Switch Inspection Report / Semi Annual

Mainline # 1 Yard _____ WO# 1594433

Date: 8-6-14 Inspection Crew Nelson, Rabette, Greenwood, Jefferson

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

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 1/8 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 1/4
a) Turnout 56 3/4
11 Gage ahead of Bend 57
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

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

Bolts
15 Loose 8 N/A
16 Missing _____ N/A

Rivets (Huck Bolts)
17 Loose 0 N/A
18 Missing 0 N/A
19 Cotter Pins missing 8 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 **Yard** _____ **WO #** 1594433

Date: 8-6-14 **Inspection Crew:** Nelson, Rabette, Greenwood, Jefferson

41 Location **Reisterstown Plaza**
42 Switch I.D. # **RP- 1B**
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 1/2
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
53 Guard Rail Gage N 54 1/2 R N/A
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 3/8 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

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 3/16 R N/A
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 on page 3

Remarks

Date : 8-6-14 **Mainline / Yard :** ML - 1 **Switch #** RP - 1B **WO #** 1594433

RH Str St. RL. Wheel burns
Battered I J ahead of switch
Ex Treme Poor Timber condition
Railmove Horizial
loose lags + Plates
Entire switch out of line + surface
Frog Point Battered
straight side riser needs welding

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

Service Address | Map

Work Order: 1594441 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1248716 METRO MOW SWITCH RP3B CHAIN MARK = 389W+35

Alias: RP3B

Location: 389WSWRP3I Chain Markers West, Reisterstown Plaza Interlock , METRO

Work Location:

* Work Type: PM

Status: APPR

Status Date: 08/04/14 12:48:30 PM

Reported By: MTACRON

Phone:

Reported Date: 08/04/14 03:03:12 AM

On Behalf Of:

Consist:

Asset Details

Cost

Year:

Manufacturer:

Model:

Serial #:

Switch Inspection Report / Semi Annual

Mainline # 1 **Yard** _____ **WO#** **1594441**

Date: 8-6-14 **Inspection Crew** Nelson, Roberts, Greenwood, Jefferson

1 Location **Reisterstown Plaza**
2 Switch I.D. # **RP- 3B**
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 5 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 5/8
a) Turnout 56 9/16
11 Gage ahead of Bend 56 11/16
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 1/4

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 # 1594441**

Date: 8-6-14 Inspection Crew: Nelson, Rabette, Greenwood, Jefferson

41 Location **Reisterstown Plaza**
42 Switch I.D. # **RP-3B**
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 1/2
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 5/16
2 Turnout Track _____
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 1/2 R _____
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 5/8 R _____
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 3/16 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 8 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 1/2"

75 Condition of Line thru entire turnout
S (Y) R

Remarks

Date : 8-6-14 **Mainline / Yard :** ML - 1 **Switch #** RP - 3B **WO #** 1594441

Frog Point low + rolled over
Straight side riser needs welding
Extreme poor Timber Condition
Loose lags + Plate
Horizontal Rail movement
Both stock rails has wheel burns
RH Str. sw. rt. wheel burns
I J + standard Joints battered
Poor surface + line entire switch

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)

Bulletins: (1) Go To Reports Start Center

Find Work Order Select Action

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

Service Address | Map

Work Order: 1594429 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246294 METRO MOW SWITCH RP1A CHAIN MARK = 389W+35

Alias: RP1A

Location: 389WSWRP1/ Chain Markers West, Reisterstown Plaza Interlock , METRO

Work Location:

* Work Type: PM

Status: APPR

Status Date: 08/06/14 07:18:13 AM

Reported By: MTACRON

Phone:

Reported Date: 08/04/14 03:03:03 AM

On Behalf Of:

Consist:

Asset Details Cost

Year:

Manufacturer:

Model:

Serial #:

Switch Inspection Report / Semi Annual

Mainline # 2 **Yard** _____ **WO#** **1594429**

Date: 8-6-14 **Inspection Crew** Melon, Rabette, Greenwood, Jefferson

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

Rail Points
4 Point to Point 5 5/8
5 Point Condition
(S) Y R
6 Point Throw **nothing less than 4 3/4 inches**
N 5 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 57
a) Turnout 57
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
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 # 2 **Yard** _____ **WO #** 1594429

Date: 8-6-14 **Inspection Crew:** Nelson, Robette, Greenwood, Jefferson

41 Location **Reisterstown Plaza**
42 Switch I.D. # **RP- 1A**
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 1/2
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
53 Guard Rail Gage N 54 3/4 R _____
Guard Rail Gage nust be less than 54 3/8"
54 Back to Back N _____ R _____
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 3/16 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 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 1/2

75 Condition of Line thru entire turnout
S Y R

Remarks

Date : 8-6-14 **Mainline / Yard :** ML # 2 **Switch #** RP - 1A **WO #** 1594429

1. RH Str. St. Rl. 2" check missing in joint ahead of switch
2. Straight closure rail has wheel burns
3. LH Str. sw. Rl. wheel burn
4. Extreme Poor Timber condition
5. Loose bags + Plates
6. Poor surface & line through entire switch
7. Horizontal rail movement

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)

Bulletins: (1) Go To Reports Start Center

Find Work Order Select Action

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

Service Address | Map

Work Order: 1607025 METRO MOW ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1247415 METRO MOW SWITCH PO7A CHAIN MARK = 232W+45

Alias: PO7A

Location: 232WSWPO7 Chain Markers West, PO Interlock, METRO MOW SWITCH I

Work Location:

* Work Type: PM

Status: APPR

Status Date: 08/19/14 07:53:11 AM

Reported By: MTACRON

Phone:

Reported Date: 08/17/14 03:02:23 AM

On Behalf Of:

Consist:

Switch Inspection Report / Annual

Mainline _____ **Yard** Portal Siding **WO#** 1607025

Date: _____ **Inspection Crew** Greenwood, Dennis, Nelson

1 Location Portal Siding
2 Switch I.D. # PO - 7A
3 Facing _____ 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 5 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 55 7/8
a) Turnout 56
11 Gage ahead of Bend 56 5/16
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 1/4

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

Mainline _____ Yard Portal Siding WO # 1607025

Date: 8/19/2014 Inspection Crew: Greenwood, Dennis, Nelson

41 Location Portal Siding
42 Switch I.D. # PO - 7A
43 Facing _____ Trailing _____
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 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 3/8
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 53 1/8 R 53 3/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N NA R NA
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 NA R NA
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 : 8/19/2014 **Mainline / Yard :** Siding **Switch #** PO-7A **WO #** 1607025

1. Tie condition extremely poor 49 out of 56 are bad
7 Ties under point area have been replaced.

2. Numerous lags are loose

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:

Switch Inspection Report / Semi Annual

Mainline # 2 Yard _____ WO# 1614730

Date: 8-28-14 Inspection Crew Greenwood, Dennis, Nelson

1 Location State Center
2 Switch I.D. # BH-1A
3 Facing X Trailing _____

Rail Points

4 Point to Point 51 5/8
5 Point Condition
S Y R
6 Point Throw, **nothing less than 4 3/4 inches**
N 4 7/8 R _____
7 Point Opening
N 4 5/8 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 7/8
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 1/8
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

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 # 1614730

Date: 8-28-14 Inspection Crew: Greenwood, Dennis, Nelson

41 Location State Center
42 Switch I.D. # BH-1A
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 1/2
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 5/8
2 Turnout Track 56 7/8
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 52 7/8 R 52 5/8
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 13/16
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 (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 : 8-28-14 **Mainline / Yard :** **ML - 2** **Switch #** **BH-1A** **WO #** **1614730**

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

Service Address | Map

Work Order: 1614726 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1247337 METRO MOW SWITCH BH3A CHAIN MARK = 069W+30

Alias: BH3A

Location: 069WSWBH3/ Chain Markers West, State Center Interlock, Metro MOW Sw

Work Location:

* Work Type: PM

Status: APPR

Status Date: 08/26/14 03:11:12 PM

Reported By: MTACRON

Phone:

Reported Date: 08/25/14 03:01:32 AM

On Behalf Of:

Consist:

Switch Inspection Report / Semi Annual

Mainline # 2 Yard _____ WO# 1614726

Date: 8-28-14 Inspection Crew Greenwood, Nelson, Dennis

1 Location State Center
2 Switch I.D. # BH-3A
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 1/8 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 5/8
a) Turnout 56 7/16
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 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
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 # 1614726**

Date: 8-28-14 Inspection Crew: Greenwood, Nelson, Dennis

41 Location State Center
42 Switch I.D. # BH-3A
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 1/2
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 1/2
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 3/4 R 54 11/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 3/4 R 52 5/8
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 13/16 R 1 13/16
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 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 : 8-28-14 Mainline / Yard : ML - 2 Switch # BH-3A WO # 1614726

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
Service Address | Map

Work Order: 1614722 METRO MOW SEMI-ANNUAL SWITCH INSPECTION
Classification: MTA \ METRO
Classification Description: MTA - METRO
Asset: 1247218 METRO MOW SWITCH BH1B CHAIN MARK = 069W+30
Alias: BH1B
Location: 069WSWBH1I Chain Markers West, State Center Interlock, Metro MOW Sw
Work Location:
* Work Type: PM
Status: APPR
Status Date: 08/26/14 03:10:29 PM
Reported By: MTACRON
Phone:
Reported Date: 08/25/14 03:01:30 AM
On Behalf Of:
Consist:

Switch Inspection Report / Semi Annual

Mainline # 1 **Yard** _____ **WO#** **1614722**

Date: 8-28-14 **Inspection Crew** Greenwood, Nelson, Dennis

1 Location **State Center**
2 Switch I.D. # **BH-1B**
3 Facing X Trailing _____

Rail Points
4 Point to Point 5 1/2
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 5/8 R _____
8 Fit
S Y R
9 General Condition of the Points
S Y R

Gage
10 Heel of Switch
a) Main 56 1/8
a) Turnout 56 3/4
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 1/8
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

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 #** 1614722

Date: 8-28-14 **Inspection Crew:** Greenwood, Nelson, Dennis

41 Location State Center
42 Switch I.D. # BH-1B
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 1/8
50 Flangeway Depth 8
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 5/8
52 Turnout Track 56 1/2
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 1/2 R 54 11/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 3/8 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
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 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 0 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
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 : 8-28-14 **Mainline / Yard :** ML - 1 **Switch #** BH-1B **WO #** 1614722

Frog point is low and riser is starting to get battered. Was just welded three weeks ago.

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

Service Address | Map

Work Order: 1614738 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1248711 METRO MOW SWITCH BH3B CHAIN MARK = 066W+45

Alias: BH3B

Location: 066WSWBH3I Chain Markers West, State Center Interlock, METRO MOW S

Work Location:

* Work Type: PM

Status: APPR

Status Date: 08/26/14 03:12:24 PM

Reported By: MTACRON

Phone:

Reported Date: 08/25/14 03:01:43 AM

On Behalf Of:

Consist:

Switch Inspection Report / Semi Annual

Mainline # 1 **Yard** _____ **WO#** 1614738

Date: 8-28-14 **Inspection Crew** Greenwood, Nelson, Dennis

1 Location State Center
2 Switch I.D. # BH-3B
3 Facing _____ Trailing X

Rail Points
4 Point to Point 5 1/2
5 Point Condition
(S) Y R
6 Point Throw, **nothing less than 4 3/4 inches**
N 4 7/8 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 5/8
a) Turnout 56 1/4
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

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 #** 1614738

Date: 8-28-14 **Inspection Crew:** Greenwood, Nelson, Dennis

41 Location State Center
42 Switch I.D. # BH-3B
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 1/2
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 3/4
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 11/16 R 54 1/2
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 3/4 R 52 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

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 1/4 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 : 8-28-14 Mainline / Yard : ML - 1 Switch # BH-3B WO # 1614738

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: