Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 169 7727

Date: 11/9/2014 **Inspection Crew** B. Pancake M. Alchin W. Bryant

1 Location NURSERY
2 Switch I.D. # 269-3B
3 Facing _____ Trailing ✓

Rail Points

4 Point to Point 51 3/4
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 N/A R 4 5/16
7 Point Opening
N N/A R 4 3/4
8 Fit
(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 1/4
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 5/16
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
Washers (OK) Broken 0 Missing 0

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 0 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

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697727

Date: 11/4/2014 **Inspection Crew:** B. Panuska M. Alchin W. Bryant

1 Location Nursery
2 Switch I.D. # 269 3-B
3 Facing _____ 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 3/16
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 3/16
52 Turnout Track 56 1/16
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 5/16 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 7/4 R 1 3/4
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 8 N/A
65 Missing 8 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 0 Missing 0

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 269 3B Date 11/9/14 WO # 1697727

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: M Boykin Date: 11-12-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697718

Date: 11/9/2014 **Inspection Crew** B. Parusker M. Alchin W. Bryant

1 Location NURSERY
2 Switch I.D. # 269-1-B
3 Facing ✓ Trailing _____

Rail Points
4 Point to Point 51 9/16
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 N/A R 4 5/8
7 Point Opening
N N/A R 5
8 Fit
(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 5/8
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 5/16
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
20 Jam Nuts Loose 0 N/A
21 Washers (OK) Broken 0 Missing 0

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 0 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

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697718

Date: 11/9/2014 **Inspection Crew:** B. Panuska M. Alchin W. Bryant

1 Location Nursery
2 Switch I.D. # 269 1-B
3 Facing ✓ 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 1/4
50 Flangeway Depth 1 3/4
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 3/4 R 54 13/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 3/4 R 52 7/16
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 13/16 R 1 3/4
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 0 Missing 0

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 269 1B Date 11/9/14 WO # 1697718

Frog point battered

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: M. Boyle Date: 11-12-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697725

Date: 11/9/2014 **Inspection Crew** B. Pawska W. Bryant M. Alchin

1 Location NURSERY
2 Switch I.D. # 269-3A
3 Facing _____ Trailing _____ ✓

Rail Points
4 Point to Point 51 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 N/A R 4 5/8
7 Point Opening
N N/A R 5
8 Fit
(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 1/8
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 1/2

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 _____ N/A
19 Cotter Pins missing 0 N/A
20 Jam Nuts Loose 0 N/A
21 Washers (OK) Broken 0 Missing 0

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 0 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

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697725

Date: 11/9/2014 **Inspection Crew:** B. Parsons C. Bryant M. Alchin

1 Location Nursery
2 Switch I.D. # 269 3-A
3 Facing _____ 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 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 7/16 R 54 5/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 7/16 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 0 Missing 0

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 2693A Date 11/9/14 WO # 1697725

Frog point battered

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: M. Boyt Date: 11-12-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697716

Date: 11/9/2014 **Inspection Crew** B. Panuska M. Alchin W. Bryant

1 Location NURSERY
2 Switch I.D. # 269-1A
3 Facing ✓ Trailing _____

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 5"**
Min 3 1/2 " on house top point protector
N N/A R 4 5/8
7 Point Opening
N N/A R 4 7/8
8 Fit
(S) Y R
9 General Condition of the Points
(S) Y R

Gage
10 Heel of Switch
a) Main 56 1/2
a) Turnout 56 7/16
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 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
Washers (OK) Broken 0 Missing 0

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 0 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

Remarks on Page 3

JBW/WEM Mod. 09-15-08

Mainline 1 2 **Yard** _____ **WO #** 1697716

Date: 11/9/2014 **Inspection Crew:** B. Paruska M. Alch n W. Bagant

1 Location Nursery
2 Switch I.D. # 269-1A
3 Facing ✓ 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 1/4
50 Flangeway Depth 1 15/16
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
53 Guard Rail Gage N 54 1/2 R 54 5/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 1/2 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

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 Gurad Rail Flangeway
S Y R N 1 15/16 R 1 3/4
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 0 Missing 0

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

Switch 269 1-A Date 11/9/14 WO # 1697716

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: M. Bayt Date: 11-12-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697749

Date: 11/9/2014 **Inspection Crew** B. Panuska M. Alchin W. Bryant

1 Location B-Highlands
2 Switch I.D. # 208-3B
3 Facing _____ 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 N/A R 4 5/8
7 Point Opening
N N/A R 5
8 Fit
(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 1/4
Gage ahead of Bend 56 5/16
Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
a) Turnout 6 5/16
a) Main 6 7/16

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
2 Washers (OK) Broken 0 Missing 0

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 0 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

Remarks on Page 3

JBW/WEM Mod. 09-15-08

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697749

Date: 11/9/2014 **Inspection Crew:** B. Parusla M. Alchin W. Bryant

1 Location B. Highlands
2 Switch I.D. # 208 3B
3 Facing _____ 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 3/4
50 Flangeway Depth 1 13/16
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 1/2
52 Turnout Track 56 5/8
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 5/8 R 54 5/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 5/8 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 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 Gurad Rail Flangeway
S Y R N 1 3/4 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 0 Missing 0

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

Switch 208 3B Date 11/9/14 WO # 1697749

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: M. Boyt Date: 11-12-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697753

Date: 11/9/2014 **Inspection Crew** B. Pancoka M. Alchin W. Bryant

1 Location B Highlands
2 Switch I.D. # 208-1B
3 Facing ✓ 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 N/A R 4 5/8
7 Point Opening
N N/A R 5
8 Fit
(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 7/16
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 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
Washers (OK) Broken 0 Missing 0

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 0 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

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697753

Date: 11/9/2014 **Inspection Crew:** B. Paruska M. Alchin W. Bryant

1 Location B- Highlands
2 Switch I.D. # 208 1B
3 Facing ✓ Trailing _____
44 Frog Tread N S Y R
R S Y R
45 Frog # 16
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 1/4
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 3/4
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 5/8 R 54 13/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 5/8 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 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 0 Missing 0

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 208 1B Date 11/9/14 WO # 1697753

Frog point battered

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: M. Boyle Date: 11-12-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697751

Date: 11/9/2014 **Inspection Crew** B. Panuska M. Alchin W. Bryant

1 Location B-Highlands
2 Switch I.D. # 208-1A
3 Facing ✓ Trailing _____

Rail Points
4 Point to Point 51 3/4
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 N/A R 4 13/16
7 Point Opening
N N/A 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 7/16
a) Turnout 56 7/16
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 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
Washers (OK) Broken 0 Missing 0

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 0 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

Remarks on Page 3

JBW/WEM Mod. 09-15-08

Mainline 1 2 **Yard** _____ **WO #** 1697751

Date: 11/9/2014 **Inspection Crew:** B. Panosian M. Alchin W. Bagant

1 Location B. Highlands
2 Switch I.D. # 208-1A
3 Facing ✓ 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 1/4
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 5/8
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 5/8 R 54 11/16
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

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 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 0 Missing 0

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

Switch 208- 1-A **Date** 11-9-14 **WO #** 1697751

3 inch cracked on frog point 5 to 8 inches back from 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: M. Boyle Date: 11-12-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1688136

Date: 11/12/14 **Inspection Crew** B. Pawuska W. Bagant M. Alchin

1 Location Cherry hill
2 Switch I.D. # 179-B
3 Facing _____ Trailing _____

Rail Points
4 Point to Point 51 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 15/16 R N/A
7 Point Opening
N 5/4 R N/A
8 Fit
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
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 2 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 0 Missing 0

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 0 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

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1688136

Date: 11/12/14 **Inspection Crew:** B. Panuski M. Alchin W. Bryant

1 Location Cherryhill
2 Switch I.D. # 179-B
3 Facing _____ Trailing ✓
44 Frog Tread N S Y R
R S Y R
45 Frog # 7
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
50 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 1/8
52 Turnout Track 56 1/16
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 1/4 R 54 5/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 1/4 R 53
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

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 Gurad Rail Flangeway
S Y R N 1 3/4 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 2 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 0 Missing 0

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

Switch 179 B Date 11/12/14 WO # 1688136

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: M. Boyt Date: 11-13-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1688076

Date: 11/12/14 **Inspection Crew** B. Panuska W. Bryant M. Alchin

1 Location Cherry hill
2 Switch I.D. # 166
3 Facing _____ Trailing ✓

Rail Points
4 Point to Point 51 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 N/A R 4 5/8
7 Point Opening
N N/A R 4 15/16
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 5/16
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 0 Missing 0

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 0 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

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1688076

Date: 11/12/14 **Inspection Crew:** B. Panosko M. Alchin W. Bryant

1 Location Cherry hill
2 Switch I.D. # 166
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 3 1/4
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 7/16
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 1/2 R 54 5/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 5/8 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 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 Gurad Rail Flangeway
S Y R N 1 7/8 R 1 3/4
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 0 Missing 0

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

Switch 166 **Date** 11/12/14 **WO #** 1638076

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: M. Boyle Date: 11-13-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1688074

te: 11/12/14 **Inspection Crew** B. Panaska M. Alchin W. Bryant

1 Location cherry hill
2 Switch I.D. # 164
3 Facing _____ 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 N/A R 4 1/2
7 Point Opening
N N/A R 4 7/8
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 1/16
Gage ahead of Bend 56 7/16
Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
a) Turnout 6 7/16
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
Washers (OK) Broken 0 Missing 0

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 0 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

Remarks on Page 3

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1688074

Date: 11/12/14 **Inspection Crew:** B. Panuska W. Bryant M. Alchin

1 Location Cherry hill
2 Switch I.D. # 164
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 3 1/4
50 Flangeway Depth 2 1/8
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 3/8
52 Turnout Track 56 3/16
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 1/2 R 54 7/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 5/16 R 52 1/2
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

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 Gurad Rail Flangeway
(S) Y R N 13/16 R 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 0 Missing 0

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

Switch 164 Date 11/12/14 WO # 1688074

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: M. Boyt Date: 11-13-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1688078

Date: 11/12/14 **Inspection Crew** B. Panuska G. Bryant M. Alchin

1 Location Cherry Hill
2 Switch I.D. # 179A
3 Facing _____ Trailing ✓

Rail Points
4 Point to Point 51 3/16
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 N/A R 4 9/16
7 Point Opening
N N/A R 4 7/8
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 1/4
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 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 0 Missing 0

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 0 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

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1688078

Date: 11/12/14 **Inspection Crew:** B. Panuska W. Bryant M. Alchin

1 Location Cherry Hill
2 Switch I.D. # 179 A
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 3 1/4
50 Flangeway Depth 2 3/8
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 7/16
52 Turnout Track 56 1/2
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 7/16 R 54 5/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 7/16 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

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 Gurad Rail Flangeway
(S) Y R N 1 7/8 R 2
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 0 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

Switch 179 A **Date** 11/12/14 **WO #** 1688078

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: M. Boyt Date:

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697755

Date: 11/16/19 **Inspection Crew** B. Panosta W. Bryant M. Alchin

1 Location
2 Switch I.D. # 208 3A
3 Facing _____ 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 N/A R 4 3/8
7 Point Opening
N N/A 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
a) Turnout 56 1/4
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 5/16

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 0 Missing 0

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 0 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

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1697755

Date: 11/16/14 **Inspection Crew:** B. Paxton W. Bryant M. Alchin

1 Location Belt highlands
2 Switch I.D. # 208 3A
3 Facing _____ 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 1/4
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 5/8 R 54 11/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 5/8 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 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 Gurad Rail Flangeway
S Y R N 1 3/16 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 0 Missing 0

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

Switch 208 3A **Date** 11/16/14 **WO #** 1697755

Right hand switch point shelling

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: M Boyk Date: 11-17-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1705517

Date: 11/16/14 **Inspection Crew** B. Panosku W. Bogart M. Alchin

1 Location CAMP MEADE
2 Switch I.D. # 367-3B
3 Facing _____ Trailing ✓

Rail Points
4 Point to Point 56 7/8
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 N/A R 5
7 Point Opening
N N/A 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 9/16
a) Turnout 56 5/16
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 7/16
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
20 Jam Nuts Loose 0 N/A
21 Washers OK Broken 0 Missing 0

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 0 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

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1705517

Date: 11/16/14 **Inspection Crew:** B. Panuska W. Bryant M. Alchin

1 Location camp mead
2 Switch I.D. # 367-3B
3 Facing _____ Trailing V
44 Frog Tread N S Y R
R S Y R
45 Frog # 16
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 1/4
50 Flangeway Depth 1 7/8
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 1/2
52 Turnout Track 56 5/16
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 9/16 R 54 7/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 5/8 R 52 7/16
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 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 0 Missing 0

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 367 - 3B Date 11/16/14 WO # 1705517

East Stock rail is shelling

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: M. Boyle Date: 11-17-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1705515

Date: 11/16/14 **Inspection Crew** B. Panuska W. Bryant M. Alchin

1 Location CAMP MEADE
2 Switch I.D. # 367-3A
3 Facing _____ Trailing ✓

Rail Points
4 Point to Point S1
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 N/A R 4 3/4
7 Point Opening
N N/A R 5
8 Fit
(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 5/16
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 7/16
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
2 Washers (OK) Broken 0 Missing 0

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 0 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

Remarks on Page 3

JBW/WEM Mod. 09-15-08

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1705515

Date: 11/16/11 **Inspection Crew:** B. Panuske W. Bryant M. Alchin

1 Location Camp meade
2 Switch I.D. # 367 - 3A
3 Facing _____ 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 1/4
50 Flangeway Depth 1 7/8
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
53 Guard Rail Gage N 54 5/8 R 54 7/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 5/8 R 52 1/2
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 0 Missing 0

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 367 3-A Date 11/16/14 WO # 1705515

Right hand switch point smiling

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: M Boyk Date: 11-17-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1705511

Date: 11/16/14 **Inspection Crew** B. Panuska W. Bryant M. Alchin

1 Location CAMP MEADE
2 Switch I.D. # 367-1A
3 Facing ✓ Trailing _____

Rail Points
4 Point to Point 51 3/16
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 N/A R 4 3/4
7 Point Opening
N N/A R 5 3/16
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 5/16
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
Washers (OK) Broken 0 Missing 0

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 0 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

Remarks on Page 3

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1705511

Date: 11/16/14 **Inspection Crew:** B. Panuska W. Bryant M. Alchin

1 Location Camp meade
2 Switch I.D. # 367 1-A
3 Facing ✓ Trailing _____
44 Frog Tread N (S) Y R
R (S) Y R
45 Frog # 16
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 1 7/8
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
53 Guard Rail Gage N 54 9/16 R 54 1/2
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 9/16 R 52 1/2
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

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 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 0 Missing 0

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

Switch 367 1-A Date 11-16-14 WO # 1705511

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: M. Boyle Date: 11-17-14

Switch Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1705513

Date: 11/16/14 **Inspection Crew** B. Paruska W. Bryant M. Alch n

1 Location CAMP MEADE
2 Switch I.D. # 367-1B
3 Facing ✓ Trailing _____

Rail Points
4 Point to Point 51 1/8
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 N/A R 4 13/16
7 Point Opening
N N/A 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 7/16
a) Turnout 56 3/8
Gage ahead of Bend 56 3/8
...ust 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 0 Missing 0

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 0 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

Frog Inspection Report / Semi-Annual

Mainline 1 2 **Yard** _____ **WO #** 1705513

Date: 11/16/14 **Inspection Crew:** B. Panuska W. Bryant M. Alchin

1 Location Camp Meade
2 Switch I.D. # 367 1-B
3 Facing ✓ 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 5/16
50 Flangeway Depth 1 7/8
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 56 3/8
52 Turnout Track 56 7/16
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 1/2 R 54 1/2
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 1/2 R 52 1/2
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 0 Missing 0

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 367 1-B Date 11/16/14 WO # 1705513

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: M. Boyle Date: 11-17-14