1654647

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

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

Rail Points
4 Point to Point 50 3/4
5 Point Condition
(S) Y R
6 Point Throw, **nothing less than 4 3/4 inches**
N 5 1/2 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 56 7/8
a) Turnout 56 3/8
11 Gage ahead of Bend 56 1/2
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
a) Turnout 6 3/8
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 0 N/A
21 Washers (OK) Broken ____ Missing ____

Remarks on Page 3

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

Frog Inspection Report / Semi Annual

Mainline 2 **Yard** _____ **WO #** 1654647

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

41 Location _____ **Rogers Ave.**
42 Switch I.D. # ___ **RA-9A**
43 Facing X Trailing _____
44 Frog Tread N S Y R
R S Y R
45 Frog # 8
46 Frog Point Condition
S Y R
47 Condition of Frog
S Y R
48 Surface of Frog
S Y R

49 Throat in Inches 3 1/4
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
Main Track 56 1/2
Turnout Track 56 3/16
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 5/8 R 54 1/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 3/4 R 52 11/16
Back to Back must be less than 53 1/8"
54 Condition
S Y R
55 Location of Guard Rail (Relation to Point)
S Y R

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

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

Remarks on page 3

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

Tie Plates
60 Lead
S Y R
61 Gurad Rail Flangeway
S Y R N 1 13/16 R 1 3/4
Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates
S Y R
63 Frog Plates
S Y R

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

Rivets (Huck)
66 Loose 0 N/A
67 Missing 0 N/A
68 Nuts Missing _____ N/A
69 Cotter Pins Missing _____ N/A
70 Washers OK Broken _____ Missing _____

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

Date : 10-3-14 Mainline / Yard : ML - 2 Switch # RA-9A WO # 1654647

1. Out of Surface in the point area. WO# 1662344

2. Out of Surface in the frog area. WO# 1662352

3. Normal side of frog tread + throat needs welding WO# 1662359

4. Frog point needs welding. WO# 1662359

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by:

Work Order Tracking (Tr)

BMXAA4591I - Status change(s) completed successfully

Find Work Order Select Action

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

Work Order: 1664175 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246800 METRO MOW SWITCH RP17 CHAIN MARK = 374W+15

Alias: RP17

Location: 374WSWRP17 Chain Markers West, Reisterstown Plaza Interlock , METRO

Work Location:

Work Type: PM

Status: APPR

Status Date: 10/07/14 02:30:13 PM

Reported By: MTACRON

Phone:

Reported Date: 10/06/14 03:02:30 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET Fleet Assets

Status: OPERATING Operating

Asset Condition:

Address Information

Service Address: City:

Formatted Address: State/Province:

Street Address:

Switch Inspection Report / Semi Annual

Mainline 2 **Yard** _____ **WO#** 1664175

Date: 10-14-14 **Inspection Crew** Greenwood, Jefferson, Rabette, Nelson

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

Rail Points
4 Point to Point 51 3/8
5 Point Condition
S Y R LH CV chipped
6 Point Throw, **nothing less than 4 3/4 inches**
N 5 1/2 R _____
7 Point Opening
N 5 3/8 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 3/8
11 Gage ahead of Bend 59"
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 3/8

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 _____ N/A
19 Cotter Pins missing 0 N/A
20 Jam Nuts Loose 0 N/A
21 Washers OK Broken _____ Missing _____

Remarks on Page 3

JBW/WEM Mod. 09-15-08

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

Switch Rods
26 Front Rod
S Y R N/A
27 #1 Rod (Basket Rod)
S Y R N/A
28 #2 Rod
S Y R N/A
29 #3 Rod
S Y R N/A
30 #4 Rod
S Y R N/A
31 Closure Rail
S Y R N/A
32 Surface of Switch
S Y R N/A
Using a 62' cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service
33 Head Block ties
S Y R
34 Switch Adjustments
Yes No
35 Lubrication
OK Dry
36 Switch Target / Lamps
OK Missing _____ N/A
37 Latches
OK Broken ___ Missing ___
38 Locks
OK Broken ___ Missing ___
39 General Condition
S Y R
40 Insulated Joints
S Y R

Frog Inspection Report / Semi Annual

Mainline 2 **Yard** _____ **WO #** 1664175

Date: 10-14-14 **Inspection Crew:** Greenwood, Jefferson, Babette, Nelson

41 Location Reisterstown Plaza
42 Switch I.D. # RP - 17
43 Facing _____ Trailing X
44 Frog Tread N S Y R
R S Y R
45 Frog # 8
46 Frog Point Condition
S Y R weld
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
Main Track 56 1/2
Turnout Track 56 3/4
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 1/2 R 54 7/8
Guard Rail Gage nust be less than 54 3/8"
54 Back to Back N 52 7/8 R 52 3/4
Back to Back must be less than 53 1/8"
54 Condition
S Y R
55 Location of Guard Rail (Relation to Point)
S Y R

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

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

Remarks on page 3

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

Tie Plates
60 Lead
S Y R
61 Guard Rail Flangeway
S Y R N 2 R 1 7/8
Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates
S Y R
63 Frog Plates
S Y R

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

Rivets (Huck)
66 Loose 0 N/A
67 Missing _____ 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 3 loose
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

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

1. Left hand curved switch point is chipped 14" in length. WO# 1014988
2. Left hand straight stock rail, left hand curved switch point and curved closure rail has side wear. WO# 1014988
3. 2 Concrete Tie blocks N/S rails ahead of switch points are broken loose from aerial floor. WO# 1596827
4. Frog point needs to be welded. WO# 1673561
5. 3 missing pandrols in-a-row on frog also holddowns. WO# 1673581
6. 4 Concrete Tie blocks N/S rails are broken loose from the aerial floor at the toe of the frog. WO# 1101987

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by:

Work Order Tracking (Tr)

BMXAA4591I - Status change(s) completed successfull

Find Work Order Select Action

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

Work Order: 1664187 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246466 METRO MOW SWITCH RP19B CHAIN MARK = 376W+60

Alias: RP19B

Location: 376WSWRP19 Chain Markers West, Reisterstown Plaza Interlock , CHAIN M

Work Location:

* Work Type: PM

Status: APPR

Status Date: 10/07/14 02:52:38 PM

Reported By: MTACRON

Phone:

Reported Date: 10/06/14 03:02:41 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET Fleet Assets

Status: OPERATING Operating

Asset Condition:

Address Information

Service Address: City:

Formatted Address: State/Province:

Street Address:

Switch Inspection Report / Semi Annual

Mainline 1 **Yard** _____ **WO#** 1664187

Date: 10-14-14 **Inspection Crew** Greenwood, Jefferson, Rabette, Nelson

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

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

Gage
10 Heel of Switch
a) Main 56 11/16
a) Turnout 56 9/16
11 Gage ahead of Bend 51 7/16
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 0 N/A
21 Washers OK Broken ____ Missing ____

Remarks on Page 3

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

Frog Inspection Report / Semi Annual

Mainline 1 **Yard** _____ **WO #** 1664187

Date: 10-14-14 **Inspection Crew:** Greenwood, Jefferson, Rabette, Nelson

41 Location Reisterstown Plaza
42 Switch I.D. # RP-19B
43 Facing X Trailing _____
44 Frog Tread N (S) Y R
R (S) Y R
45 Frog # 8
46 Frog Point Condition
(S) Y R
47 Condition of Frog
(S) Y R
48 Surface of Frog
(S) Y R

49 Throat in Inches 3 3/8
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 3/8
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 11/16 R 54 5/8
Guard Rail Gage nust be less than 54 3/8"
54 Back to Back N 53 R 53 1/8
Back to Back must be less than 53 1/8"
54 Condition
(S) Y R
55 Location of Guard Rail (Relation to Point)
(S) Y R

Guard Rail Clamps
56 Main Track
(S) Y R
57 Turnout Track
(S) Y R

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

Remarks on page 3

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

Tie Plates
60 Lead
S (Y) R
61 Guard Rail Flangeway
S Y R N 15/16 R 1 3/4
Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates
(S) Y R
63 Frog Plates
S Y (R)

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

Rivets (Huck)
66 Loose _____ (N/A)
67 Missing _____ (N/A)
68 Nuts Missing 0 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

Date : 10-14-14 Mainline / Yard : ML - 1 Switch # RP-19B WO # 1664187

1. 1st Concrete pads N/S rails ahead of switch points are broken loose from aerial floor. WO# 1604720
2. One LB Foster Plate under frog is broken in half. WO# 1605481
3. 7 bolts holding LB Foster Plates to concrete pads are broken off under frog. WO# 1674199

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by:

Work Order Tracking (Tr)

Find Work Order Select Action

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

Work Order: 1664183 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

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

Alias: RP21

Location: 374WSWRP2' Chain Markers West, Reisterstown Plaza Interlock , METRO

Work Location:

Work Type: PM

Status: APPR

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

Reported By: MTACRON

Phone:

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

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET Fleet Assets

Status: OPERATING Operating

Asset Condition:

Address Information

Service Address: City:

Formatted Address: State/Province:

Street Address:

Switch Inspection Report / Semi Annual

Mainline 1 **Yard** _____ **WO#** 1664183

Date: 10-14-14 **Inspection Crew** Greenwood, Jefferson, Rabette, Nelson

1 Location **Reisterstown Plaza**
2 Switch I.D. # **RP - 21**
3 Facing X Trailing _____

Rail Points
4 Point to Point 51 1/8
5 Point Condition
S (Y) R LH CV
6 Point Throw, **nothing less than 4 3/4 inches**
N 5 1/2 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 56 3/4
a) Turnout 56 13/16
11 Gage ahead of Bend 56 5/8
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
a) Turnout 6
a) Main 6 3/8

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 _____ Missing _____

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

Switch Rods
26 Front Rod
(S) Y R N/A
27 #1 Rod (Basket Rod)
(S) Y R N/A
28 #2 Rod
(S) Y R N/A
29 #3 Rod
(S) Y R N/A
30 #4 Rod
S Y R (N/A)
31 Closure Rail
S (Y) R N/A
32 Surface of Switch
(S) Y R N/A
Using a 62' cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service
33 Head Block ties
(S) Y R
34 Switch Adjustments
Yes (No)
35 Lubrication
(OK) Dry
36 Switch Target / Lamps
OK Missing _____ (N/A)
37 Latches
(OK) Broken ___ Missing ___
38 Locks
(OK) Broken ___ Missing ___
39 General Condition
(S) Y R
40 Insulated Joints
S (Y) R

Remarks on Page 3

JBW/WEM Mod. 09-15-08

Frog Inspection Report / Semi Annual

Mainline 1 **Yard** _____ **WO #** 1664183

Date: 10-14-14 **Inspection Crew:** Greenwood, Jefferson, Rabette, Nelson

41 Location Reisterstown Plaza
42 Switch I.D. # RP - 21
43 Facing X Trailing _____
44 Frog Tread N S Y R
R S Y R
45 Frog # 8
46 Frog Point Condition
S Y R
47 Condition of Frog
S Y R
48 Surface of Frog
S Y R

49 Throat in Inches 3 3/8
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
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 3/4 R 54 5/8
Guard Rail Gage nust be less than 54 3/8"
54 Back to Back N 53 R 52 3/4
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

Turnout Ties
58 Condition
S Y R
59 Rail Movement
S Y R
Tie Plates
60 Lead
S Y R
61 Guard Rail Flangeway
S Y R N 1 13/16 R 1 15/16
Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates
S Y R
63 Frog Plates
S Y R

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

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

71 Hold Down Devices
S Y R N/A 6 missing
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

Date : 10-14-14 **Mainline / Yard :** ML - 1 **Switch #** RP - 21 **WO #** 1664183

1. Left hand curved switch Point, Left hand straight stock Rail and curved closore rail has side wear. WO# 986261
2. One adjustable brace on the North rail inside the gage First plate ahead of Switch Point is loose. WO# 1674614
3. 4 Concrete pad ties under Toe of frog are broken loose from aerial floor. WO# 1674617
4. 6 hold down devices are missing on the frog. WO# 1674620

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by:

Work Order Tracking (Tr)

Find Work Order Select Action

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

Work Order: 1654859 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246586 METRO MOW SWITCH RA7B CHAIN MARK = 349W+10

Alias: RA7B

Location: 349WSWRA7E Chain Markers West, Reisterstown Plaza Interlock , METRO

Work Location:

* Work Type: PM

Status: APPR

Status Date: 09/30/14 02:30:07 PM

Reported By: MTACRON

Phone:

Reported Date: 09/29/14 03:03:08 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET Fleet Assets

Status: OPERATING Operating

Asset Condition:

Address Information

Service Address: City:

Formatted Address: State/Province:

Street Address:

Switch Inspection Report / Semi Annual

Mainline 1 **Yard** _____ **WO#** **1654659**

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

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

Rail Points
4 Point to Point 51 1/4
5 Point Condition
(S) Y R
6 Point Throw, **nothing less than 4 3/4 inches**
N 5 1/8 R _____
7 Point Opening
N 4 7/8 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"
11 Gage ahead of Bend 56 9/16
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 1/16

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____

Remarks on Page 3

JBW/WEM Mod. 09-15-08

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

Switch Rods
26 Front Rod
(S) Y R N/A
27 #1 Rod (Basket Rod)
(S) Y R N/A
28 #2 Rod
(S) Y R N/A
29 #3 Rod
(S) Y R N/A
30 #4 Rod
(S) Y R N/A
31 Closure Rail
(S) Y R N/A
32 Surface of Switch
(S) Y R N/A
Using a 62' cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service
33 Head Block ties
(S) Y R
34 Switch Adjustments
Yes (No)
35 Lubrication
(OK) Dry
36 Switch Target / Lamps
OK Missing____ (N/A)
37 Latches
(OK) Broken___ Missing___
38 Locks
(OK) Broken___ Missing___
39 General Condition
(S) Y R
40 Insulated Joints
(S) Y R

Frog Inspection Report / Semi Annual

Mainline 1 **Yard** _____ **WO #** 1654659

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

41 Location **Rogers Ave.**
42 Switch I.D. # **RA-7B**
43 Facing _____ Trailing X
44 Frog Tread N (S) Y R
R (S) Y R
45 Frog # 8
46 Frog Point Condition
(S) Y R
47 Condition of Frog
(S) Y R
48 Surface of Frog
(S) Y R

49 Throat in Inches 3/4
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
Main Track 56 9/16
52 Turnout Track 56 9/16
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 3/4 R 54 5/8
Guard Rail Gage nust be less than 54 3/8"
54 Back to Back N 52 5/8 R 52 13/16
Back to Back must be less than 53 1/8"
54 Condition
(S) Y R
55 Location of Guard Rail (Relation to Point)
(S) Y R

Guard Rail Clamps
56 Main Track
(S) Y R
57 Turnout Track
(S) Y R

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

Remarks on page 3

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

Tie Plates
60 Lead
(S) Y R
61 Gurad Rail Flangeway
(S) Y R N 1 3/4 R 1 3/4
Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates
(S) Y R
63 Frog Plates
(S) Y R

Bolts
64 Loose _____ (N/A)
65 Missing _____ (N/A)

Rivets (Huck)
66 Loose 0 N/A
67 Missing 0 N/A
68 Nuts Missing _____ (N/A)
69 Cotter Pins Missing _____ (N/A)
70 Washers (OK) Broken____ Missing____

71 Hold Down Devices
(S) Y R N/A
72 Spring Housing
S Y R (N/A)
73 Derails
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

Date : 10-3-14 **Mainline / Yard :** ML - 1 **Switch #** RA-7B **WO #** 1654659

No Defects found

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by:

Work Order Tracking (Tr)

Find Work Order Select Action

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

Work Order: 1654655 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246244 METRO MOW SWITCH RA5 CHAIN MARK = 349W+10

Alias: RA5A

Location: 349WSWRA5I Chain Markers West, Reisterstown Plaza Interlock , METRO

Work Location:

* Work Type: PM

Status: APPR

Status Date: 09/30/14 02:29:31 PM

Reported By: MTACRON

Phone:

Reported Date: 09/29/14 03:03:06 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET Fleet Assets

Status: OPERATING Operating

Asset Condition:

Address Information

Service Address: City:

Formatted Address: State/Province:

Street Address:

Switch Inspection Report / Semi Annual

Mainline 1 **Yard** _____ **WO#** **1654655**

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

1 Location **Rogers Ave.**
2 Switch I.D. # **RA-5A**
3 Facing _____ Trailing **X**

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

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

Remarks on Page 3

JBW/WEM Mod. 09-15-08

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

Switch Rods
26 Front Rod
(S) Y R N/A
27 #1 Rod (Basket Rod)
(S) Y R N/A
28 #2 Rod
(S) Y R N/A
29 #3 Rod
(S) Y R N/A
30 #4 Rod
S Y R (N/A)
31 Closure Rail
(S) Y R N/A
32 Surface of Switch
(S) Y R N/A
Using a 62' cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service
33 Head Block ties
(S) Y R
34 Switch Adjustments
Yes (No)
35 Lubrication
(OK) Dry
36 Switch Target / Lamps
OK Missing____ (N/A)
37 Latches
(OK) Broken___ Missing___
38 Locks
(OK) Broken___ Missing___
39 General Condition
(S) Y R
40 Insulated Joints
(S) Y R

Frog Inspection Report / Semi Annual

Mainline 1 **Yard** _____ **WO #** **1654655**

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

41 Location **Rogers Ave.**
42 Switch I.D. # **RA-5A**
43 Facing _____ Trailing **X**
44 Frog Tread N (S) Y R
R (S) Y R
45 Frog # 9
46 Frog Point Condition
(S) Y R
47 Condition of Frog
(S) Y R
48 Surface of Frog
(S) Y R

49 Throat in Inches 3/4
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
53 Guard Rail Gage N 54 3/4 R 54 1/2
Guard Rail Gage nust be less than 54 3/8"
54 Back to Back N 52 7/8 R 52 3/8
Back to Back must be less than 53 1/8"
54 Condition
(S) Y R
55 Location of Guard Rail (Relation to Point)
(S) Y R

Guard Rail Clamps
56 Main Track
(S) Y R
57 Turnout Track
(S) Y R

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

Remarks on page 3

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

Tie Plates
60 Lead
(S) Y R
61 Gurad Rail Flangeway
(S) Y R N 1 3/4 R 1 7/8
Guard Rail Flangeway can be less than 1-1/2"
62 Guard Rail Plates
(S) Y R
63 Frog Plates
(S) Y R

Bolts
64 Loose _____ (N/A)
65 Missing _____ (N/A)

Rivets (Huck)
66 Loose 0 N/A
67 Missing 0 N/A
68 Nuts Missing _____ (N/A)
69 Cotter Pins Missing _____ (N/A)
70 Washers (OK) Broken _____ Missing _____

71 Hold Down Devices
(S) Y R N/A
72 Spring Housing
S Y R (N/A)
73 Derails
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

Date : 10-3-14 **Mainline / Yard :** **ML - 1** **Switch #** **RA-5A** **WO #** **1654655**

No Defects found

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by:

MOW MONTHLY MANILINE SWITCH INSPECTION AREA #3 RA-PO

Track	Switch I.D.	Location	Inspection Date	Tie Condition	Switch Pnts L/R	Closure S/C	Frog	Stock Rail	Plates	Lags/Clips	Standard Joints	Insulated Joints	Welds	Ballast
RA TO OM		CM#	Date	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S	R/Y/S
1	RA-3B	351+25												
1	RA-1B	344+15												
1	RA-5A	348+55												
1	RA-7B	349+10												
2	RA-9A	348+10												
2	RA-3A	344+15												
2	RA-1A	341+25												
1	PO-3B	229+10	11-01-14	S	Y	Y	S	S	S	S	S	S	S	S
1	PO-1B	230+80	11-01-14	S	Y	Y	S	S	S	S	Y	S	S	S
2	PO-7B	332+46	11-01-14	S	Y	S	S	S	Y	S	Y	S	S	S
2	PO-3A	230+80	11-01-14	S	Y	Y	S	S	S	Y	Y	S	S	S
2	PO-1A	229+10	11-01-14	S	Y	Y	Y	S	S	S	S	S	S	S
2	PO-5B	227+40	11-01-14	S	Y	Y	S	S	S	S	S	S	S	S

COMMENTS: PO-3B, LH. str. stockrail + RH. str. sw. Pt. + str. closure rail has wheel burns.
PO-1B, RH. Str. stockrail has wheel burns, Str. closure rail battered at HB. IJ's battered ahead of sw. Pts.
PO-7B, RH. Str. stock rail has wheel burns, RH. Str. sw. Pt. is battered at the Point, Rail hold downs loose on frog.
PO-3A, Both stock rails + RH. str. sw. Pt. & str. closure rail has wheel burns. Joints ahead of Pts. are battered.
PO-1A Both stock rails & LH. str. sw. Pt. have wheel burns, Str. closure rail battered at heel block.

WORK ORDER # 1660650 PO-5B, RH. Str. stock rail + LH str. sw. Pt. + str. closure rail has wheel burns, frog riser is battered.

Inspectors Nelson, Greenwood, Jefferson Date 11-01-14 Supervisor