Work Order Tracking (Tr)

Bulletins (1) Go T

Find Work Order Select Action

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

Work Order: 2010129 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1243445 MOW Switch

Alias: OM1A

Location: 682W Chain Markers West, Owings Mills Interlock, 682W

Work Location:

* Work Type: PM

Status: APPR

Status Date: 07/24/15 05:50:01 PM

Reported By: MTACRON

Phone:

Reported Date: 07/20/15 04:13:28 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 **2** **Yard** _____ **WO #** **2010129**

Date: 7/25/2015 **Inspection Crew** M Alchin A Jefferson J Chase

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

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 N/A R 4 3/4
7 Point Opening
N N/A R 5 1/8
8 Fit
(S) Y R
9 General Condition of the Points
(S) Y R

Gage
10 Heel of Switch
a) Main 56 1/4
a) Turnout 56 7/16
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 1/4
a) Main 6 1/2

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

Bolts
15 Loose ✓ N/A
16 Missing ✓ N/A

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

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 **2** **Yard** _____ **WO #** **2010129**

Date: 7/25/2015 **Inspection Crew:** M Alchin A Jefferson J Chase

1 Location OM
2 Switch I.D. # 1A
3 Facing X Trailing _____
44 Frog Tread N S Y R
R S Y R
45 Frog # 15
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 1 7/8
50 Flangeway Depth 2 3/4
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 7/16
52 Turnout Track 56 5/8
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 1/2 R 55 5/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 53 9/16 R 54 1/16
Back to Back must be less than 53 1/8"
54 Condition
S Y R
55 Location of Guard Rail (Relation to Point)
S Y R
Guard Rail Clamps
56 Main Track
S Y R
57 Turnout Track
S Y R

Class 1 Gage 56" to 57 1/2"
More than 57 1/2" Out of Service
Class 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 15/16 R 2
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 Difference_____

75 Condition of Line thru entire turnout
S Y R

Remarks

Switch OM 1A **WO #** **2010129** **Date** 7/25/2015

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:

2

Work Order Tracking (Tr) Bulletins: (1) Go T

Find Work Order Select Action

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

Work Order: 2010133 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1243446 MOW Switch

Alias: OM1B

Location: 682W Chain Markers West, Owings Mills Interlock, 682W

Work Location:

Work Type: PM

Status: APPR

Status Date: 07/24/15 05:50:30 PM

Reported By: MTACRON

Phone:

Reported Date: 07/20/15 04:13:31 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET Fleet Assets

Status: OPERATING Operating

Asset Condition:

Address Information

Service Address: City:

Formatted Address: State/Province:

Street Address:

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 2010133

Date: 7/25/2015 **Inspection Crew** M Alchin A Jefferson J Chase

1 Location OM
2 Switch I.D. # 1B
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 N/A R 4 13/16
7 Point Opening
N N/A R 5 1/8
8 Fit
S Y R
9 General Condition of the Points
S Y R

Gage
10 Heel of Switch
a) Main 56 7/16
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 1/4
a) Main 6 1/4

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____

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 2 **Yard** _____ **WO #** 2010133

Date: 7/25/2015 **Inspection Crew:** M Alchin A Jefferson J Chase

1 Location OM
2 Switch I.D. # 1B
3 Facing _____ Trailing X
44 Frog Tread N S Y R
R S Y R
45 Frog # 15
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
50 Flangeway Depth 3 3/4
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 11/16
52 Turnout Track 56 11/16
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 3/4 R 54 3/4
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 13/16 R 53 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 Gurad Rail Flangeway
S Y R N 1 7/8 R 1 15/16
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 Difference_____

75 Condition of Line thru entire turnout
S Y R

Remarks

Switch OM 1B **WO #** **2010133** **Date** 7/25/2015

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:

4

Work Order Tracking (Tr)

Bulletins: (1) Go To

Find Work Order Select Action

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

Work Order: 2010169 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1243448 MOW Switch

Alias: OM3B

Location: 666W Chain Markers West, OMTT Interlock , 666W

Work Location:

Work Type: PM

Status: APPR

Status Date: 07/24/15 05:54:10 PM

Reported By: MTACRON

Phone:

Reported Date: 07/20/15 04:14:04 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 2 **Yard** _____ **WO #** 2010169

Date: 7/25/2015 **Inspection Crew** M Alchin A Jefferson J Chase

1 Location OM
2 Switch I.D. # 3B
3 Facing X Trailing _____

Rail Points

4 Point to Point 52
5 Point Condition
S Y R
6 Point Throw, **nothing less than 4 3/4 inches**
N n/a R 4 5/16
7 Point Opening
N n/a 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 56 3/8
a) Turnout 56 1/8
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 5/8
a) Main 6 3/8

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____ 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 2 **Yard** _____ **WO #** 2010169

Date: 7/25/2015 **Inspection Crew:** M Alchin A Jefferson J Chase

1 Location OM
2 Switch I.D. # 3B
3 Facing X Trailing _____
44 Frog Tread N S Y R
R S Y R
45 Frog # 15
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 1 7/8
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 3/4
52 Turnout Track 56 1/16
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 3/4 R 54 1/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 13/16 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
61Gurad Rail Flangeway
S Y R N 1 7/8 R 2
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 Difference _____

75 Condition of Line thru entire turnout
S Y R

Remarks

Switch OM 3B **WO #** **2010169** **Date** 7/25/2015

FROG
FROG ULINS RISER WORN

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by:

3

Work Order Tracking (Tr)

Bulletins (1) Go T

Find Work Order Select Action

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

Work Order: 2010141 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1243447 MOW Switch

Alias: OM3A

Location: 686W Chain Markers West, OMTT Interlock , 686W

Work Location:

* Work Type: PM

Status: APPR

Status Date: 07/24/15 05:52:56 PM

Reported By: MTACRON

Phone:

Reported Date: 07/20/15 04:13:46 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 **2** **Yard** _____ **WO #** **2010141**

Date: 7/25/2015 **Inspection Crew** M Alchin A Jefferson J Chase

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

Rail Points
4 Point to Point 5' 13/16
5 Point Condition
S Y R
6 Point Throw, **nothing less than 4 3/4 inches**
N N/A R 4 1/2
7 Point Opening
N N/A R 4 1/2
8 Fit
S Y R
9 General Condition of the Points
S Y R

Gage
10 Heel of Switch
a) Main 56 3/8
a) Turnout 56 5/16
11 Gage ahead of Bend 56 7/16
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 3/8

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 ✓ 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 **2** **Yard** _____ **WO #** **2010141**

Date: 7/25/2015 **Inspection Crew:** M Alchin A Jefferson J Chase

1 Location OM
2 Switch I.D. # 3A
3 Facing _____ Trailing X
44 Frog Tread N S Y R
R S Y R
45 Frog # 15
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 1 7/8
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 5/4
52 Turnout Track 56 3/4
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 1/16 R 54 3/4
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 53 5/8 R 53 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 Gurad Rail Flangeway
S Y R N 1 7/8 R 2
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 Difference_____

75 Condition of Line thru entire turnout
S Y R

Remarks

Switch OM 3A **WO #** **2010141** **Date** 7/25/2015

Switch
BRACE PLATES missing (1)

FROG
FROG Point Battered and mushroom

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:

Find Work Order Select Action

List | Work Order | Plans | Actuals | Activities | Measurements | Axle Configuration | Related Records | Safety Plan | Log | Failure Reporting | Specifications | Service Address | Map

Work Order: 2020586 METRO MOW SEMI-ANNUAL SWITCH INSPECTION
Classification: MTA \ METRO
Classification Description: MTA - METRO
Asset: 1246807 METRO MOW SWITCH MM1A CHAIN MARK = 439W+35
Alias: MM1A
Location: 439WSWMM1. Chain Markers West, Milford Mill Interlock , METRO MOW S\
Work Location:
Work Type: PM
Status: INPRG
Status Date: 07/31/15 07:17:42 AM
Reported By: MTACRON
Phone:
Reported Date: 07/27/15 04:15:55 AM
On Behalf Of:
Consist:

Attachments
Site: METRO
Failure Class:
Problem Code:
Priority: 1
Asset/Location Priority:
Is Task?
Parent WO:
Warranty Situation Present: N
Maintenance Alert?
Repair Order?
Has Follow-up Work?
Quick PM?

Asset Details

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

Costs

Total Planned Cost: 165.78
Total Actual Cost: 0.00
Repair Limit Amount:
Current Asset Value: 0.00
GL Account: J05-#####-047
Accepts Charges?
Charge to Store?

Address Information

Service Address:
Formatted Address:
Street Address:
City:
State/Province:

Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard _____ WO # 2020586

Date: 7/31/2015 Inspection Crew A Jefferson N George J Williams

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

Rail Points

4 Point to Point 52 1/2
5 Point Condition
S Y R
6 Point Throw, **nothing less than 4 3/4 inches**
N N/A R 3 3/4
7 Point Opening
N N/A R 3 5/8
8 Fit
S Y R
9 General Condition of the Points
S Y R

Gage

10 Heel of Switch
a) Main 56 5/8
a) Turnout 56 1/2
11 Gage ahead of Bend 56 3/8
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
a) Turnout 6 1/8
a) Main 6 1/4

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____

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 2 Yard _____ WO # 2020586

Date: 7/31/2015 Inspection Crew: A Jefferson N George J Williams

1 Location MM
2 Switch I.D. # 1A
3 Facing X Trailing _____
44 Frog Tread N S Y R
R S Y R
45 Frog # 8
46 Frog Point Condition
S Y R
47 Condition of Frog
S Y R
48 Surface of Frog
S Y R

49 Throat in Inches 3 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 5/8 R 54 1/2
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 53 5/8 R 53 1/2
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 7/8 R 2
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 Difference_____

75 Condition of Line thru entire turnout
S Y R

Remarks

Switch MM 1A **WO #** 2020586 **Date** 7/31/2015

Switch 1-A
DETERIORATING TIES
LOOSE BRACE PLATES (1)
SWITCH OUT OF SURFACE

FROG # 6

FROG POINT CHIPPED AND PITTED AND WING RISER
FROG OUT OF SURFACE

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by:

Find Work Order Select Action

List | Work Order | Plans | Actuals | Activities | Measurements | Axle Configuration | Related Records | Safety Plan | Log | Failure Reporting | Specifications | Service Address | Map

Work Order: 2020590 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246808 METRO MOW SWITCH MM3 CHAIN MARK = 439W+35

Alias: MM3

Location: 439WSWMM3 Chain Markers West, Milford Mill Interlock , METRO MOW S\

Work Location:

* Work Type: PM

Status: INPRG

Status Date: 07/31/15 07:17:54 AM

Reported By: VTACRON

Phone:

Reported Date: 07/27/15 04:15:59 AM

On Behalf Of:

Consist:

Attachments

Site: METRO

Failure Class:

Problem Code:

Priority: 1

Asset/Location Priority:

Is Task?

Parent WO:

Warranty Situation Present: N

Maintenance Alert?

Repair Order?

Has Follow-up Work?

Quick PM?

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET Fleet Assets

Status: OPERATING Operating

Asset Condition:

Costs

Total Planned Cost: 165.78

Total Actual Cost: 0.00

Repair Limit Amount:

Current Asset Value: 0.00

GL Account: J05-#####-047

Accepts Charges?

Charge to Store?

Address Information

Service Address:

Formatted Address:

Street Address:

City:

State/Province:

Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard _____ WO # 2020590

Date: 7/31/2015 Inspection Crew A Jefferson N George J Williams

1 Location MM
2 Switch I.D. # 3
3 Facing _____ Trailing X

Rail Points

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

Gage

10 Heel of Switch
a) Main 56 3/8
a) Turnout 56 3/8
11 Gage ahead of Bend 56 3/8
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 3/8

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____ 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 2 Yard _____ WO # 2020590

Date: 7/31/2015 Inspection Crew: A Jefferson N George J Williams

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

Gage
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2 Turnout Track 56 1/4
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Guard Rails
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Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 7/8 R 52 1/2
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
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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
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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 Difference_____

75 Condition of Line thru entire turnout
S Y R

Remarks

Switch MM 3 **WO #** 2020590 **Date** 7/31/2015

switch 3
DETERIORATING TIES
OUT OF SURFACE
OUT OF LINE

FROG # 8 3
DETERIORATING TIES
OUT OF SURFACE
OUT OF LINE

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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: