Frog Inspection Report / Semi Annual

Mainline 1 _____ **WO #** 2094103

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

41 Location Charles Center
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 3/8
50 Flangeway Depth 2 7/8
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
53 Guard Rail Gage N 54 7/8 R 54 11/16
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 Guard Rail Flangeway
S Y R N 1 1/2 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:** 1 **Switch #** CC-1B **WO #** 2094103

24. One adjustable brace loose.
31. Closure chipped at heel blocked.

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: 2094092 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1246852 METRO MOW SWITCH CC3B CHAIN MARK = 004W+70

Alias: CC3B

Location: 004WSWCC3E Chain Markers East, Charles Center Interlock, Metro MOW S

Work Location:

* Work Type: PM

Status: APPR

Status Date: 09/26/15 08:21:16 AM

Reported By: MTACRON

Phone:

Reported Date: 09/21/15 04:13:32 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#** 2094092

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

1 Location Charles Center
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 3/8
8 Fit
S Y R
9 General Condition of the Points
S Y R

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

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