

N.A. 19

Mainline

Switch Inspection Report Semi-Annual

WO# 1124787

Page 1 of 3

Date 6/17/2013

Inspection Crew T. SCHISLER, W. BRYANT, GLAM

Watchman _____

1 Location NORTH AVE YARD

2 Switch I D. # 19

3 Facing Trailing

Rail Points

4 Point to Point 51 1/4

5 Point Condition

Y R

6 Point Throw. Nothing less than 4 inches or greater than 5 inches.

N 5 1/4 R 5 1/8

6a Point Opening

N 5 1/2 R 5 9/16

7 Fit

Y R

8 General Condition of the Points

Y R

Gage

Heel of Switch

9 Main 56 3/4

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 1/4

Stock Rail

14 Bend

Y R

15 Condition

Y R

Bolts

16 Loose N/A

17 Missing N/A

Rivets (Huck Bolts)

18 Loose N/A

19 Missing N/A

20 Cotter Pins Missing N/A

21 Jam Nuts Loose N/A

21a Washers Broken Missing

Remarks on page 3

GM 10 11-10-2011

22 Standard Joints

Y R N/A

23 Switch Plates

Y R

24 Adjustable Braces

Y R N/A

24a Non-Adjustable Braces

S Y R N/A

Switch Rods

25 Front Rod

Y R N/A

26 #1 Rod (Basket Rod)

Y R

27 #2 Rod

Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

Y R

31 Surface of Switch

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

Y R

33 Switch Adjustments

Yes No

34 Lubrication

Dry

35 Switch Targets/Lamps

Missing N/A

36 Hatches

Broken Missing

37 Locks

Broken Missing

38 General Condition

Y R

39 Insulated Joints

Y R

39a Regular Joints

Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N Y R
R Y R

53 Frog # _____

54/79 Point Condition

Y R

55 Condition of Frog

Y R

56 Surface of Frog

Y R

57 Throat in Inches 3 1/4

72 Flangeway Depth 1 1/8

Flangeway Depth must not be less than 1 1/2"

Gage

58 Main Track 56 5/8

59 Turnout Track 56 7/8

Gage must not be less than 56" any class

Guard Rails

60 Guard Rail Gage N 54 3/4 R 54 5/8

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 3/4 R 52 3/4

Back to Back Gage must be less than 53 1/8"

62 Condition

Y R

63 Location of Guard Rail (Relation to Point)

Y R

Guard Rail Clamps

64 Main Track

Y R N/A

65 Turnout Track

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

Remarks on page 3

Turnout Ties

66 Condition

Y R N/A

67 Rail Movement

Y R N/A

Tie Plates

68 Lead

Y R N/A

69 Guard Rail Flangeway

Y R N 1 5/16 R 1 3/4

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

Y R N/A

71 Frog Plates

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 Broken 0 Missing 0 N/A

80 Hold Down Devices

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**

Difference _____

84 Condition of Line thru entire turnout

Y R

Remarks

3 TIES IN A ROW BAD 1-10'
2-11'

PITTED POINT ON FROG & THROAT AREA

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:



Date:

8-19 13

N.A. 21

Mainline

Switch Inspection Report Semi-Annual

WO# 1124789

Date 8/17/2013

Inspection Crew T SCHISLER, W BRYANT, G LAM

Watchman

1 Location NORTH AVE YARD

2 Switch I D # 21

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 3/4

6a Point Opening

N 5 1/4 R 5 1/4

7 Fit

S Y R

8 General Condition of the Points

S Y R

Gage

Heel of Switch

9 Main 56 5/8

10 Turnout 56 3/8

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

Turnout 6 1/4

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

GMIC 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 1 3/4" 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

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N Y R
R Y R

53 Frog #

54/79 Point Condition

Y R

55 Condition of Frog

Y R

56 Surface of Frog

Y R

57 Throat in Inches 3 1/4

72 Flangeway Depth 1 5/16

Flangeway Depth must not be less than 1 1/2"

Gage

58 Main Track 56 1/2

59 Turnout Track 56 3/4

Gage must not be less than 56" any class

Guard Rails

60 Guard Rail Gage N 54 3/4 R 54 5/8

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 3/4 R 52 5/8

Back to Back Gage must be less than 53 1/8"

62 Condition

Y R

63 Location of Guard Rail (Relation to Point)

Y R

Guard Rail Clamps

64 Main Track

Y R N/A

65 Turnout Track

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

Remarks on page 3

Turnout Ties

66 Condition

Y R N/A

67 Rail Movement

Y R N/A

Tie Plates

68 Lead

Y R N/A

69 Guard Rail Flangeway

Y R N 1 7/8 R 1 7/8

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

Y R N/A

71 Frog Plates

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 Broken 0 Missing 0 N/A

80 Hold Down Devices

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

Difference _____

84 Condition of Line thru entire turnout

Y R

Remarks

[Lined area for handwritten remarks]

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: 8-19-13

N.A. # 11

Mainline

Switch Inspection Report Semi-Annual

WO# 1124687

Page 1 of 3

Date 8/17/2013

Inspection Crew T. SCHISLER, W. BRYANT, G. LAM

Watchman

1 Location NORTH AVE YARD

2 Switch I D # 11

3 Facing X Trailing

Rail Points

4 Point to Point 51 1/2

5 Point Condition

(S) Y R

6 Point Throw. Min 3 1/2 inches or greater than 5 inches.

N 4 5/8 R 4 3/4

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 5/8

10 Turnout 56 5/8

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

Turnout 6 1/4

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 (N/A)

19 Missing (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/R 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 1 3/4" 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 (N/A)

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N Y R

R Y R

53 Frog # 6

54/79 Point Condition

Y R

55 Condition of Frog

Y R

56 Surface of Frog

Y R

57 Throat in Inches 3 1/4

72 Flangeway Depth 1 7/8

Flangeway Depth must not be less than 1 1/2"

Gage

58 Main Track 56 9/16

59 Turnout Track 56 7/8

Gage must not be less than 56" any class

Guard Rails

60 Guard Rail Gage N 54 1/2 R 54 3/4

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 1/2 R 52 1/4

Back to Back Gage must be less than 53 1/8"

62 Condition

Y R

63 Location of Guard Rail (Relation to Point)

Y R

Guard Rail Clamps

64 Main Track

Y R N/A

65 Turnout Track

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

Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

Y R N/A

67 Rail Movement

Y R N/A

Tie Plates

68 Lead

Y R N/A

69 Guard Rail Flangeway

Y R N 2 R 2

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

Y R N/A

71 Frog Plates

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 Broken 0 Missing 0 N/A

80 Hold Down Devices

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

Difference _____

84 Condition of Line thru entire turnout

Y R

Remarks

STARTING TO SHOW CURVE WEAR

1 BROKEN HEEL BLOCK BOLT - EAST HEEL BLOCK BOLT - 12"
WHEEL BURN & SPOTS, EAST STRAIGHT STOCK RAIL

SIDE WEAR FRDG, PITTED POINT & THROAT AREA

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:



Date:

8-19-13

N.A. # 13

Mainline

Switch Inspection Report Semi-Annual

WO# 1124689

Page 1 of 3

Date 8/17/2013

Inspection Crew T. SCHISLER, W. BRYANT, G. LAM

Watchman

1 Location NORTH AVE YARD

2 Switch I D # 13

3 Facing X Trailing

Rail Points

4 Point to Point 51 3/4

5 Point Condition

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 3/4 R 4 3/4

6a Point Opening

N 5 1/8 R 5 1/4

7 Fit

Y R

8 General Condition of the Points

Y R

Gage

Heel of Switch

9 Main 56 3/4

10 Turnout 56 3/4

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

Turnout 6 1/8

13 Main 6 1/8

Stock Rail

14 Bend

Y R

15 Condition

Y R

Bolts

16 Loose N/A

17 Missing N/A

Rivets (Huck Bolts)

18 Loose N/A

19 Missing N/A

20 Cotter Pins Missing N/A

21 Jam Nuts Loose N/A

21a Washers Broken Missing

Remarks on page 3

GM/IC 11-10-2011

22 Standard Joints

Y R N/A

23 Switch Plates

Y R

24 Adjustable Braces

Y R N/A TDS

24a Non-Adjustable Braces

Y R N/A

Switch Rods

25 Front Rod

Y R N/A

26 #1 Rod (Basket Rod)

Y R

27 #2 Rod

Y R

28 #3 Rod

Y R N/A

29 #4 Rod

Y R N/A

30 Closure Rail

Y R

31 Surface of Switch

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 1 3/4" is Out of Service

32 Head Block Ties

Y R

33 Switch Adjustments

Yes No

34 Lubrication

Dry

35 Switch Targets/Lamps

Missing N/A

36 Latches

Broken Missing

37 Locks

Broken Missing

38 General Condition

Y R

39 Insulated Joints

Y R

39a Regular Joints

Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N Y R

R Y R

53 Frog # 6

54/79 Point Condition

Y R

55 Condition of Frog

Y R

56 Surface of Frog

Y R

57 Throat in Inches 3/4

72 Flangeway Depth 1 1/4

Flangeway Depth must not be less than 1 1/2"

Gage

58 Main Track 56 1/2

59 Turnout Track 56 3/4

Gage must not be less than 56" any class

Guard Rails

60 Guard Rail Gage N 54 1/2 R 54 3/4

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 9/16 R 52 5/8

Back to Back Gage must be less than 53 1/8"

62 Condition

Y R

63 Location of Guard Rail (Relation to Point)

Y R

Guard Rail Clamps

64 Main Track

Y R N/A

65 Turnout Track

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

Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

Y R N/A

67 Rail Movement

Y R N/A

Tie Plates

68 Lead

Y R N/A

69 Guard Rail Flangeway

Y R N 2 R 1 1/8

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

Y R N/A

71 Frog Plates

Y R N/A

Bolts

73 Loose 0 N/A

74 Missing 6 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 Broken 0 Missing 0 N/A

80 Hold Down Devices

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

Difference _____

84 Condition of Line thru entire turnout

Y R

Remarks

SIDE WEAR ON Frog POINT
PITTED 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:



Date:

8-19-13