Mainline **Switch Inspection Report Semi-Annual** WO# 998882

Date 3/19/2013 **Inspection Crew** T Schisler, M Pollard, R Nelson

Watchman W Greenwood

1 Location Pepper

2 Switch I.D. # 887

3 Facing X Trailing ____

Rail Points

4 Point to Point 51 3/8

5 Point Condition

(S) Y R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw. **Min 3 1/2 inches on house top point protected**

N 4 7/8 R 4 7/8

6a Point Opening

N 5 R 5

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y R

Gage

Heel of Switch

9 Main 6 1/4

10 Turnout 6 3/8

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

Turnout 56 1/4

13 Main 56 3/8

Stock Rail

14 Bend

(S) Y R

15 Condition

(S) Y R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers (Ok) Broken ____ Missing ____

Remarks on page 3

GM JC 11-10-2011

22 Standard Joints

(S) Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A

Switch Rods

25 Front Rod

(S) Y R N/A

26 #1 Rod (Basket Rod)

(S) Y R

27 #2 Rod

(S) Y R

28 #3 Rod

(S) Y R N/A

29 #4 Rod

(S) Y R N/A

30 Closure Rail

(S) Y R

31 Surface of Switch

(S) Y R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4". For a R, Great than 13/4" is Out of Service

32 Head Block Ties

(S) Y R

33 Switch Adjustments

Yes (No)

34 Lubrication

Ok (Dry)

35 Switch Targets/Lamps

Ok Missing ____ (N/A)

36 Latches

(Ok) Broken ____ Missing ____

37 Locks

(Ok) Broken ____ Missing ____

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R N/A

50 Location _____
50a Switch I.D. # _____
51 Facing Trailing
52 Frog Tread N (S) Y R
R (S) Y R
53 Frog # 15
54/79 Point Condition
(S) Y R
55 Condition of Frog
(S) Y R
56 Surface of Frog
(S) Y R

57 Throat in Inches 2 3/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 ½"
Gage
58 Main Track 56 1/2
59 Turnout Track 56 1/2
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 54 9/16 R 54 5/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 3/4 R 52 11/16
Back to Back Gage must be less than 53 1/8"
62 Condition
(S) Y R
63 Location of Guard Rail (Relation to Point)
(S) Y R
Guard Rail Clamps
64 Main Track
S Y R (N/A)
65 Turnout Track
S Y R (N/A)

Class 1 Gage 56" to 57 ½"
More than 57 ½" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 ¼" downgrade to Class 2 and gets a Y

Remarks on page 3

GM/JC 11-10-2011

Turnout Ties
66 Condition
(S) Y R N/A
67 Rail Movement
(S) Y R N/A
Tie Plates
68 Lead
(S) Y R N/A
69 Guard Rail Flangeway
(S) Y R N 1 7/8 R 1 7/8
Guard Rail Flangeway can not be less 1 ½"
70 Guard Rail Plates
(S) Y R N/A
71 Frog Plates
(S) Y R N/A

Bolts
73 Loose 1 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 N/A
77 Nuts Missing 0 N/A
78 Cotter Pins Missing 0 N/A
79 Washers Ok Broken 2 Missing ___ N/A

80 Hold Down Devices
(S) Y R N/A
81 Spring Housing
S Y R (N/A)
82 Derails
S Y R (N/A)
83 **Maximum difference** in any 31' in **Cross Level** on the siding from the Frog Point to 50' beyond the last long tie
(Ok) Difference _____

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

Remarks

2 BROKEN LOCK WASHER
1 LOOSE BOLT — GUARD RAIL

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: M Boyle Date: 3-20-13

Mainline **Switch Inspection Report Semi-Annual** WO# 999005

Date 3/19/2013 **Inspection Crew** M POLLARD, T SCHISLER, R NELSON

Watchman W GREENWOOD

1 Location WARREN

2 Switch I.D. # 770

3 Facing ____ Trailing X

Rail Points

4 Point to Point 51 3/8

5 Point Condition

S Y R **Nothing less than 4 inches or greater than 5 inches.**

6 Point Throw. **Min 3 1/2 inches on house top point protected**

N ____ R 4 7/8

6a Point Opening

N ____ R 5 1/8

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y R

Gage

Heel of Switch

9 Main 56 11/16

10 Turnout 56 1/2

11 Gage ahead of Bend 56 9/16

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/2

13 Main 6 1/16

Stock Rail

14 Bend

(S) Y R

15 Condition

(S) Y R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers (Ok) Broken ____ Missing ____

Remarks on page 3

GM JC 11-10-2011

22 Standard Joints

(S) Y R N/A

23 Switch Plates

(S) Y R

24 Adjustable Braces

(S) Y R N/A

24a Non-Adjustable Braces

S Y R (N/A)

Switch Rods

25 Front Rod

(S) Y R N/A

26 #1 Rod (Basket Rod)

(S) Y R

27 #2 Rod

(S) Y R

28 #3 Rod

(S) Y R N/A

29 #4 Rod

S Y R (N/A)

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4". For a R, Great than 13/4" is Out of Service

32 Head Block Ties

(S) Y R

33 Switch Adjustments

Yes (No)

34 Lubrication

Ok (Dry)

35 Switch Targets/Lamps

Ok Missing ____ (N/A)

36 Latches

(Ok) Broken ____ Missing ____

37 Locks

(Ok) Broken ____ Missing ____

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R N/A

50 Location _____
50a Switch I.D. # _____
51 Facing Trailing
52 Frog Tread N (S) Y R
R (S) Y R
53 Frog # 8
54/79 Point Condition
(S) Y R
55 Condition of Frog
(S) Y R
56 Surface of Frog
(S) Y R

57 Throat in Inches 3 1/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 ½"
Gage
58 Main Track 56 3/8
59 Turnout Track 56 7/16
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 54 7/16 R 54 9/16
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 11/16 R 52 11/16
Back to Back Gage must be less than 53 1/8"
62 Condition
(S) Y R
63 Location of Guard Rail (Relation to Point)
(S) Y R
Guard Rail Clamps
64 Main Track
S Y R (N/A)
65 Turnout Track
S Y R (N/A)

Class 1 Gage 56" to 57 ½"
More than 57 ½" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 ¼" downgrade to Class 2 and gets a Y

Remarks on page 3

GM/JC 11-10-2011

Turnout Ties
66 Condition
(S) Y R N/A
67 Rail Movement
(S) Y R N/A
Tie Plates
68 Lead
(S) Y R N/A
69 Guard Rail Flangeway
(S) Y R N 1 7/8 R 1 7/8
Guard Rail Flangeway can not be less 1 ½"
70 Guard Rail Plates
(S) Y R N/A
71 Frog Plates
(S) Y R N/A

Bolts
73 Loose 0 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 **N/A**
77 Nuts Missing 0 N/A
78 Cotter Pins Missing 0 **N/A**
79 Washers (Ok) Broken___ Missing___ N/A

80 Hold Down Devices
S Y R (N/A)
81 Spring Housing
S Y R (N/A)
82 Derails
(S) Y R N/A
83 **Maximum difference** in any 31' in **Cross Level** on the siding from the Frog Point to 50' beyond the last long tie
(Ok) Difference_____

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

Remarks

1 BROKEN LOCKWASHER LEFT GUARD RAIL
DERAIL FLAG NEEDS REPAINT
1 ROTTED 12' TIMBER – MAIN
1 " 8'-6" SIDING

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: M Boyle Date: 3-19-2013

Mainline **Switch Inspection Report Semi-Annual** WO# 998884

Date 3/19/2013 **Inspection Crew** M Pollard, T Schisler, R Nelson
Watchman W Greenwood
1 Location Gilroy
2 Switch I.D. # 837
3 Facing ____ Trailing X

Rail Points
4 Point to Point 51 11/16
5 Point Condition
S Y R **Nothing less than 4 inches or greater than 5 inches.**
6 Point Throw. **Min 3 1/2 inches on house top point protected**
N 4 5/8 R 4 9/16
6a Point Opening
N 5 1/8 R 5 1/8
7 Fit
(S) Y R
8 General Condition of the Points
(S) Y R

Gage
Heel of Switch
9 Main 56 1/2
10 Turnout 56 5/8
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
Turnout 6 1/4
13 Main 6 3/16

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

Bolts
16 Loose 0 N/A
17 Missing 0 N/A

Rivets (Huck Bolts)
18 Loose 0 N/A
19 Missing 0 N/A
20 Cotter Pins Missing 0 N/A
21 Jam Nuts Loose 0 N/A
21a Washers (Ok) Broken ____ Missing ____

Remarks on page 3
GM JC 11-10-2011

22 Standard Joints
(S) Y R N/A
23 Switch Plates
(S) Y R
24 Adjustable Braces
(S) Y R N/A
24a Non-Adjustable Braces
S Y R (N/A)

Switch Rods
25 Front Rod
(S) Y R N/A
26 #1 Rod (Basket Rod)
(S) Y R
27 #2 Rod
(S) Y R
28 #3 Rod
(S) Y R N/A
29 #4 Rod
(S) Y R N/A
30 Closure Rail
(S) Y R
31 Surface of Switch
(S) Y R
Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4". For a R, Great than 13/4" is Out of Service
32 Head Block Ties
(S) Y R
33 Switch Adjustments
Yes (No)
34 Lubrication
Ok (Dry)
35 Switch Targets/Lamps
Ok Missing ____ (N/A)
36 Latches
(Ok) Broken ____ Missing ____
37 Locks
(Ok) Broken ____ Missing ____
38 General Condition
(S) Y R
39 Insulated Joints
(S) Y R
39a Regular Joints
(S) Y R N/A

50 Location _____
50a Switch I.D. # _____
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog # 10
54/79 Point Condition
S Y R
55 Condition of Frog
S Y R
56 Surface of Frog
S Y R

57 Throat in Inches 3 3/8
72 Flangeway Depth _____
Flangeway Depth must not be less than 1 ½"
Gage
58 Main Track 56 9/16
59 Turnout Track 56 1/2
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 54 11/16 R 54 5/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 7/8 R 52 3/4
Back to Back Gage must be less than 53 1/8"
62 Condition
S Y R
63 Location of Guard Rail (Relation to Point)
S Y R
Guard Rail Clamps
64 Main Track
S Y R N/A
65 Turnout Track
S Y R N/A

Class 1 Gage 56" to 57 ½"
More than 57 ½" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 ¼" downgrade to Class 2 and gets a Y

Remarks on page 3

GM/JC 11-10-2011

Turnout Ties
66 Condition
S Y R N/A
67 Rail Movement
S Y R N/A
Tie Plates
68 Lead
S Y R N/A
69 Guard Rail Flangeway
S Y R N 1 7/8 R 1 7/8
Guard Rail Flangeway can not be less 1 ½"
70 Guard Rail Plates
S Y R N/A
71 Frog Plates
S Y R N/A

Bolts
73 Loose 3 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 N/A
77 Nuts Missing 0 N/A
78 Cotter Pins Missing 0 N/A
79 Washers Ok Broken___ Missing___ N/A

80 Hold Down Devices
S Y R N/A
81 Spring Housing
S Y R N/A
82 Derails
S Y R N/A
83 **Maximum difference** in any 31' in **Cross Level** on the siding from the Frog Point to 50' beyond the last long tie
Ok Difference_____

84 Condition of Line thru entire turnout
S Y R

Remarks

SWITCH POINTS (MACHINE SIDE) DOWN 11/16"
2 LOOSE SCREW SPIKES
1 MISSING " "
CURVED STOCKRAIL - GROOVE WORN IN POINT AREA ALONG WITH POINT

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [signature] Date: 3-20-13

Mainline **Switch Inspection Report Semi-Annual** **WO#** 999007

Date 3-21-2013 **Inspection Crew** Greenwood - Nelson
Watchman Pollard
1 Location
2 Switch I.D. # 760
3 Facing ✓ Trailing

Rail Points
4 Point to Point 50 5/8
5 Point Condition
S Y R
6 Point Throw, **Nothing less than 4 inches or greater than 5 inches. Min 3 1/2 inches on house top point protected**
N 5 1/4 R 5 1/4
6a Point Opening
N 5 13/16 R 5 13/16
7 Fit
(S) Y R
8 General Condition of the Points
(S) Y R

Gage
Heel of Switch
9 Main 56 7/16
10 Turnout 56 1/4
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
Turnout 6 1/4
13 Main 6

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

Bolts
16 Loose 0 N/A
17 Missing 0 N/A

Rivets (Huck Bolts)
18 Loose 0 N/A
19 Missing 0 N/A
20 Cotter Pins Missing 0 N/A
21 Jam Nuts Loose 0 N/A
21a Washers (Ok) Broken____ Missing____

Remarks on page 3
GMJC 11-10-2011

22 Standard Joints
S Y R N/A
23 Switch Plates
S Y R
24 Adjustable Braces
S (Y) R N/A
24a Non-Adjustable Braces
S Y R N/A

Switch Rods
25 Front Rod
(S) Y R N/A
26 #1 Rod (Basket Rod)
(S) Y R
27 #2 Rod
(S) Y R
28 #3 Rod
S Y R (N/A)
29 #4 Rod
S Y R (N/A)
30 Closure Rail
(S) Y R
31 Surface of Switch
(S) Y R
Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4" For a R, Great than 13/4" is Out of Service
32 Head Block Ties
(S) Y R
33 Switch Adjustments
Yes (No)
34 Lubrication
(Ok) Dry
35 Switch Targets/Lamps
Ok Missing____ (N/A)
36 Latches
(Ok) Broken____ Missing____
37 Locks
(Ok) Broken____ Missing____
38 General Condition
(S) Y R
39 Insulated Joints
(S) Y R
39a Regular Joints
S Y R

Mainline

Frog Inspection Report Semi-Annual

50 Location _____
50a Switch I.D. # 760
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog # 6
54/79 Point Condition
S Y R
55 Condition of Frog
S Y R
56 Surface of Frog
S Y R

57 Throat in Inches 3 1/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 ½"
Gage
58 Main Track 56 3/16
59 Turnout Track 56 4/16
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 54 5/8 R 54 9/16
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 3/8 R 52 3/8
Back to Back Gage must be less than 53 1/8"
62 Condition
S Y R
63 Location of Guard Rail (Relation to Point)
S Y R
Guard Rail Clamps
64 Main Track
S Y R N/A
65 Turnout Track
S Y R N/A

Class 1 Gage 56" to 57 ½"
More than 57 ½" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 ¼" downgrade to Class 2 and gets a Y

Turnout Ties
66 Condition
S Y R N/A
67 Rail Movement
S Y R N/A
Tie Plates
68 Lead
S Y R N/A
69 Guard Rail Flangeway
S Y R N 2 R 1 3/4
Guard Rail Flangeway can not be less 1 ½"
70 Guard Rail Plates
S Y R N/A
71 Frog Plates
S Y R N/A

Bolts
73 Loose _____ N/A
74 Missing _____ N/A

Rivets (Huck)
75 Loose _____ N/A
76 Missing _____ N/A
77 Nuts Missing _____ N/A
78 Cotter Pins Missing _____ N/A
79 Washers Ok Broken___ Missing___ N/A

80 Hold Down Devices
S Y R N/A
81 Spring Housing
S Y R N/A
82 Derails
S Y R N/A
83 **Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond the last long tie**
Ok Difference_____

84 Condition of Line thru entire turnout
S Y R

Remarks on page 3

GM/JC 11-10-2011

Remarks

6 Loose Braces

Frog rail turnout side track all the way
5 tie in Front of switch are pumping

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: M Boyle Date: 3-22-13

Mainline TK1 **Switch Inspection Report Semi-Annual** **WO#** 999018

Date 3-21-2013 **Inspection Crew** Greenwood - Nelson

Watchman Pollard

1 Location _____

2 Switch I.D. # 758

3 Facing _____ Trailing —

Rail Points

4 Point to Point 51 5/8

5 Point Condition

S Y R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw, **Min 3 1/2 inches on house top point protected**

N 4 9/16 R 4 3/8

6a Point Opening

N 4 7/8 R 4 15/16

7 Fit

S Y R

8 General Condition of the Points

S Y R

Gage

Heel of Switch

9 Main 56 1/2

10 Turnout 56 7/16

11 Gage ahead of Bend 56 9/16

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 3/8

13 Main 6 1/4

Stock Rail

14 Bend

S Y R

15 Condition

S Y R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers Ok Broken____ Missing____

Remarks on page 3

GMJC 11-10-2011

101

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A

Switch Rods

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4" For a R, Great than 13/4" is Out of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing____ N/A

36 Latches

Ok Broken____ Missing____

37 Locks

Ok Broken____ Missing____

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R

Mainline

Frog Inspection Report Semi-Annual

50 Location _____
50a Switch I.D. # 78
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog # 8
54/79 Point Condition
S Y R
55 Condition of Frog
S Y R
56 Surface of Frog
S Y R

57 Throat in Inches 3 1/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 ½"
Gage
58 Main Track 56 1/16
59 Turnout Track 56 5/16
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 54 3/4 R 54 7/16
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 7/8 R 52 5/8
Back to Back Gage must be less than 53 1/8"
62 Condition
S Y R
63 Location of Guard Rail (Relation to Point)
S Y R
Guard Rail Clamps
64 Main Track
S Y R N/A
65 Turnout Track
S Y R N/A

Class 1 Gage 56" to 57 ½"
More than 57 ½" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 ¼" downgrade to Class 2 and gets a Y

Remarks on page 3

GM/JC 11-10-2011

Turnout Ties
66 Condition
S Y R N/A
67 Rail Movement
S Y R N/A
Tie Plates
68 Lead
S Y R N/A
69 Guard Rail Flangeway
S Y R N 1 1/16 R 1 15/16
Guard Rail Flangeway can not be less 1 ½"
70 Guard Rail Plates
S Y R N/A
71 Frog Plates
S Y R N/A

Bolts
73 Loose 0 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 N/A
77 Nuts Missing 0 N/A
78 Cotter Pins Missing 0 N/A
79 Washers Ok Broken___Missing___ N/A

80 Hold Down Devices
S Y R N/A
81 Spring Housing
S Y R N/A
82 Derails
S Y R N/A

83 **Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond the last long tie**
Ok Difference 1/8"

84 Condition of Line thru entire turnout
S Y R

Remarks

10' rotted tie

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: M. Boyle Date: 3-22-13

Mainline **Switch Inspection Report Semi-Annual** WO# 99903d

Date 3-21-2013 **Inspection Crew** Greenwood - Nelson
Watchman Pollard
1 Location
2 Switch I.D. # 758 B
3 Facing _____ Trailing _____

Rail Points
4 Point to Point 52 3/16
5 Point Condition
S Y R
6 Point Throw, **Nothing less than 4 inches or greater than 5 inches. Min 3 1/2 inches on house top point protected**
N 4 R 4
6a Point Opening
N 4 1/4 R 4 1/8
7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
Heel of Switch
9 Main 56 3/4
10 Turnout 56 1/2
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
Turnout 6 1/2
13 Main 6 1/4

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

Bolts
16 Loose 0 N/A
17 Missing 0 N/A

Rivets (Huck Bolts)
18 Loose 0 N/A
19 Missing 0 N/A
20 Cotter Pins Missing 0 N/A
21 Jam Nuts Loose 0 N/A
21a Washers Ok Broken____ Missing____

Remarks on page 3
GM JC 11-10-2011

22 Standard Joints
S Y R N/A
23 Switch Plates
S Y R
24 Adjustable Braces
S Y R N/A
24a Non-Adjustable Braces
S Y R N/A

Switch Rods
25 Front Rod
S Y R N/A
26 #1 Rod (Basket Rod)
S Y R
27 #2 Rod
S Y R
28 #3 Rod
S Y R N/A
29 #4 Rod
S Y R N/A
30 Closure Rail
S Y R
31 Surface of Switch
S Y R
Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4" For a R, Great than 13/4" is Out of Service
32 Head Block Ties
S Y R
33 Switch Adjustments
Yes No
34 Lubrication
Ok Dry
35 Switch Targets/Lamps
Ok Missing____ N/A
36 Latches
Ok Broken____ Missing____
37 Locks
Ok Broken____ Missing____
38 General Condition
S Y R
39 Insulated Joints
S Y R
39a Regular Joints
S Y R

Mainline

Frog Inspection Report Semi-Annual

50 Location _____
50a Switch I.D. # 758 R
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog # 8
54/79 Point Condition
S Y R
55 Condition of Frog
S Y R
56 Surface of Frog
S Y R

57 Throat in Inches 3 3/8
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 ½"
Gage
58 Main Track 56 5/8
59 Turnout Track 56 9/16
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 54 3/4 R 54 9/16
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 7/8 R 52 3/4
Back to Back Gage must be less than 53 1/8"
62 Condition
S Y R
63 Location of Guard Rail (Relation to Point)
S Y R
Guard Rail Clamps
64 Main Track
S Y R N/A
65 Turnout Track
S Y R N/A

Class 1 Gage 56" to 57 ½"
More than 57 ½" Out of Service
Class 3 Gage 56" to 57"
More than 57" to 57 ¼" downgrade to Class 2 and gets a Y

Remarks on page 3

GM/JC 11-10-2011

Turnout Ties
66 Condition
S Y R N/A
67 Rail Movement
S Y R N/A
Tie Plates
68 Lead
S Y R N/A
69 Guard Rail Flangeway
S Y R N 1 7/8 R 2
Guard Rail Flangeway can not be less 1 ½"
70 Guard Rail Plates
S Y R N/A
71 Frog Plates
S Y R N/A

Bolts
73 Loose 0 N/A
74 Missing 0 N/A

Rivets (Huck)
75 Loose 0 N/A
76 Missing 0 N/A
77 Nuts Missing 0 N/A
78 Cotter Pins Missing 0 N/A
79 Washers Ok Broken___ Missing___ N/A

80 Hold Down Devices
S Y R N/A
81 Spring Housing
S Y R N/A
82 Derails
S Y R N/A
83 **Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond the last long tie**
Ok Difference_____

84 Condition of Line thru entire turnout
S Y R

Remarks

12 Loose screw spikes 2 missing
0 rotted 9' tie

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: M Boyt Date: 3-22-13