Mainline 1 2 Yard _____ WO # 2352403

Date: 5/3/16 Inspection Crew M POLLARD T SCHISLER R NELSON G LAM A RABELTE

1 Location _____
2 Switch I.D. # 423A
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" or greater than 5"
Min 3 1/2" on house top point protector
N 4 5/8 R 4 3/8
7 Point Opening
N 5 R 5
8 [illegible]
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 1/2
Must not be less than 56" or more than 57" for "S"

[illegible] Heel Spread in Inches
a) Turnout 6 1/4
a) Main 6 3/8

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 1
WEM Mod. 09-15-09

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 2 Yard _____ WO # 2352403

Date: 5/3/16 Inspection Crew: M POLLARD T SCHISLER R NELSON G LAM A RABETTE

1 Location _____
2 Switch I.D. # 42 3A
3 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 7/8
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" for any Class

Guard Rails
53 Guard Rail Gage N 54 13/16 R 54 9/16
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 N/A
57 Turnout Track
S Y R N/A

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 3/8 R 1 7/8
Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates
S Y R
63 Frog Plates
S Y R

Bolts
64 Loose 1 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 ____ 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

Switch 423A **Date** 5/3/16 **WO #** 23522403

RH ST. POINT – MICRO CRACKING / SHELLING / BATTERED BETWEEN #3 & #4 RODS

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: James Keane **Date:** 5/4/16

Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard _____ WO # 2352405

Date: 5/3/16 Inspection Crew M POLLARD T SCHISLER R NELSON G LAK A RABETTE

1 Location
2 Switch I.D. # 423B
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" or greater than 6"
Min 3 1/2" on house top point protector
N 4 1/2 R 4 1/2
7 Point Opening
N 4 7/8 R 4 7/8
8 Fit
TOS 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 7/16
11 Gage ahead of Bend 56 5/8
Must not be less than 56" or more than 57" 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 1 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
J WEM Mod. 09-15-08

Mainline 1 2 Yard _____ WO # 2352405

Date: 5/3/16 Inspection Crew: M Pollard T Schisler R Nelson G Lay A Rabette

1 Location _____
2 Switch I.D. # 423B
3 Facing 8 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 2 7/8
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" for any Class

Guard Rails
53 Guard Rail Gage N 54 5/8 R 54 9/16
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 N/A
57 Turnout Track
S Y R N/A

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 7/8 R 1 15/16
Guard Rail Flangeway can not be less 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 ____ 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

Switch 42 3B **Date** 5/3/16 **WO #** 2352405

MICRO CRACKING – FROG
MICRO CRACKING – RH ST. POINT BETWEEN #3 & #4 RODS
RH ST POINT GAPPED 1/8"
9 LOOSE SCREW SPIKES

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: Jamie Reaves **Date:** 5/4/16

Mainline 1 2 Yard _____ WO # 2352401

Date: 5/3/16 Inspection Crew M POWARD T SCHISLER R NELSON G LAM A RABETTE

1 Location _____
2 Switch I.D. # 42 1B
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" or greater than 5"
Min 3 1/2" on house top point protector
N 4 3/4 R 4 3/4
7 Point Opening
N 5 1/8 R 5 1/8
8 PR
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 1/2
Must not be less than 56" or more than 57" 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

JT WEM Mod. 09-15-09

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 2 Yard _____ WO # 2357401

Date: 5/3/16 Inspection Crew: M POLLARD T SCHISLER R NELSON G LAM A RABETTE

1 Location _____
2 Switch I.D. # 42 1B
3 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 1/2
52 Turnout Track 56 11/16
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 11/16 R 54 11/16
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 N/A
57 Turnout Track
(S) Y R N/A

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 7/8 R 1 7/8
Guard Rail Flangeway can not be less 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 ____ 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

Switch 42 IB **Date** 5/3/16 **WO #** 2352401

MICRO CRACKING / SHELLING LH ST. POINT BY #3 ROD
4 LOOSE SCREW SPIKES

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: Jamm Reaver Date: 5/4/16

Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard _____ WO # 2352399

Date: 5/3/16 Inspection Crew M POLLARD T SCHISLER R NELSON GLAM A RABETTE

1 Location _____
2 Switch I.D. # 42 1A
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" or greater than 5"
Min 3 1/2" on house top point protector
N 4 1/2 R 4 1/2
7 Point Opening
N 5 R 5
8 FR
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 3/8
11 Gage ahead of Bend 56 3/8
Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
a) Turnout 6 3/8
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

JP WEM Mod. 09-15-09

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 2 Yard _____ WO # 2352399

Date: 5/3/16 Inspection Crew: M POLLARD T SCHISLER R NELSON G LAM A RABETTE

1 Location _____
2 Switch I.D. # 42 1A
3 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
52 Turnout Track 56 5/8
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 3/4 R 54 3/4
Guard Rail Gage must 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 N/A
57 Turnout Track
(S) Y R N/A

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 7/8 R 1 7/8
Guard Rail Flangeway can not be less 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 ____ 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

Switch 42 IA **Date** 5/3/16 **WO #** 2352399

MICRO CRACKING – FROG
PITTED POINT – FROG
3 SHELLED SPOTS – FROG
PITTED THROAT
6 LOOSE SCREW SPIKES

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: Jam Reave **Date:** 5/4/16

Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard _____ WO # 2351882

Date: 5/3/16 Inspection Crew M POLLARD T SCHISLER R NELSON G LAY A RABETTE

1 Location _____
2 Switch I.D. # 30 30A
3 Facing X Trailing _____

Rail Points
4 Point to Point 51 11/16
5 Point Condition
S Y R
6 Point Throw Nothing less than 4" or greater than 5"
Min 3 1/2" on house top point protector
N 4 3/8 R 4 3/8
7 Point Opening
N 4 13/16 R 4 13/16
8 FR
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 3/4
Must not be less than 56" or more than 57" for "S"

Heel Spread in Inches
a) Turnout 6 3/8
a) Main 6 3/8

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

JF 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 1 2 Yard _____ WO # 2351882

Date: 5/3/16 Inspection Crew: M Pollard T Schisler R Nelson G Lam A Rabette

1 Location _____
2 Switch I.D. # 30 3A
3 Facing X Trailing _____
44 Frog Tread N S Y R
R S Y R
45 Frog # 10
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 5/8
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 9/16 R 54 3/4
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 9/16 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 N/A
57 Turnout Track
S Y R N/A

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 2 3/16 R 1 15/16
Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates
S Y R
63 Frog Plates
S Y R

Bolts
64 Loose 4 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 ____ 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

Switch 30 3A **Date** 5/3/16 **WO #** 235 1882

MICRO CRACKING LH STR POINT BY #3 ROD
4 LOOSE SCREW SPIKES

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: Jamie Kean Date: 5/4/16

Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard _____ WO # 2392094

Date: 5/4/16 Inspection Crew M POLLARD T SCHISLER G LAM A RABETTE

1 Location _____
2 Switch I.D. # 1151B
3 Facing X Trailing _____

Rail Points
4 Point to Point 51
5 Point Condition
S Y R
6 Point Throw Nothing less than 4" or greater than 5"
Min 3 1/2" on house top point protector
N 4 3/4 R 4 3/4
7 Point Opening
N 5 1/4 R 5 1/4
8 FR
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 3/4
11 Gage ahead of Bend 56 1/2
Must not be less than 56" or more than 57" 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

JP WEM Mod. 09-15-09

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 2 Yard _____ WO # 2392094

Date: 5/4/16 Inspection Crew: M Pollard T Schisler G Lam A Rabette

1 Location _____
2 Switch I.D. # 115 IB
3 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 2 1/16
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 9/16
52 Turnout Track 56 5/8
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 11/16 R 54 5/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 11/16 R 52 11/16
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 N/A
57 Turnout Track
S Y R N/A

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 7/8 R 1 7/8
Guard Rail Flangeway can not be less 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 ____ 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

Switch 115 1B **Date** 5/4/16 **WO #** 2392094

SHELLING BETWEEN #2 & #3 RODS
BATTERED FROG POINT

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: Jam Reum **Date:** 5/5/16

Mainline 1 2 Yard _____ WO # 2391688

Date: 5/4/16 Inspection Crew M POLLARD T SCHISLER G LAM A RABETTE

1 Location _____
2 Switch I.D. # 1153B
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" or greater than 5"
Min 3 1/2" on house top point protector
N 4 9/16 R 4 9/16
7 Point Opening
N 5 R 5
8 FR
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 5/16
11 Gage ahead of Bend 56 1/2
Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
a) Turnout 6 1/2
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
J WEM Mod. 09-15-09

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 2 Yard _____ WO # 2391689

Date: 5/4/16 Inspection Crew: M POLLARD T SCHISLER G LAM A RABETTE

1 Location _____
2 Switch I.D. # 115 3B
3 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 5 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 5/8
Gage must not be less than 56" for 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 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 N/A
57 Turnout Track
S Y R N/A

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 13/16 R 1 7/8
Guard Rail Flangeway can not be less 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 ____ 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

Switch 115 3B **Date** 5/4/16 **WO #** 2391699

No New Defects Noted

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: _____ Date: _____

Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard _____ WO # 2391711

Date: 5/4/16 Inspection Crew M POLLARD T SCHISLER GLAM A RABETTE

1 Location
2 Switch I.D. # 115 3A
3 Facing _____ Trailing X

Rail Points
4 Point to Point 51 5/8
5 Point Condition
S (Y) R
6 Point Throw Nothing less than 4" or greater than 5"
Min 3 1/2" on house top point protector
N 4 3/4 R 4 3/4
7 Point Opening
N 5 R 5
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 1/2
11 Gage ahead of Bend 56 5/8
Must not be less than 56" or more than 57" for "S"

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

JP 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 2 Yard _____ WO # 2391711

Date: 5/4/16 Inspection Crew: M POLLARD T SCHISLER GLAM A RABETTE

1 Location _____
2 Switch I.D. # 115 3A
3 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 5 1/2
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 13/16
52 Turnout Track 56 5/8
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 7/8 R 54 11/16
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
S Y R
55 Location of Guard Rail (Relation to Point)
S Y R

Guard Rail Clamps
56 Main Track
S Y R N/A
57 Turnout Track
S Y R N/A

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 note 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 13/16 R 1 7/8
Guard Rail Flangeway can not be less 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 ____ 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

Switch 115 3A **Date** 5/4/16 **WO #** 2391711

LH ST STOCK RAIL MICRO CRACKING/SHELLING
RH ST POINT SHELLED BETWEEN #3 ROD & HEEL

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: James Rewa **Date:** 5/5/16

Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard _____ WO # 2352435

Date: 5/4/16 Inspection Crew M POLLARD T SCHISLER GLAM A RABETTE

1 Location _____
2 Switch I.D. # 115 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" or greater than 5"
Min 3 1/2" on house top point protector
N 4 5/8 R 4 5/8
7 Point Opening
N 5 1/8 R 5 1/8
8 FR
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 5/8
11 Gage ahead of Bend 56 9/16
Must not be less than 56" or more than 57" 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 ___

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

J WEM Mod. 09-15-09

Mainline 1 2 Yard _____ WO # 2352435

Date: 5/4/16 Inspection Crew: M POLLARD T SCHISLER G LAM A RABETTE

1 Location _____
2 Switch I.D. # 115 IA
3 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 7/8
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 3/4
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 11/16 R 54 3/4
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 13/16 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 N/A
57 Turnout Track
(S) Y R N/A

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 7/8 R 1 7/8
Guard Rail Flangeway can not be less 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 ____ 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

Switch 115 1A **Date** 5/4/16 **WO #** 2352435

BATTERED POINT – FROG + PITTER
BATTERED THROAT AREA
MICRO CRACKING – MAIN NORTH WING RAIL

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: James Reaves **Date:** 5/5/16

Switch Inspection Report / Semi-Annual

Mainline (1) 2 Yard _____ WO # 2392096

Date: 5-5-2016 Inspection Crew Pollard Nelson Lam

1 Location
2 Switch I.D. # 179B
3 Facing ✓ Trailing _____

Rail Points
4 Point to Point 51 7/16
5 Point Condition
(S) Y R
6 Point Throw Nothing less than 4" or greater than 5"
Min 3 1/2" on house top point protector
N 4 15/16 R _____
7 Point Opening
N 5 1/4 R _____
8 PE
(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 9/16
11 Gage ahead of Bend 56 1/2
Must not be less than 56" or more than 57" for "S"

Heel Spread in Inches
a) Turnout 6 5/16
a) Main 6 3/4

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

Bolts
15 Loose 0 N/A
16 Missing 2 N/A

Rivets (Huck Bolts)
17 Loose _____ (N/A)
18 Missing _____ (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

JB/WEM Mod. 09-15-08

Mainline 1 2 Yard _____ WO # 2392096

Date: _____ Inspection Crew: _____

1 Location _____
2 Switch I.D. # 174B
3 Facing ✓ 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 5 1/16
50 Flangeway Depth _____
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
Guard Rail Gage N 54 3/8 R 54 5/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 3/8 R 53 1/8
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 N/A
57 Turnout Track
S Y R N/A

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 5/16 R 1 3/8
Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates
S Y R
63 Frog Plates
S Y R

Bolts
64 Loose 1 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

Switch _____ Date _____ WO # _____

Missing 2 Heel block Bolts

Ballast Need ~~two~~ East Rail

5 bad No. 9 ties

~~1 Frog~~ 1 missing Frog bolt 19"
1 Loose Frog bolt 19"

1 14" tie bad

Risored Frog worn ½"

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: Jamm Ream Date: 5/6/16

Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard _____ WO # 239 1695

Date: 5-5-2016 Inspection Crew Pollard Nelson Lam

1 Location
2 Switch I.D. # 1794
3 Facing _____ Trailing ✓

Rail Points
4 Point to Point 5 1 5/16
5 Point Condition
S Y R
6 Point Throw Nothing less than 4" or greater than 5"
Min 3 1/2" on house top point protector
N 4 1/2 R _____
7 Point Opening
N 4 7/8 R _____
S Y R
S Y R
8 General Condition of the Points
S Y R

Gage
10 Heel of Switch
a) Main 56 1/2
a) Turnout 56 3/16
11 Gage ahead of Bend 56 3/8
Must not be less than 56" or more than 57" for "S"

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 8 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

JPN/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 1 2 Yard _____ WO # _____

Date: _____ Inspection Crew: _____

1 Location _____
2 Switch I.D. # 1794
3 Facing _____ 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 2 1/4
50 Flangeway Depth _____
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 7/16
52 Turnout Track 56 9/16
Gage must not be less than 56" for 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 9/16 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 (N/A)
57 Turnout Track
S Y R (N/A)

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 7/8 R 1 7/8
Guard Rail Flangeway can not be less 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 (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

Switch _____ Date _____ WO # _____

1 Head block bad

5 bad 9' ties

No. 4 Rod pivot point moving up + down

3 bad No. 10 ties 2 bad No. 15

3 bad No. 11' ties

2 bad No. 12 ties

3 bad No. 13 ties

2 bad No. 14 ties

19 Bad screw spikes

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: James Reuter Date: 5/6/16