

Work Order Tracking (Tr)

Bulletins: (1) Go To Reports

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

Work Order: 1403387 METRO MOW SEMI-ANNUAL SWITCH INSPECTION Att

Classification: MTA \ METRO

Classification Description: MTA - METRO Fail

Asset: 1247218 METRO MOW SWITCH BH1B CHAIN MARKER Prob

Alias: BH1B

Location: 069WSWBH1B Chain Markers West, State Center Interlock, Asset/Location

Work Location:

Work Type: PM P

Status: INPRG Warranty Situation

Status Date: 02/27/14 07:25:22 AM

Reported By: MTACRON Maintenar

Phone: Rep:

Reported Date: 02/24/14 03:20:42 AM Has Follow-

On Behalf Of: Q

Asset Details

Year: Total Planned Cost

Manufacturer: Total Actual Cost

Model: Repair Limit Amount

Serial #: Current Asset Value

Type: FLEET Fleet Assets GL Account

Status: OPERATING Operating Accepts Charges?

Asset Condition: Charge to Store?

Costs

Multiple Assets, Locations and CIs Filter

Work Details

Job Plan: 2666 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

PM: 50054 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Component:

Position:

Reason for Repair:

Work Accomplished:

Part Failure:

Warranty?: N

Reference ID:

Telematics Code:

Telematics Transaction:

Scheduling Information

Scheduled Start:

Target Start: 03/02/14 12:00:00 AM

Actual Start: 02/27/14 07:25:22 AM

Scheduled Finish:

Target Finish: 03/02/14 02:00:00 AM

Actual Finish:

Time Remaining:

Duration: 2.00

Interruptible?:

Predecessors:

Primary Meter

New Reading: Last Reading

New Reading Date: Last Reading Date

Meter: Primary Reading Entered?

Life To Date

Responsibility

Supervisor: Service Group:

Lead: Work Group: MTA47

Crew: Vendor:

Service:

Mainline #1 Yard

WO# 1403387

Date: 2/27/2014 Inspection Crew R. Dennis, W. Greenwood, R. Nelson

1 Location BH
2 Switch I.D. # 13
3 Facing Trailing

Rail Points

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

N 4 13/16 R

7 Point Opening N 5 1/4 R

8 Fit S Y R

9 General Condition of the Points S Y R

Gage

10 Heel of Switch
a) Main 56 1/16
a) Turnout 15 1/16
11 Gage ahead of Bend 56 3/4
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 1/4

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
0 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

Mainline #1 Yard

WO# 1403387

Date: 2/27/2014 Inspection Crew: R. Dennis, W. Greenwood, R. Nelson

41 Location BH
42 Switch I.D. # 10
43 Facing Trailing
44 Frog Tread N SYR R SYR

45 Frog # 8
46 Frog Point Condition SYR
47 Condition of Frog SYR
48 Surface of Frog SYR

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 7/8
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 9/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 1/16 R 52 9/8
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

Remarks on page 3

Turnout Ties

58 Condition SYR
59 Rail Movement SYR

Tie Plates

60 Lead SYR
61 Gurad Rail Flangeway SYR N 1 1/16 R 1 3/4
Guard Rial Flangeway can not be less 1 1/2"
62 Guard Rail Plates SYR
63 Frog Plates SYR

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 0 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

Date 2/27/2014

MI / Yard ML #1 _____

WO# 1403387

Switch # BH-1B

31. Straight closure rail is battered at the heel block.

71. 3 hold down devices are missing through entire turnout.

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

7 Immediate attention required or Out of Service

Reviewed by:



Mainline # 2 Yard

WO# 1403391

Date: 2/27/2014 Inspection Crew R. Dennis, W. Greenwood, R. Nelson

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

Rail Points

4 Point to Point 51/2
5 Point Condition SYR
6 Point Throw nothing less than 4 3/4 inches
N 4 3/4 R
7 Point Opening
N 5/8 R

8 Fit SYR
9 General Condition of the Points SYR

Gage

10 Heel of Switch
a) Main 56 1/2
a) Turnout 56 7/8
11 Gage ahead of Bend 56 3/4
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
a) Turnout 6 1/8
a) Main 6 1/4

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 Missing

Remarks on Page 3

22 Standard Joints SYR N/A
23 Switch Plates SYR N/A
24 Adjustable Braces SYR N/A
25 Non-Adjustable Braces SYR N/A

Switch Rods

26 Front Rod SYR N/A
27 #1 Rod (Basket Rod) SYR N/A
28 #2 Rod SYR N/A
29 #3 Rod SYR N/A
30 #4 Rod SYR N/A
31 Closure Rail SYR N/A
32 Surface of Switch SYR 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 SYR
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 SYR
40 Insulated Joints SYR

Mainline #2 Yard

WO# 1403391

Date: 2/27/2014 Inspection Crew: R. Dennis, W. Greenwood, R. Nelson

41 Location BH
42 Switch I.D. # 3A
43 Facing Trailing X
44 Frog Tread N SYR R SYR
45 Frog # 8
46 Frog Point Condition SYR
47 Condition of Frog SYR
48 Surface of Frog SYR
49 Throat in Inches 3 7/8
50 Flangeway Depth 2"
Flangeway Depth must not be less than 1 1/2"

Gage
1 Main Track 56 7/8
2 Turnout Track 56 1/2
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 13/16 R 54 3/8"
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 3/4 R 52 1/2
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 Gurad Rail Flangeway SYR N 1 3/4 R 1 3/16
Guard Rial Flangeway can not be less 1 1/2"
62 Guard Rail Plates SYR
63 Frog Plates SYR

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

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

Remarks

Date 2/27/2014

MI / Yard ML#2

WO# 1403391

Switch # BH-3A

40. North + South rails, insulated Joints ahead of
switch points are battered.

71. 5 hold down devices are missing through entire
Turnout.

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

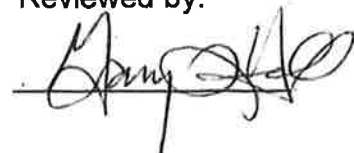
All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by:



Mainline #1 Yard

WO# 1403405

Date: 2/27/2014 Inspection Crew R. Dennis, W. Greenwood, R. Nelson

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

Rail Points

4 Point to Point 51 7/16
5 Point Condition S Y R
6 Point Throw, nothing less than 4 3/4 inches

N 4 3/4 R

7 Point Opening
N 5 R

8 Fit
S Y R

9 General Condition of the Points
S Y R

Gage

10 Heel of Switch
a) Main 56 1/2
a) Turnout 56 1/2
11 Gage ahead of Bend 56 9/16
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 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
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

airline #1 Yard

WO# 1403405

Date: 2/27/2014 Inspection Crew: R. Dennis, W. Greenwood, R. Nelson

41 Location BH
 42 Switch I.D. # 3B
 43 Facing Trailing X
 44 Frog Tread N SYR
 R SYR
 45 Frog # 8
 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 2"
Flangeway Depth must not be less than 1 1/2"

Turnout Ties

58 Condition
SYR
 59 Rail Movement
SYR

Tie Plates

60 Lead
SYR
 61 Gurad Rail Flangeway
SYR N 1 1/16 R 1 3/4
Guard Rial Flangeway can not be less 1 1/2"
 62 Guard Rail Plates
SYR
 63 Frog Plates
SYR

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

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

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 3/4 R 54 7/8
Guard Rail Gage must be less than 54 3/8"
 54 Back to Back N 52 9/16 R 52 7/16
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

Remarks on page 3

Remarks

Date 2/27/2014

MI / Yard ML #1

WO# 1403405

Switch # BH-3B

71. A total of 10 hold down devices are missing through entire turn out.

44. Riser on the gage side of the frog is battered.

22. Standard joint on the south rail is battered.

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:

