Switch Inspection Report / Semi Annual

Mainline 1 _____ **WO#** 2057017

Date: 9/5/15 **Inspection Crew** CHASE, MIKE, WOODY

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

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_____ R 4 3/8
7 Point Opening
N_____ R 4 7/8
8 Fit
S Y R
9 General Condition of the Points
S Y R

Gage
10 Heel of Switch
a) Main 6 5/16
a) Turnout 6 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 56 3/4
a) Main 56 11/16

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 0 Missing 0

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 _____ **WO #** 2057017

Date: 9/5/15 **Inspection Crew:** Chase, Mike, Woody

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 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 3/4 R 54 9/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 5/8 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 Guard 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 0 N/A
65 Missing 0 N/A

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

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 : 9/5/15 **Mainline / Yard :** 1 **Switch #** BH-3B **WO #** 2057017

FROG PLATE - 1 SADDLE MISSING
ADJUSTABLE BRACE - MISSING

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

Find Work Order Select Action

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

Work Order: 2057001 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: 069WSWBH1E Chain Markers West, State Center Interlock, Metro MOW Sw

Work Location:

* Work Type: PM

Status: APPR

Status Date: 08/26/15 02:32:27 PM

Reported By: MTACRON

Phone:

Reported Date: 08/24/15 04:16:38 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 _____ **WO#** 2057001

Date: 9/5/15 **Inspection Crew** CHASE, MIKE, WOODY

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

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_____ R 4 3/4
7 Point Opening
N_____ R 5
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 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 1/2

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

Bolts
15 Loose 1 N/A
16 Missing 0 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 _____ WO # 2057001

Date: 9/5/15 Inspection Crew: Chase, Mike, Woody

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 3/8
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 7/16
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 52 5/8 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 Guard 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 0 N/A
65 Missing 0 N/A

Rivets (Huck)
66 Loose 0 N/A
67 Missing 0 N/A
68 Nuts Missing 0 N/A
69 Cotter Pins Missing 0 N/A
70 Washers OK Broken 0 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 : 9/8/15 **Mainline / Yard :** 1 **Switch #** BH-1B **WO #** 2057001

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 T

Find Work Order Select Action

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

Work Order: 2057009 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246853 METRO MOW SWITCH BH1A CHAIN MARK = 066W+45

Alias: BH1A

Location: 066WSWBH1A Chain Markers West, State Center Interlock, METRO MOW S

Work Location:

* Work Type: PM

Status: APPR

Status Date: 08/26/15 02:36:24 PM

Reported By: MTACRON

Phone:

Reported Date: 08/24/15 04:16:44 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 _____ **WO#** 2057009

Date: 9/5/15 **Inspection Crew** CHASE, MIKE, WOODY

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

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_____ R 4 11/16
7 Point Opening
N_____ R 4 7/8
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 15/16
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 1/16
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_____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

Frog Inspection Report / Semi Annual

Mainline 2 **WO #** 2057009

Date: 9/5/15 **Inspection Crew:** Chase, Mike, Woody

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 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 1/2
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 must be less than 54 3/8"
54 Back to Back N 52 13/16 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 Guard Rail Flangeway
S Y R N 2/16 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 C N/A
65 Missing C N/A

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

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 : 9/5/15 **Mainline / Yard :** 2 **Switch #** BH-1A **WO #** 2057009

SPACER BLOCK MISSING

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: 2085121 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1247286 METRO MOW SWITCH RA1A CHAIN MARK = 341W+25

Alias: RA1A

Location: 341WSWRA1A Chain Markers West, Rogers Avenue Interlock, METRO MOW

Work Location:

Work Type: PM

Status: APPR

Status Date: 09/15/15 08:15:58 AM

Reported By: MTACRON

Phone:

Reported Date: 09/14/15 04:16:24 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 _____ **WO#** 2085121

Date: 9/19/15 **Inspection Crew** Jefferson, Chase, Alchin, Greenwood

1 Location Rogers Ave.
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_____ R 5 1/8
7 Point Opening
N_____ R 5 1/2
8 Fit
(S) Y R
9 General Condition of the Points
(S) Y R

Gage
10 Heel of Switch
a) Main 57 1/16
a) Turnout 56 15/16
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 1/4
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_____

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

JBW/WEM Mod. 09-15-08

Frog Inspection Report / Semi Annual

Mainline 2 _____ WO # 2085121

Date: 9-19-15 Inspection Crew: Jefferson, Chase, Albin, Greenwood

41 Location Rogers Ave.
42 Switch I.D. # 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 7/16
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 7/4
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 13/16 R 54 7/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 13/16 R 52 7/16
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 Guard Rail Flangeway
S Y R N 1 7/8 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 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 : 9/9-15 **Mainline / Yard :** 2 **Switch #** RA-1A **WO #** 2085121

5. Left hand straight switch point has 9 wheel burns.
11. Right hand curved stock rail batter at joint ahead of the bend.
22. 2 standard joints are battered.
24. One loose adjustable brace on Left hand curved stock rail.
31. the straight closure rail is battered at the heel block.
32. Entire switch is out-of-surface & line.
33. Switch timber are deteriorated, Epoxy was used as a temporary fix.

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:

1

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: 2085125 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246986 METRO MOW SWITCH RA1B CHAIN MARK = 344W+15

Alias: RA1B

Location: 344WSWRA1E Chain Markers West, Reisterstown Plaza Interlock , METRO

Work Location:

* Work Type: PM

Status: APPR

Status Date: 09/15/15 08:16:37 AM

Reported By: MTACRON

Phone:

Reported Date: 09/14/15 04:16:27 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 _____ WO# 2085125

Date: 9/19/15 Inspection Crew Jefferson, Chase, Albin, Greenwood

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

Rail Points
4 Point to Point 5 7/16
5 Point Condition
(S) Y R
6 Point Throw, **nothing less than 4 3/4 inches**
N_____ R 4 1/2
7 Point Opening
N_____ R 4 3/4
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 1/2
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 3/16

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 _____ WO # 2085125

Date: 9-19-15 Inspection Crew: Jefferson, Chase, Hilton, Greenwood

41 Location Rogers Ave
42 Switch I.D. # 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 1/8
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 7/16
52 Turnout Track 56 1/4
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 9/16 R 54 1/2
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 11/16 R 52 9/16
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 Guard 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 _____ N/A
65 Missing _____ N/A

Rivets (Huck)
66 Loose 0 N/A
67 Missing 0 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 : 9-19-15 **Mainline / Yard :** 1 **Switch #** RA-1B **WO #** 2085125

32. Entire switch is out-of-surface & line.
58. Switch Timbers are deteriorated, epoxy was used for a Temporary repair. Needs new Timbers.

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: 2085085 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246993 METRO MOW SWITCH RA3A CHAIN MARK = 344W+15

Alias: RA3A

Location: 344WSWRA3A Chain Markers West, Reisterstown Plaza Interlock , METRO

Work Location:

* Work Type: PM

Status: APPR

Status Date: 09/15/15 08:13:00 AM

Reported By: MTACRON

Phone:

Reported Date: 09/14/15 04:15:48 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 _____ WO# 2085085

Date: 9-19-15 Inspection Crew Jefferson, Chase, Alchin, Greenwood

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

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

Gage
10 Heel of Switch
a) Main 56 9/16
a) Turnout 56 9/16
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 1/4
a) Main 6 3/16

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 2 _____ WO # 2085085

Date: 9-19-15 Inspection Crew: Jefferson, Chase, Allchin, Greenwood

41 Location Rogers Ave.
42 Switch I.D. # 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
50 Flangeway Depth 1 7/8
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 1/4
52 Turnout Track 56 3/8
Gage must not be less than 56" any Class

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

emarks 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 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 8 N/A
65 Missing _____ 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 : 9-19-15 **Mainline / Yard :** 2 **Switch #** RA-3A **WO #** 2085085

22. Left hand straight stock rail is battered
24. One loose adjustable brace on right hand curved stock rail.
31. Closure rail is battered and 3 loose lock bolts in Joint.
32 Entire switch is out-of-surface & line.
58. Timbers are deteriorated, Epoxy was used as a Temporary fix.

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 T

Find Work Order Select Action

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

Work Order: 2085095 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1247109 METRO MOW SWITCH RA3B CHAIN MARK = 341W+25

Alias: RA3B

Location: 341WSWRA3E Chain Markers West, Rogers Avenue Interlock, METRO MOV

Work Location:

Work Type: PM

Status: APPR

Status Date: 09/15/15 08:14:35 AM

Reported By: MTACRON

Phone:

Reported Date: 09/14/15 04:15:56 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 _____ **WO#** 2085095

Date: 9-19-15 **Inspection Crew** Jefferson, Chase, Alchin, Greenwood

1 Location Rogers Ave.
2 Switch I.D. # 3B
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_____ R 5
7 Point Opening
N_____ R 5 1/4
8 Fit
(S) Y R
9 General Condition of the Points
S (Y) R 4 wheel burns

Gage
10 Heel of Switch
a) Main 57 1/8
a) Turnout 56 15/16
11 Gage ahead of Bend 56 5/8
Must not be less than 56 inches or more than 57 inches for "S"
yellow Gages
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

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 _____ WO # 2085095

Date: 9-19-15 Inspection Crew: Jefferson, Chase, Hilchin, Greenwood

41 Location Rogers Ave.
42 Switch I.D. # 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 1/4
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 1/4
52 Turnout Track 56 3/8
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 1/2 R 54 1/2
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

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 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 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 on page 3

Remarks

Date : 9-19-15 **Mainline / Yard :** 1 **Switch #** RA-3B **WO #** 2085095

9. Right hand straight switch point has 4 wheel burns.
10. Gage at the heel block is 57 1/8.
22. 2 standard joints are battered
32 Entire switch is out-of-surface + line.
63. 3 frog plates have screw spikes missing.

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

Find Work Order Select Action

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

Work Order: 2094084 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246677 METRO MOW SWITCH CC1A CHAIN MARK = 004W+70

Alias: CC1A

Location: 004WSWCC1A Chain Markers East, Charles Center Interlock, Metro MOW S

Work Location:

* Work Type: PM

Status: APPR

Status Date: 09/26/15 08:20:27 AM

Reported By: MTACRON

Phone:

Reported Date: 09/21/15 04:13:26 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 **WO#** 2094084

Date: 9/26/15 **Inspection Crew** A. Jefferson, M. Alchin, R. Nelson

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

Rail Points
4 Point to Point 5 7/16
5 Point Condition
S (Y) R
6 Point Throw, **nothing less than 4 3/4 inches**
N____ R 4 3/4
7 Point Opening
N____ 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 9/16
a) Turnout 56 15/16
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 5 7/8
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 _____ **WO #** 2094084

Date: 9/26/2015 **Inspection Crew:** A. Jefferson, M. Alchin, R. Nelson

41 Location Charles Center
42 Switch I.D. # 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 9/16
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 1/2
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 7/8 R 54 7/8
Guard Rail Gage nust be less than 54 3/8"
54 Back to Back N 52 7/8 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 Guard Rail Flangeway
S Y R N 1 5/8 R 1 5/8
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 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 : 9/26/15 **Mainline:** 2 **Switch #** CC-1A **WO #** 2094084

5. Right Hand Curved switch point chipped.
24. One adjustable brace 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:

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: 2094088 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1247163 METRO MOW SWITCH CC3A CHAIN MARK = 007W+65

Alias: CC3A

Location: 007WSWCC3/ Chain Markers West, State Center Interlock, Metro MOW Sw

Work Location:

* Work Type: PM

Status: APPR

Status Date: 09/26/15 06:20:52 AM

Reported By: MTACRON

Phone:

Reported Date: 09/21/15 04:13:29 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 WO# 2094088

Date: 9/26/15 Inspection Crew A. Jefferson, M. Alchin, R. Nelson

1 Location Charles Center
2 Switch I.D. # 3A
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_____ R 4 3/4
7 Point Opening
N_____ R 5
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 3/8
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

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 _____ **WO #** 2094088

Date: 9/26/2015 **Inspection Crew:** A. Jefferson, M. Alchin, R. Nelson

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

Gage
51 Main Track 56 5/16
52 Turnout Track 56 1/2
Gage must not be less than 56" any Class

Guard Rails
53 Guard Rail Gage N 54 11/16 R 54 3/4
Guard Rail Gage nust be less than 54 3/8"
54 Back to Back N 52 3/4 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
61Guard Rail Flangeway
S Y R N 1 3/8 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 _____ 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 : 9/26/15 **Mainline:** 2 **Switch #** CC-3A **WO #** 2094088

13. Left hand straight stock rail is chipped at joint.
24. One adjustable brace 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:

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: 2094103 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1247411 METRO MOW SWITCH CC1B CHAIN MARK = 007W+65

Alias: CC1B

Location: 007WSWCC1E Chain Markers West, State Center Interlock, Metro MOW Sw

Work Location:

* Work Type: PM

Status: APPR

Status Date: 09/26/15 08:21:39 AM

Reported By: MTACRON

Phone:

Reported Date: 09/21/15 04:13:41 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 **WO#** 2094103

Date: 9/26/15 **Inspection Crew** A. Jefferson, M. Alchin, R. Nelson

1 Location Charles Center
2 Switch I.D. # 1B
3 Facing X Trailing ____

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____ R 5 1/16
7 Point Opening
N____ R 5 3/8
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 5/8
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
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