Mainline 1 (P) 2 Yard _____ WO # 2850298

Date: 4-19-2017 Inspection Crew Pollard, Lam, Sell

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

12 Heel Spread in Inches
) Turnout 6 1/4
a) Main 6 1/4

**Stock Rail**
13 Bend
S Y R
14 Condition
S Y R

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

**Rivets (Huck Bolts)**
17 Loose _____ N/A
18 Missing _____ N/A
19 Cotter Pins missing 0 N/A
20 Jam Nuts Loose 0 N/A
21 Washers OK Broken ____ Missing ____

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

**Switch Rods**
26 Front Rod
S Y R N/A
27 #1 Rod (Basket Rod)
S Y R N/A
28 #2 Rod
S Y R N/A
29 #3 Rod
S Y R N/A
30 #4 Rod
S Y R N/A
31 Closure Rail
S Y R N/A
32 Surface of Switch
S Y R N/A
Using a 62" cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service
33 Head Block ties
S Y R
34 Switch Adjustments
Yes No
35 Lubrication
OK Dry
36 Switch Target / Lamps
OK Missing ____ N/A
37 Latches
OK Broken ____ Missing ____
38 Locks
OK Broken ____ Missing ____
39 General Condition
S Y R
40 Insulated Joints
S Y R

**Remarks on Page 3**

JBW/WEM Mod. 09-15-08

Mainline 1 2 Yard _____ WO # 2850298

Date: 4-19-2017 Inspection Crew: Pollard, Lam, Sell

Location 1N bedded
2 Switch I.D. # 16 1B
3 Facing _____ Trailing _____
44 Frog Tread N S Y R
R S Y R
45 Frog # 8
46 Frog Point Condition
S Y R
47 Condition of Frog
S Y R
48 Surface of Frog
S Y R

49 Throat in Inches 2 1/8
50 Flangeway Depth 1 3/16
Flangeway Depth must not be less than 1 1/2"

**Gage**
51 Main Track 56 5/8
52 Turnout Track 56 3/4
Gage must not be less than 56" for any Class

**Guard Rails**
53 Guard Rail Gage N 54 5/8 R 54 3/4
Guard Rail Gage must be less than 54 3/8"
Back to Back N 52 7/8 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*

**Turnout Ties**
58 Condition
S Y R N/A
59 Rail Movement
S Y R N/A

**Tie Plates**
60 Lead
S Y R N/A
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 N/A
63 Frog Plates
S Y R N/A

**Bolts**
64 Loose _____ N/A
65 Missing _____ N/A

**Rivets (Huck)**
66 Loose _____ N/A
67 Missing _____ N/A
68 Nuts Missing _____ N/A
69 Cotter Pins Missing _____ N/A
70 Washers OK Broken _____ Missing _____ N/A

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 16 1B Date 4-19-2017 WO # 2850298

R.Sor East or west side worn down 1/8"

No 4 Rod Bent

Curved Sw point worn down 1/8 in From point to Back 21"

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: _____ Date: _____

Mainline 1 2 Yard _____ WO # 2850294

Date: 4-19-2017 Inspection Crew Pollard, Lam Sell

Location
2 Switch I.D. # 16 1A
3 Facing 1 Trailing _____

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

12 Heel Spread in Inches
a) Turnout 6 3/8
a) Main 6 1/4

**Stock Rail**
13 Bend
S Y R
14 Condition
S Y R

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

**Rivets (Huck Bolts)**
17 Loose 0 N/A
18 Missing 0 N/A
19 Cotter Pins missing 0 N/A
20 Jam Nuts Loose 0 N/A
21 Washers OK Broken ____ Missing ____

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

**Switch Rods**
26 Front Rod
S Y R N/A
27 #1 Rod (Basket Rod)
S Y R N/A
28 #2 Rod
S Y R N/A
29 #3 Rod
S Y R N/A
30 #4 Rod
S Y R N/A
31 Closure Rail
S Y R N/A
32 Surface of Switch
S Y R N/A
Using a 62" cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service
33 Head Block ties
S Y R
34 Switch Adjustments
Yes No
35 Lubrication
OK Dry
36 Switch Target / Lamps
OK Missing ____ N/A
37 Latches
OK Broken ____ Missing ____
38 Locks
OK Broken ____ Missing ____
39 General Condition
S Y R
40 Insulated Joints
S Y R

**Remarks on Page 3**

JBW/WEM Mod. 09-15-09

Mainline 1 2 Yard _____ WO # 2850294

Date: 4-19-2017 Inspection Crew: Pollard, Lam, Sell

1 Location Imbedded
2 Switch I.D. # 16 1A
3 Facing ✓ Trailing _____
44 Frog Tread N S Y R
R S Y R
45 Frog # 8
46 Frog Point Condition
S Y R
47 Condition of Frog
S Y R
48 Surface of Frog
S Y R

49 Throat in Inches 2 1/4
50 Flangeway Depth 1 3/8
Flangeway Depth must not be less than 1 1/2"

**Gage**
51 Main Track 56 5/8
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 3/4
Guard Rail Gage must be less than 54 3/8"
Back to Back N 53 R 53 1/16
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 N/A
59 Rail Movement
S Y R
**Tie Plates**
60 Lead
S Y R N/A
61 Gurad Rail Flangeway
S Y R N 1 5/8 R _____
Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates
S Y R N/A
63 Frog Plates
S Y R N/A

**Bolts**
64 Loose _____ N/A
65 Missing _____ N/A

**Rivets (Huck)**
66 Loose _____ N/A
67 Missing _____ N/A
68 Nuts Missing _____ N/A
69 Cotter Pins Missing _____ N/A
70 Washers OK Broken____ Missing____ N/A

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 16 1A Date 4-19-2017 WO # 2850294

Vegetation grows in switch area

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: _____ Date: _____

Mainline 1 (2) Yard _____ WO # 2850296

Dates 4-19-2017 Inspection Crew Pollard, Lam, Sell

1 Location _____
2 Switch I.D. # 16-3
3 Facing _____ Trailing ✓

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

12 Heel Spread in Inches
Turnout 6 1/4
a) Main 6 1/4

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

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

**Rivets (Huck Bolts)**
17 Loose 0 N/A
18 Missing 0 N/A
19 Cotter Pins missing 0 N/A
20 Jam Nuts Loose _____ N/A
21 Washers (OK) Broken ____ Missing ____

**Remarks on Page 3**

JBW/WEM Mod. 09-15-08

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

**Switch Rods**
26 Front Rod
(S) Y R N/A
27 #1 Rod (Basket Rod)
(S) Y R N/A
28 #2 Rod
(S) Y R N/A
29 #3 Rod
(S) Y R N/A
30 #4 Rod
(S) Y R N/A
31 Closure Rail
(S) Y R N/A
32 Surface of Switch
(S) Y R N/A
Using a 62" cord
S= Up to 1" Max allowed Speed
Y= 1" to 1 1/2" 40 MPH
R= 1 1/2" to 1 3/4" 12 MPH
Greater than 1 3/4" = Out of Service
33 Head Block ties
(S) Y R
34 Switch Adjustments
Yes (No)
35 Lubrication
(OK) Dry
36 Switch Target / Lamps
OK Missing ____ (N/A)
37 Latches
(OK) Broken ____ Missing ____
38 Locks
(OK) Broken ____ Missing ____
39 General Condition
(S) Y R
40 Insulated Joints
(S) Y R

Mainline 1 2 Yard _____ WO # 2850296

Date: 4-19-2017 Inspection Crew: Pollard, Lam, Sell

Location
2 Switch I.D. # 16-3
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 1 1/16
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 1/2 R 54 3/4
Guard Rail Gage must be less than 54 3/8"
Back to Back N 52 5/8 R 52 1/8
Back to Back must be less than 53 1/8"
54 Condition
S Y R
55 Location of Guard Rail (Relation to Point)
S Y R

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

Class 1 Gage 56" to 57 1/2"
*More than 57 1/2" Out of Service*
Class 3 Gage 56" to 57"
*More than 57" to 57 1/4" downgrade to Class 2 and gets a Y*

**Turnout Ties**
58 Condition
S Y R
59 Rail Movement
S Y R
**Tie Plates**
60 Lead
S Y R
61 Gurad Rail Flangeway
S Y R N 1 1/8 R 1 1/8
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 8 N/A
65 Missing 8 N/A

**Rivets (Huck)**
66 Loose 8 N/A
67 Missing 8 N/A
68 Nuts Missing 8 N/A
69 Cotter Pins Missing N/A
70 Washers OK Broken ____ Missing ____

71 Hold Down Devices
S Y R N/A
72 Spring Housing
S Y R N/A
73 Derails
S Y R N/A

74 Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond last long tie
OK Difference _____

75 Condition of Line thru entire turnout
S Y R

**Remarks on page 3**

Switch 16-3 Date 4-19-2017 WO # 2850296

Weeds growing in switch

4 loose Hold down bolts 4 missing Hold down bolts

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: _____ Date: _____