

Find: Select Action

List	Work Order	Plans	Actuals	Related Records	Safety Plan	Log	Failure Reporting	Specifications
Work Order	1347615		METRO MOW SEMI-ANNUAL SWITCH INST				Attachments	Site: METRO
Classification	MTA \ METRO						Failure Class	
Classification Description	MTA - METRO						Problem Code	
Asset	1246368		METRO MOW SWITCH OC1A CHAIN MARK				Priority	1
Alias	OC1A						Asset/Location Priority	
Location	525WSWOC1A		Chain Markers West, Old Court Interlock, ME				Is Task?	<input type="checkbox"/>
Work Location							Parent WO	
Work Type	PM						Warranty Situation Present?	N
Status	INPRG						Maintenance Alert?	<input type="checkbox"/>
Status Date	01/08/14 08:00:53 AM						Repair Order?	<input type="checkbox"/>
Reported By	MTACRON						Has Follow-up Work?	<input type="checkbox"/>
Phone							Quick PM?	<input type="checkbox"/>
Reported Date	01/08/14 03:30:37 AM							
On Behalf Of								

Asset Details	Costs
Year	Total Planned Cost: 0.00
Manufacturer	Total Actual Cost: 0.00
Model	Repair Limit Amount
Serial #	Current Asset Value: 0.00
Type: FLEET	GL Account: J05-####-047
Status: OPERATING	Accepts Charges? <input checked="" type="checkbox"/>
Asset Condition	Charge to Store? <input type="checkbox"/>

Multiple Assets, Locations and Cls Filter

Work Details	Scheduling Information
Job Plan: 2666	Scheduled Start
PM: 50067	Target Start: 01/12/14 12:00:00 AM
Component: METRO MOW SEMI-ANNUAL SWITCH INST	Actual Start: 01/08/14 08:00:53 AM
Position	Scheduled Finish
Reason for Repair	Target Finish: 01/12/14 04:00:00 AM
Work Accomplished	Actual Finish
Part Failure	Time Remaining
Warranty? N	Duration: 4:00
Reference ID	Interruptible? <input type="checkbox"/>
Telematics Code	Predecessors
Telematics Transaction	

Primary Meter	Life To Date
New Reading	Last Reading
New Reading Date	Last Reading Date
Meter	Primary Reading Entered? <input type="checkbox"/>
	Life To Date

Responsibility	Service Group
Supervisor	Work Group: MTA472
Lead: GHALL3	Vendor
Crew: DAY	Service

Mainline 1 2 Yard _____

WO # 1347615

Date: 1/8/2014 Inspection Crew R Dennis S Sell A Perkins

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

Rail Points

4 Point to Point 51 3/8
5 Point Condition (S) Y R
6 Point Throw, **nothing less than 4 3/4 inches**

N 4 5/8 R _____

7 Point Opening
N 4 3/4 R _____

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

Gage

10 Heel of Switch
a) Main 56 1/4
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 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

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

Mainline 1 2 Yard _____

WO # 1347615

Date: 1/8/2014 Inspection Crew: R Dennis S Sell A Perkins

1 Location OC
 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 2 1/4
 50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
 53 Guard Rail Gage N 54 7/16 R 54 9/16
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"

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 2 1/8 R 2
Guard Rial Flangeway can not be less 1 1/2"
 62 Guard Rail Plates (S) Y R N/A
 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 (S) Y R 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

Switch OC 1A **WO #** 1347615 **Remarks** **Date** 1/8/2014

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: Select Action

List Work Order Plans Actuals Related Records Safety Plan Log Failure Reporting Specifications

Work Order	<input type="text" value="1347619"/>	METRO MOW SEMI-ANNUAL SWITCH INSI	Attachments	<input type="text" value="METRO"/>
Classification	MTA \ METRO		Site	
Classification Description	MTA - METRO		Failure Class	
Asset	<input type="text" value="1246201"/>	METRO MOW SWITCH OC1B CHAIN MARK	Problem Code	
Alias	<input type="text" value="OC1B"/>		Priority	
Location	<input type="text" value="525WSWOC1E"/>	Chain Markers West, Old Court Interlock, ME	Asset/Location Priority	
Work Location			Is Task?	
Work Type	PM		Parent WO	
Status	INPRG		Warranty Situation Present?	N
Status Date	<input type="text" value="01/08/14 08:00:53 AM"/>		Maintenance Alert?	
Reported By	<input type="text" value="MTACRON"/>		Repair Order?	
Phone			Has Follow-up Work?	
Reported Date	<input type="text" value="01/06/14 03:30:42 AM"/>		Quick PM?	
On Behalf Of				

Asset Details

Costs

Year		Total Planned Cost	<input type="text" value="0.00"/>
Manufacturer	<input type="text"/>	Total Actual Cost	<input type="text" value="0.00"/>
Model		Repair Limit Amount	
Serial #		Current Asset Value	0.00
Type	<input type="text" value="FLEET"/>	GL Account	J05-#####-047
Status	<input type="text" value="OPERATING"/>	Accepts Charges?	<input checked="" type="checkbox"/>
Asset Condition	<input type="text" value="Operating"/>	Charge to Store?	

Multiple Assets, Locations and CIs Filter >

Work Details

Scheduling Information

Job Plan	2666	METRO MOW SEMI-ANNUAL SWITCH INSI	Scheduled Start	
PM	50068	METRO MOW SEMI-ANNUAL SWITCH INSI	Target Start	<input type="text" value="01/12/14 12:00:00 AM"/>
Component			Actual Start	<input type="text" value="01/08/14 08:00:53 AM"/>
Position			Scheduled Finish	
Reason for Repair			Target Finish	<input type="text" value="01/12/14 04:00:00 AM"/>
Work Accomplished			Actual Finish	
Part Failure			Time Remaining	
Warranty?	N		Duration	4:00
Reference ID			Interruptible?	
Telematics Code			Predecessors	
Telematics Transaction				

Primary Meter

New Reading		Last Reading	
New Reading Date		Last Reading Date	
Meter		Primary Reading Entered?	<input type="checkbox"/>
		Life To Date	<input type="text"/>

Responsibility

Supervisor		Service Group	
Lead	<input type="text" value="GHALL3"/>	Work Group	<input type="text" value="MTA472"/>
Crew	<input type="text" value="DAY"/>	Vendor	
		Service	

Mainline 1 2 Yard _____

WO # 1347619

Date: 1/8/2014 Inspection Crew R Dennis S Sell A Perkins

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

Rail Points

4 Point to Point 51 1/2
5 Point Condition S Y R
6 Point Throw, **nothing less than 4 3/4 inches**
N 4 1/2 R _____
7 Point Opening
N 2 3/4 R _____

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

Gage

10 Heel of Switch
a) Main 56 1/16
a) Turnout 56 1/16
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 1/4

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 _____

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

Mainline 1 2 Yard _____

WO # 1347619

Date: 1/8/2014 Inspection Crew: R Dennis S Sell A Perkins

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

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

Guard Rails
 53 Guard Rail Gage N 54 3/8 R 54 1/4
Guard Rail Gage must be less than 54 3/8"
 54 Back to Back N 52 3/4 R 52 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 Grad Rail Flangeway
 S Y R N 1 7/8 R 2
Guard Rail Flangeway can not be less 1 1/2"
 62 Guard Rail Plates
 S Y R N/A
 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

Work Order Tracking (Tr)

Bulletins: (1) Go To Reports Start Center Pr

Find: Select Action

List Work Order Plans Actuals Related Records Safety Plan Log Failure Reporting Specifications

Work Order	1356380	METRO MOW SEMI-ANNUAL SWITCH INS	Attachments	
Classification	MTA \ METRO		Site	METRO
Classification Description	MTA - METRO		Failure Class	
Asset	1243449	MOW Switch	Problem Code	
Alias	OM5A		Priority	1
Location	CHAIN MARK	Metro Chain Markers	Asset/Location Priority	
Work Location			Is Task?	<input type="checkbox"/>
Work Type*	PM		Parent WO	
Status	INPRG		Warranty Situation Present?	N
Status Date	01/15/14 09:26:25 AM		Maintenance Alert?	<input type="checkbox"/>
Reported By	MTACRON		Repair Order?	<input type="checkbox"/>
Phone			Has Follow-up Work?	<input type="checkbox"/>
Reported Date	01/14/14 03:21:48 AM		Quick PM?	<input type="checkbox"/>
On Behalf Of				

Asset Details

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

Costs

Total Planned Cost	0.00
Total Actual Cost	0.00
Repair Limit Amount	
Current Asset Value	0.00
GL Account	J05-#####-047
Accepts Charges?	<input checked="" type="checkbox"/>
Charge to Store?	<input type="checkbox"/>

Multiple Assets, Locations and Cls Filter

Work Details

Job Plan	2666	METRO MOW SEMI-ANNUAL SWITCH INS
PM	50048	METRO MOW SEMI-ANNUAL SWITCH INS
Component		
Position		
Reason for Repair		
Work Accomplished		
Part Failure		
Warranty?	N	
Reference ID		
Telematics Code		
Telematics Transaction		

Scheduling Information

Scheduled Start	
Target Start	01/20/14 12:00:00 AM
Actual Start	01/15/14 09:26:25 AM
Scheduled Finish	
Target Finish	01/20/14 04:00:00 AM
Actual Finish	
Time Remaining	
Duration*	4:00
Interruptible?	<input type="checkbox"/>
Predecessors	

Primary Meter

New Reading	
New Reading Date	
Meter	

Last Reading	
Last Reading Date	
Primary Reading Entered?	<input type="checkbox"/>
Life To Date	

Responsibility

Supervisor	
Lead	GHALL3
Crew	DAY

Service Group	
Work Group*	MTA472
Vendor	
Service	

Mainline 1 2 Yard _____

WO # 1356380

Date: 1/15/2014 Inspection Crew M Alchin A Jefferson A Perkins

1 Location OM
2 Switch I.D. # 5A
3 Facing Trailing X

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

Rail Points

4 Point to Point 52 3/16
5 Point Condition
S Y R
6 Point Throw, **nothing less than 4 3/4 inches**
N n/a R 4 3/8
7 Point Opening
N n/a R 4 13/16

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

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

Gage

10 Heel of Switch
a) Main 57
a) Turnout 56 3/4
11 Gage ahead of Bend 59 1/8
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
a) Turnout 6 3/16
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 _____

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

Mainline 1 2 Yard _____

WO # 1356380

Date: 1/15/2014 Inspection Crew: M Alchin A Jefferson A Perkins

1 Location OM
2 Switch I.D. # 5A
3 Facing Trailing X

44 Frog Tread N S Y R
R S Y R

45 Frog # 6
46 Frog Point Condition S Y R

47 Condition of Frog S Y R

48 Surface of Frog S Y R

49 Throat in Inches 2 3/8
50 Flangeway Depth 2

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

Gage

51 Main Track 56 3/4
52 Turnout Track 57 1/8

Gage must not be less than 56" any Class

Guard Rails

53 Guard Rail Gage N N/A R N/A
Guard Rail Gage must be less than 54 3/8"

54 Back to Back N N/A R N/A
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/A R N/A

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 5A

WO # 1356380

Date 1/15/2014

switch TIES NEEDS TO BE REPLACED
① LOOSE SWITCH BRACE PLATES

Frog # 6

Frog TIES NEEDS TO BE REPLACED

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:

