

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: 2103051 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246244 METRO MOW SWITCH RA5 CHAIN MARK = 349W+10

Alias: RA5A

Location: 349WSWRA5E Chain Markers West, Reisterstown Plaza Interlock , METRO

Work Location:

* Work Type: PM

Status: APPR

Status Date: 10/03/15 06:34:18 AM

Reported By: MTACRON

Phone:

Reported Date: 09/28/15 04:17:35 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET

Fleet Assets

Status: OPERATING

Operating

Asset Condition:

Address Information

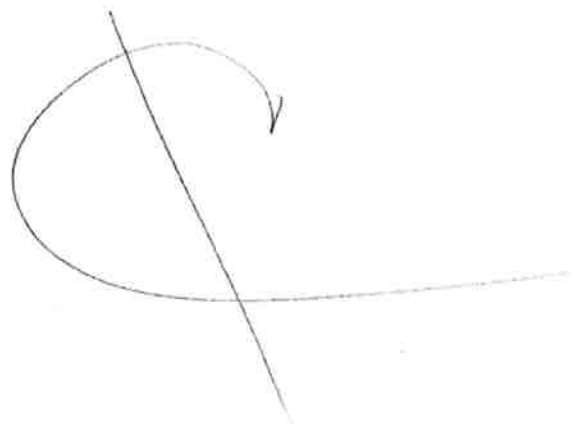
Service Address:

City:

Formatted Address:

State/Province:

Street Address:



Mainline **1**

WO# **2103051**

Date: 10/3/15 Inspection Crew A. Jefferson, W. Greenwood, J. Chase, R. Nelson

1 Location **Rogers Ave.**
 2 Switch I.D. # **5A**
 3 Facing Trailing **X**

Rail Points

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

N _____ R 4 7/8

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 3/8
 a) Turnout 56
 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 5/8
 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**

Mainline **1**

WO # **2103051**

Date: 10/3/2015 Inspection Crew: A. Jefferson, W. Greenwood, J. chase, R. Nelson

41 Location Rogers Ave.
 42 Switch I.D. # 5A
 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 3/4
 50 Flangeway Depth 2 1/4
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
 53 Guard Rail Gage N 54 3/16 R 54 9/16
Guard Rail Gage must be less than 54 3/8"
 54 Back to Back N 52 7/8 R 52 3/4
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 Guard Rail Flangeway SYR N 1 3/4 R 1 13/16
Guard Rail Flangeway can be less than 1-1/2"
 62 Guard Rail Plates SYR
 63 Frog Plates SYR

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 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 1/4

75 Condition of Line thru entire turnout SYR

emarks on page 3

Work Order Tracking (Tr)

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Work Order: 2103057 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246568 METRO MOW SWITCH RA7B CHAIN MARK = 349W+10

Alias: RA7B

Location: 349WSWRA7E Chain Markers West, Reisterstown Plaza Interlock, METRO

Work Location:

*Work Type: PM

Status: APPR

Status Date: 10/03/15 06:35:40 AM

Reported By: MTACRON

Phone:

Reported Date: 09/28/15 04:17:40 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:

Mainline **1**

WO# **2103057**

Date: 10/3/15 Inspection Crew A. Jefferson, W. Greenwood, J. Chase, R. Nelson

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

Gage

10 Heel of Switch
a) Main 56 1/2
b) Turnout 56
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 1/4

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
Jam Nuts Loose 0 N/A
21 Washers OK Broken 0 Missing 0

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 0 Missing 0
38 Locks OK Broken 0 Missing 0
39 General Condition S Y R
40 Insulated Joints S Y R

Mainline **1**

WO # **2103057**

Date: **10/3/2015** Inspection Crew: **A. Jefferson, W. Greenwood, J. chase, R. Nelson**

41 Location **Rogers Ave.**
 42 Switch I.D. # **7B**
 43 Facing **X** Trailing _____
 44 Frog Tread N **S Y R**
 R **S Y R**
 45 Frog # **B**
 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 3/4
 50 Flangeway Depth 2 1/4
Flangeway Depth must not be less than 1 1/2"

Gage
 51 Main Track 56 9/16
 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 11/16
Guard Rail Gage must be less than 54 3/8"
 54 Back to Back N 52 7/8 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 Guard Rail Flangeway
S Y R N 1 3/4 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 _____ **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 1/4

75 Condition of Line thru entire turnout
S Y R

Work Order Tracking (Tr)

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- Related Records
- Safety Plan
- Log
- Failure Reporting

Work Order: 2103043 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246834 METRO MOW SWITCH RA9A CHAIN MARK = 348W+10

Alias: RA9A

Location: 348WSWRA9/ Chain Markers West, Reisterstown Plaza Interlock, METRO

Work Location:

* Work Type: PM

Status: APPR

Status Date: 10/03/15 06:30:18 AM

Reported By: MTACRON

Phone:

Reported Date: 09/28/15 04:17:18 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET

Fleet Assets

Status: OPERATING

Operating

Asset Condition:

Address Information

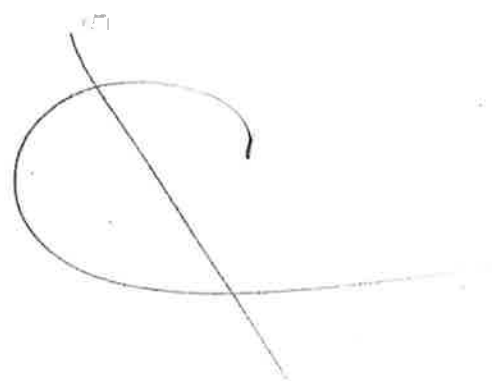
Service Address:

City:

Formatted Address:

State/Province:

Street Address:



Mainline **2**

WO# **2103043**

Date: 10/3/15 Inspection Crew A. Jefferson, W. Greenwood, J. Chase, R. Nelson

1 Location Rogers Ave.
2 Switch I.D. # 9A
3 Facing X Trailing _____

Rail Points

4 Point to Point 50 3/4
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 56 1/2
b) Turnout 56 5/8
11 Gage ahead of Bend 56 1/2
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
a) Turnout 6 1/4
a) Main 6 1/2

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
Jam Nuts Loose 0 N/A
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

Remarks

Date : 10/3/15

Mainline: 2

Switch # RA-9A

WO # 2103043

46. Frog Point is battered, needs to be welded.

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: _____