1 Location
2 Switch I.D. # 770
3 Facing X Trailing

Rail Points
4 Point to Point 51
5 Point Condition Y R
6 Point Throw Nothing less than 4" or greater than 5"
   Min 3 1/2" on house top point protector

N 4 3/4
R 4 3/4

7 Point Opening
N 5 1/4
R 5 1/4

8 Fit Y R

9 General Condition of the Points Y R

Gage
10 Heel of Switch
   a) Main 5 3/4
   Turnout 5 3/4

11 Gage ahead of Bend 57 1/2
   Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
   a) Turnout 5 1/2
   a) Main 5 1/2

Stock Rail
13 Bend Y R
14 Condition 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 N/A

Switch Rods
26 Front Rod Y R N/A
27 #1 Rod (Basket Rod) Y R N/A
28 #2 Rod Y R N/A
29 #3 Rod Y R N/A
30 #4 Rod Y R N/A
31 Closure Rail Y R N/A
32 Surface of Switch
   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 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
   Y R
40 Insulated Joints
   Y R

Remarks on Page 3
JBW/WEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

Mainline 1 2 Yard ______________ WO # 1635678

Date: 9/16/2014 Inspection Crew: MACHER, H GALE, H BRYANT, T SCHRISER

1 Location
2 Switch I.D. # 770
3 Facing X Trailing
44 Frog Tread N Y R R Y R

45 Frog # 0
46 Frog Point Condition
47 Condition of Frog
48 Surface of Frog

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

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

Guard Rails
53 Guard Rail Gage N 4 9/16 R 4 9/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 2 3/4 R 2 3/4
Back to Back must be less than 53 1/8"
54 Condition
55 Location of Guard Rail (Relation to Point)

Guard Rail Clamps
56 Main Track
57 Turnout Track
58 Condition
59 Location of Guard Rail (Relation to Point)

Turnout Ties
58 Condition
59 Rail Movement

46 Lead

61 Guard Rail Flangeway

Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates
63 Frog Plates

Bolts
64 Loose
65 Missing

Rivets (Huck)
66 Loose
67 Missing
68 Nuts Missing
69 Cotter Pins Missing
70 Washers
Broken

71 Hold Down Devices
72 Spring Housing
73 Derails

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

75 Condition of Line thru entire turnout

Remarks on page 3
Switch 770 Date 9/16/2014 WO # 1635678

1) Rotted Timbers (12')

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: _______________________________ Date: _______________
Switch Inspection Report / Semi-Annual

<table>
<thead>
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<tr>
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<td>MALCHIN, N GALE, W BRYANT, T SCHISLER</td>
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1 Location
2 Switch I.D. # 76A
3 Facing Trailing X

Rail Points
4 Point to Point 51/2
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

<table>
<thead>
<tr>
<th>N</th>
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<tr>
<td>R</td>
<td>4 3/8</td>
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7 Point Opening
N 4 1/8 R 4 3/8

8 Fit
Y R

9 General Condition of the Points
Y R

Gage
10 Heel of Switch
a) Main 5 3/16
Turnout 5 3/16
11 Gage ahead of Bend 5 3/16
Must not be less than 56" or more than 57" for "S"

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

Stock Rail
13 Bend
Y R
14 Condition
Y R

Bolts
15 Loose N/A
16 Missing N/A

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

Switch Rods
26 Front Rod
Y R N/A
27 #1 Rod (Basket Rod)
Y R N/A
28 #2 Rod
Y R N/A
29 #3 Rod
Y R N/A
30 #4 Rod
Y R N/A
31 Closure Rail
Y R N/A
32 Surface of Switch
Y R N/A
Using a 62' cord
S= Up to 4" 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
Y R
34 Switch Adjustments
Yes
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
Y R
40 Insulated Joints
Y R

Remarks on Page 3
JBWWEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

Mainline 1 2 Yard ______________________ WO # 1635631

Date: 9/16/2014 Inspection Crew: MALCHIE, N GALE, W BRYANT, T SCHUELER

1 Location
2 Switch I.D. # 769
3 Facing Trailing
44 Frog Tread N Y R
R Y R

45 Frog # 8
46 Frog Point Condition Y R
47 Condition of Frog Y R

48 Surface of Frog Y R

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

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

Guard Rails
53 Guard Rail Gage N 3/4 R 3/4
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 2 1/4 R 2 1/4
Back to Back must be less than 53 1/8"

54 Condition Y R
55 Location of Guard Rail (Relation to Point) Y R

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

Turnout Ties
58 Condition Y R
59 Rail Movement Y R

Tie Plates
60 Lead Y R
61 Guard Rail Flangeway Y R N 1 3/8 R 2"

Guard Rail Flangeway cannot be less 1 1/2"

62 Guard Rail Plates Y R
63 Frog Plates Y R

Bolts
64 Loose 0 N/A
65 Missing 0 N/A

Rivets (Huck)
66 Loose 0 N/A
67 Missing 0 N/A
68 Nuts Missing 0 N/A
69 Cotter Pins Missing 0 N/A
70 Washers OK Broken Missing

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

Remarks on page 3
Switch 769  Date 9/16/2014  WO # 1635631

1. ROTTED TIMBER (14')
   STRIP OUT IN TREAD

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: ___________________________ Date: ________________
Switch Inspection Report / Semi-Annual

1 Location: 9/14/2014
2 Switch I.D. #: 3731
3 Facing: Trailing

Rail Points:
4 Point to Point: 51/2"
5 Point Condition: Y R
6 Point Throw: Nothing less than 4" or greater than 5"
Min 3 1/2" on house top point protector

Switch Rods:
26 Front Rod: Y R N/A
27 #1 Rod (Basket Rod): Y R N/A
28 #2 Rod: Y R N/A
29 #3 Rod: Y R N/A
30 #4 Rod: Y R N/A
31 Closure Rail: Y R N/A
32 Surface of Switch: 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: Y R
34 Switch Adjustments: 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: Y R
40 Insulated Joints: Y R

Remarks on Page 3
JBW/WEM Mod. 09-15-08
Mainline 1 2 Yard ___________________ WO # 163550

e: 9/16/2014 Inspection Crew: HACHEN, NGALE, WBEYANT, TSCHEISER

1 Location
2 Switch I.D. # S37
3 Facing ___________ Trailing ___________
44 Frog Tread N S Y R R S Y R
45 Frog # 10
46 Frog Point Condition
(5 Y R
47 Condition of Frog
(5 Y R
48 Surface of Frog
(5 Y R
49 Throat in Inches 3/4
50 Flangeway Depth 1/8
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track S 1/4
52 Turnout Track S 1/4
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N S 4 1/2 R S 4 3/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N S 3 3/4 R S 3 7/8
Back to Back must be less than 53 1/8"
54 Condition
(5 Y R
55 Location of Guard Rail (Relation to Point)
(5 Y R

Guard Rail Clamps
56 Main Track
(5 Y R
57 Turnout Track
(5 Y R

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
(5 Y R
59 Rail Movement
(5 Y R

Tie Plates
60 Lead
(5 Y R
61 Guard Rail Flangeway
(5 Y R
Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates
(5 Y R
63 Frog Plates
(5 Y R

Bolts
64 Loose
(5 N/A
65 Missing
(5 N/A

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

71 Hold Down Devices
(5 Y R N/A
72 Spring Housing
(5 Y R N/A
73 Derails
(5 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
(5 Y R

Remarks on page 3
Switch 837  Date 9/16/2014  WO # 1635561

LH CV STOCK RAIL, STE PT TOP WORRI (GREEN)  
RH CV EB-checked IN JOINT, PIECE BROKEN OUT
ROTTED MACHINE TIE - 2 - (12)
GAPED 3/16" CV PT - RH
PITTED FROG PT
STARTING TO SCALE ON FROG PT

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: __________________________
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<tr>
<td>Inspection Crew:</td>
<td>Hachim, N, Gale, W, Brent, T,</td>
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</table>

1. Location: PEPPER
2. Switch I.D. #: 867
3. Facing: X Trailing

**Rail Points**

4. Point to Point: 51 3/4
5. Point Condition: Y R

6. Point Throw: Nothing less than 4" or greater than 5"
   - Min 3 1/2" on house top point protector

<table>
<thead>
<tr>
<th>N</th>
<th>4 3/4</th>
<th>R</th>
<th>4 3/4</th>
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</thead>
</table>

7. Point Opening:
   - N 4 1/2
   - R 4 3/4
8. Fit: Y R

9. General Condition of the Points: Y R

**Gage**

10. Heel of Switch:
   - Main 56 3/4
   - Turnout 56 3/4

11. Gage ahead of Bend: 56 1/4
   - Must not be less than 56" or more than 57" for "S"

12. Heel Spread in Inches:
   - a) Turnout 6 1/2
   - a) Main 6 1/2

**Stock Rail**

13. Bend:
   - Y R
14. Condition:
   - Y R

**Bolts**

15. Loose: N/A
16. Missing: N/A

**Rivets (Huck Bolts)**

17. Loose: N/A
18. Missing: N/A
19. Cotter Pins missing: N/A

20. Jam Nuts Loose: N/A
21. Washers: OK Broken: N/A

**Switch Rods**

26. Front Rod:
   - Y R N/A
27. #1 Rod (Basket Rod):
   - Y R N/A
28. #2 Rod:
   - Y R N/A
29. #3 Rod:
   - Y R N/A
30. #4 Rod:
   - Y R N/A
31. Closure Rail:
   - Y R N/A
32. Surface of Switch:
   - 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:
   - Y R
34. Switch Adjustments:
   - Yes (No)
35. Lubrication:
   - OK
36. Switch Target / Lamps:
   - OK Missing N/A
37. Latches:
   - OK Broken: Missing
38. Locks:
   - OK Broken: Missing
39. General Condition:
   - Y R
40. Insulated Joints:
   - Y R

**Remarks on Page 3**

JBW/WEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

Mainline 1 2

Yard __________________ WO # 1635559

Date: 9/16/2014 Inspection Crew: MAUGHEN, NCABLE, WBRYANT, TSENSER

1 Location PEPPER
2 Switch I.D. # SET
3 Facing X Trailing
44 Frog Tread N 3 Y R
R 3 Y R
45 Frog # 15
46 Frog Point Condition S Y R
47 Condition of Frog 3 Y R
48 Surface of Frog S Y R

49 Throat in Inches 2 3/4
50 Flangeway Depth 1 15/16
Flangeway Depth must not be less than 1 1/2"

Gage
51 Main Track 3/4
52 Turnout Track 3/4
Gage must not be less than 36" for any Class

Guard Rails
53 Guard Rail Gage N 3/4 R 54 1/8
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 3/4 1/8 R 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 Guard Rail Flangeway S Y R N 15/16 R 1 15/16
Guard Rail Flangeway can not be less 1 1/2"

62 Guard Rail Plates S Y R
63 Frog Plates S Y R

Bolts
64 Loose 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 O 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 last tie O Difference

75 Condition of Line thru entire turnout S Y R

Remarks on page 3
Switch 887  Date 9/10/2014  WO # 1635559

1 ROTTED MACHINE TIE (12')
1 ROTTED TIES (10')
RH PT BETWEEN #3 & #4 RODS, STARTING TO SCALE
1 ROTTED TIMBER (12')

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 NORTH AVE WO # 1567353

Date: 9/8/14 Inspection Crew: TSCHISLER W BRYANT H ALCHIN N GALE

1 Location
2 Switch I.D. # 63
3 Facing Trailing

Rail Points
4 Point to Point 5 ½
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 ¾ R ¾
7 Point Opening N S R 5
8 Fit S Y R
9 General Condition of the Points S Y R

Gage
10 Heel of Switch
   a) Main 5 ½
   b) Turnout 5 ¼
11 Gage ahead of Bend 5 ½
   Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
   a) Turnout 6 ¼
   b) Main 6 ¼

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

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
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### Frog Inspection Report / Semi-Annual

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### Inspection Crew:  

| 1 Location |   |   |   |   |
| Switch I.D. # |   |   |   |   |
| Facing |   |   |   |   |
| Frog Tread |   |   |   |   |
| 44 Frog # |   |   |   |   |
| Frog Point Condition |   |   |   |   |
| Condition of Frog |   |   |   |   |
| Surface of Frog |   |   |   |   |
| Throat in Inches |   |   |   |   |
| Flange Count |   |   |   |   |
| Flange Way |   |   |   |   |
| Flange Way Depth |   |   |   |   |

**Gage**

- Main Track:  
- Turnout Track:  

Gage must not be less than 56" for any Class

### Guard Rails

| Guard Rail Gage |   |   |   |   |
| Back to Back |   |   |   |   |

Guard Rail Gage must be less than 54 3/8"

### Guard Rail Clamps

| Main Track |   |   |   |   |
| Turnout Track |   |   |   |   |

### Turnout Ties

| Condition |   |   |   |   |
| Rail Movement |   |   |   |   |

### Tie Plates

| Lead |   |   |   |   |
| Guard Rail Flange Way |   |   |   |   |

Guard Rail Flange Way must not be less than 1 1/2"

### Bolts

| Loose |   |   |   |   |
| Missing |   |   |   |   |

### Rivets (Huck)

| Loose |   |   |   |   |
| Missing |   |   |   |   |

### Washers

- Broken:  
- Missing:  

### Hold Down Devices

- N/A

### Spring Housing

- N/A

### Derails

- N/A

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

- Difference:  

### Condition of Line thru entire turnout

- Y R
Wear starting on riser
2'-11' Timbers Rotted

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: ____________________________ Date: ____________________________
Switch Inspection Report / Semi-Annual

Mainline: 1  2  Yard: NORTH AVE  WO #: 156002  c

Date: 3/18/14  Inspection Crew: SCHISLER  W. BRYANT  M. AUCHIN  N. GALE

1 Location
2 Switch I.D. #: 4-3
3 Facing: X  Trailing

Rail Points
4 Point to Point: 50%
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

7 Point Opening: N  5/8  R  5/8

8 Fit: S Y R
9 General Condition of the Points: S Y R

Gage
10 Heel of Switch
   a) Main: 5 1/2
   b) Turnout: 5 1/4
11 Gage ahead of Bend: 5 1/2
   Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
   a) Turnout: 5/8
   a) Main: 5/8

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
   9 Cotter Pins missing: 0  N/A
19 Jam Nuts Loose: 0  N/A
20 Washers: OK  Broken: 0  Missing: 0

Switch Rods
21 Front Rod: S Y R  N/A
22 #1 Rod (Basket Rod): S Y R  N/A
23 #2 Rod: S Y R  N/A
24 #3 Rod: S Y R  N/A
25 #4 Rod: S Y R  N/A
26 Closure Rail: S Y R  N/A
27 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: 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

Date: ____________________________________ Inspection Crew: __________________________

1 Location
2 Switch I.D. # ____________________________________________
3 Facing ___________________________ Trailing ________________

44 Frog Tread N (☰ Y R)
(.readyState) R ( },{ Y R)

45 Frog # ______________________
46 Frog Point Condition
( },{ Y R)

47 Condition of Frog
( },{ Y R)

48 Surface of Frog
( },{ Y R)

49 Throat in Inches 3½
50 Flangeway Depth 7

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

Gage
51 Main Track 54 5/8

Turnout Track 54 3/8

Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 54 9/16 R 54 5/8

Guard Rail Gage must be less than 54 3/8"

54 Back to Back N 52 1/2 R 52 3/4

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

54 Condition
( },{ Y R)

55 Location of Guard Rail (Relation to Point)
( },{ Y R)

Guard Rail Clamps
56 Main Track
( },{ Y R)

57 Turnout Track
( },{ Y R)

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
( },{ Y R)

59 Rail Movement
( },{ Y R)

Tie Plates
60 Lead
( },{ Y R)

61 Guard Rail Flangeway
( },{ Y R N ) 7/8 R 1 7/8

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

62 Guard Rail Plates
( },{ Y R)

63 Frog Plates
( },{ Y R)

Bolts
64 Loose

65 Missing

Rivets (Huck)
68 Loose

67 Missing

68 Nuts Missing

69 Cotter Pins Missing

70 Washers (Y R) Broken Missing

71 Hold Down Devices
( },{ Y R N/A)

72 Spring Housing
( },{ Y R N/A)

73 Derails
( },{ 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

( },{ Y R ) Difference

75 Condition of Line thru entire turnout
( },{ Y R)

Remarks on page 3
Switch __________________ Date: _______________ WO # _______________

PITTED FROG ALUM

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: _______________
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Yard</th>
<th>WO #</th>
<th>Date:</th>
<th>Inspection Crew:</th>
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<tr>
<td></td>
<td></td>
<td></td>
<td>9/8/14</td>
<td>T SCHULSD  W BRYANT M LACHIN N GALE</td>
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**Rail Points**

<table>
<thead>
<tr>
<th>1 Location</th>
<th></th>
<th>2 Switch I.D. #</th>
<th>3 Facing</th>
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<tbody>
<tr>
<td>NA YARD</td>
<td></td>
<td>53</td>
<td>Trailing X</td>
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</table>

<table>
<thead>
<tr>
<th>4 Point to Point</th>
<th>5 Point Condition</th>
<th>6 Point Throw</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2</td>
<td>SY R</td>
<td>Nothing less than 4&quot; or greater than 5&quot;</td>
</tr>
</tbody>
</table>

Min 3 1/2" on house top point protector

<table>
<thead>
<tr>
<th>7 Point Opening</th>
<th>8 Fit</th>
<th>9 General Condition of the Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>N 4 3/4 R 4 3/4</td>
<td>SY R</td>
<td>SY R</td>
</tr>
</tbody>
</table>

**Switch Rods**

<table>
<thead>
<tr>
<th>10 Heel of Switch</th>
<th>26 Front Rod</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main 5 6 1/4</td>
<td>SY R N/A</td>
</tr>
<tr>
<td>Turnout 3 6 1/8</td>
<td></td>
</tr>
</tbody>
</table>

**Stock Rail**

<table>
<thead>
<tr>
<th>11 Gage ahead of Bend</th>
<th>32 Surface of Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 6 3/4</td>
<td>SY R N/A</td>
</tr>
</tbody>
</table>

**Bolts**

<table>
<thead>
<tr>
<th>12 Heel Spread in Inches</th>
<th>33 Head Block ties</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Turnout 4 1/4</td>
<td>SY R N/A</td>
</tr>
<tr>
<td>a) Main 6 1/8</td>
<td></td>
</tr>
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</table>

**Rivets (Huck Bolts)**

<table>
<thead>
<tr>
<th>13 Bend</th>
<th>34 Switch Adjustments</th>
</tr>
</thead>
<tbody>
<tr>
<td>SY R</td>
<td>Yes (No)</td>
</tr>
</tbody>
</table>

**Bolts**

<table>
<thead>
<tr>
<th>14 Condition</th>
<th>35 Lubrication</th>
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<tr>
<td>SY R</td>
<td></td>
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**Rivets (Huck Bolts)**

<table>
<thead>
<tr>
<th>15 Loose</th>
<th>36 Switch Target / Lamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 N/A</td>
<td>OK Missing</td>
</tr>
</tbody>
</table>

**Bolts**

<table>
<thead>
<tr>
<th>16 Missing</th>
<th>37 Latches</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 N/A</td>
<td>OK Broken Missing</td>
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</tbody>
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**Rivets (Huck Bolts)**

<table>
<thead>
<tr>
<th>17 Loose</th>
<th>38 Locks</th>
</tr>
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<tbody>
<tr>
<td>0 N/A</td>
<td>OK Broken Missing</td>
</tr>
</tbody>
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**Bolts**

<table>
<thead>
<tr>
<th>18 Missing</th>
<th>39 General Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 N/A</td>
<td>SY R</td>
</tr>
</tbody>
</table>

**Remarks on Page 3**

JBW/WE Mod. 09-15-08
Mainline 1 2 Yard ___________________________ WO # ___________________________
Date: ___________________________ Inspection Crew: ___________________________

1 Location ___________________________
2 Switch I.D. # ___________________________
3 Facing X Trailing ___________________________
44 Frog Tread N S Y R R S Y R ___________________________
45 Frog # ___________________________
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 1/8 ___________________________
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 7/8 ___________________________
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 52 9/16 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 ___________________________

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 Guard Rail Flangeway S Y R N 1 7/8 R 1 7/16 ___________________________
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 O N/A ___________________________
65 Missing O N/A ___________________________

Rivets (Huck)
66 Loose O N/A ___________________________
67 Missing O N/A ___________________________
68 Nuts Missing O N/A ___________________________
69 Cotter Pins Missing O 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 ___________________________
No NEW DEFECTS NOTED

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: ___________________________ Date: ________________
Switch Inspection Report / Semi-Annual

Mainline 1 2  Yard NORTH AVE WO # 1560026 6

Date: 12/18/2014 Inspection Crew: TSCHISLER WBRYANT M ALCHIN W GALL

1 Location 
2 Switch I.D. # 47
3 Facing X Trailing

**Rail Points**
4 Point to Point 51 \(\frac{1}{8}\)
5 Point Condition 6 Y R
6 Point Throw Nothing less than 4" or greater than 5"
   Min 3 1/2" on house top point protector
   N 4\(\frac{3}{4}\) R 4\(\frac{3}{4}\)
7 Point Opening
   N S\(\frac{1}{8}\) R L\(\frac{1}{8}\)
8 Fit S Y R
9 General Condition of the Points S Y R

**Gage**
10 Heel of Switch
   \(\backslash M\) Main S\(\frac{3}{4}\)\(\frac{1}{4}\)
   \(\backslash T\) Turnout S\(\frac{3}{4}\)\(\frac{1}{4}\)
11 Gage ahead of Bend S\(\frac{3}{4}\)
Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
   a) Turnout G\(\frac{1}{4}\)
   a) Main G\(\frac{1}{4}\)

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

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

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

**Switch Rods**
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 # 
Date: 
Inspection Crew: 

1 Location 
2 Switch I.D. # 
3 Facing x 
44 Frog Tread N R R 
45 Frog # 
46 Frog Point Condition 
47 Condition of Frog 
48 Surface of Frog 
49 Throat in Inches 
50 Flangeway Depth 

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

Gage 
51 Main Track 
52 Turnout Track 

Gage must not be less than 56" for any Class

Guard Rails 
53 Guard Rail Gage 

Guard Rail Gage must be less than 54 3/8"

54 Back to Back 

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

54 Condition 
55 Location of Guard Rail (Relation to Point) 

Guard Rail Clamps 
56 Main Track 

N/A

57 Turnout Track 

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

Removal Ties 
58 Condition 
59 Rail Movement 

Tie Plates 
60 Lead 

61 Guard Rail Flangeway 

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

62 Guard Rail Plates 

63 Frog Plates 

Bolts 
64 Loose 

65 Missing 

Rivets (Huck) 
66 Loose 

67 Missing 

68 Nuts Missing 

69 Cotter Pins Missing 

70 Washers Broken Missing

Hold Down Devices 

71 Spring Housing 

72 Derails 

N/A

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

Difference

74 Condition of Line thru entire turnout 

75 Remarks on page 3
Switch __________________ Date: ____________ WO # _______________  

No New Defects Noted  

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

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

S All items inspected are in compliance  

Y Attention needed  

R Immediate attention required or Out of Service  

Reviewed by: ___________________________ Date: ___________________
<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
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<th>Yard</th>
<th>North Ave</th>
<th>WO #</th>
<th>1560028c</th>
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<tr>
<td>Date</td>
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<td></td>
<td>Inspection Crew:</td>
<td>L. Schissler</td>
<td></td>
<td>W. Bryant</td>
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<tr>
<td>1 Location</td>
<td></td>
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<td></td>
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<td>2 Switch I.D. #</td>
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<td>49</td>
<td></td>
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</tr>
<tr>
<td>3 Facing</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Rail Points</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Point to Point</td>
<td></td>
<td>S1/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 Point Condition</td>
<td>S</td>
<td>Y R</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 Point Throw</td>
<td>Nothing less than 4&quot; or greater than 5&quot;</td>
<td>Min 3 1/2&quot; on house top point protector</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>7 Point Opening</td>
<td>N</td>
<td>S</td>
<td>S</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 Fit</td>
<td>S</td>
<td>Y R</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>9 General Condition of the Points</td>
<td>S</td>
<td>Y R</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Gage</td>
<td>10 Heel of Switch</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Main</td>
<td>S6 3/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Turnout</td>
<td>S6 3/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>S6 1/2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Must not be less than 56&quot; or more than 57&quot; for &quot;S&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td>a) Turnout</td>
<td>6 1/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) Main</td>
<td>6 1/4</td>
<td></td>
<td></td>
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<tr>
<td>Stock Rail</td>
<td>13 Bend</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>S</td>
<td>Y R</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14 Condition</td>
<td>S</td>
<td>Y R</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bolts</td>
<td>15 Loose</td>
<td>0</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16 Missing</td>
<td>0</td>
<td>N/A</td>
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<td></td>
<td></td>
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<tr>
<td>Rivets (Huck Bolts)</td>
<td>17 Loose</td>
<td>0</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>18 Missing</td>
<td>0</td>
<td>N/A</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>19 Cotter Pins missing</td>
<td>0</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20 Jam Nuts Loose</td>
<td>0</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21 Washers</td>
<td>OK</td>
<td>Broken</td>
<td>Missing</td>
<td></td>
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<td></td>
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</tbody>
</table>

**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 |       | 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 | N/A |       |           |      |          |        |
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
Frog Inspection Report / Semi-Annual

<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>WO #</th>
</tr>
</thead>
</table>

Date: ____________________  Inspection Crew: ____________________

1 Location ____________________
2 Switch I.D. # ____________________
3 Facing X Trailing ______
44 Frog Tread N R ____________________
45 Frog # ______
46 Frog Point Condition ______
47 Condition of Frog ______
48 Surface of Frog ______
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 S6 9/16 ______
52 Turnout Track S6 3/4 ______

Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N S4 1/2 R S4 3/4 ______

Guard Rail Gage must be less than 54 3/8"
54 Back to Back N S2 9/16 R S2 3/4 ______

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

54 Condition Y R ______
55 Location of Guard Rail (Relation to Point) Y R ______

Guard Rail Clamps
56 Main Track Y R N/A ______
57 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"
"ore than 57" to 57 1/4" downgrade to class 2 and gets a Y

Turnout Ties
58 Condition Y R ______
59 Rail Movement Y R ______

Tie Plates
60 Lead Y R ______
61 Guard Rail Flangeway Y R N 1 1/2 R 1 ______
Guard Rail Flangeway can not be less 1 1/2"
62 Guard Rail Plates Y R ______
63 Frog Plates Y R ______

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______

71 Hold Down Devices Y R N/A ______
72 Spring Housing Y R (N/A) ______
73 Derails Y R (N/A) ______

74 Maximum difference in any 31' in Cross
Level on the siding from the Frog Point to 60' beyond last long tie

OK Difference______

75 Condition of Line thru entire turnout Y R ______

Remarks on page 3
NO NEW DEFECTS NOTED

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: ____________________________ Date: ________________
Switch Inspection Report / Semi-Annual

1 Location: WARREN RD
2 Switch I.D. #: 58 B
3 Facing: Trailing

Rail Points
4 Point to Point: 5 2/8
5 Point Condition: Y R

6 Point Throw: Nothing less than 4" or greater than 5"
Min 3 1/2" on house top point protector

Switch Rods
26 Front Rod: Y R N/A
27 #1 Rod (Basket Rod): Y R N/A
28 #2 Rod: Y R N/A
29 #3 Rod: Y R N/A
30 #4 Rod: Y R N/A
31 Closure Rail: Y R N/A
32 Surface of Switch: Y R N/A
33 Head Block ties: Y R
34 Switch Adjustments: Yes
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: Y R
40 Insulated Joints: Y R

Remarks on Page 3

JBW/WEM Mod. 09-15-08
## Frog Inspection Report / Semi-Annual

<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
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<th>WO #</th>
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**Note:**

**Inspection Crew:**

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<th>Location</th>
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<table>
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<table>
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<th>Facing</th>
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<table>
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<th>Frog Tread</th>
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</table>

<table>
<thead>
<tr>
<th>Frog #</th>
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<tr>
<th>Frog Point Condition</th>
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</table>

<table>
<thead>
<tr>
<th>Condition of Frog</th>
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</table>

<table>
<thead>
<tr>
<th>Surface of Frog</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Throat in Inches</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Flangeway Depth</th>
</tr>
</thead>
</table>

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

### Gage

<table>
<thead>
<tr>
<th>Main Track</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Turnout Track</th>
</tr>
</thead>
</table>

- **Gage must not be less than 56" for any Class**

### Guard Rails

<table>
<thead>
<tr>
<th>Guard Rail Gage</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Guard Rail Gage must be less than 54 3/8&quot;</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Back to Back</th>
</tr>
</thead>
</table>

- **Back to Back must be less than 53 1/8"**

### Guard Rail Clamps

<table>
<thead>
<tr>
<th>Main Track</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Turnout Track</th>
</tr>
</thead>
</table>

### Turnout Ties

<table>
<thead>
<tr>
<th>Condition</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Rail Movement</th>
</tr>
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</table>

### Tie Plates

<table>
<thead>
<tr>
<th>Lead</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Guard Rail Flangeway</th>
</tr>
</thead>
</table>

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

### Guard Rail Plates

<table>
<thead>
<tr>
<th>Frog Plates</th>
</tr>
</thead>
</table>

### Bolts

<table>
<thead>
<tr>
<th>Loose</th>
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</table>

<table>
<thead>
<tr>
<th>Missing</th>
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</table>

### Rivets (Huck)

<table>
<thead>
<tr>
<th>Loose</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Missing</th>
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</table>

<table>
<thead>
<tr>
<th>Nuts Missing</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Cotter Pins Missing</th>
</tr>
</thead>
</table>

### Washers

<table>
<thead>
<tr>
<th>Hold Down Devices</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Spring Housing</th>
</tr>
</thead>
</table>

### Derails

<table>
<thead>
<tr>
<th>Maximum difference in any 31' in Cross</th>
</tr>
</thead>
</table>

- **Level on the siding from the Frog Point to 50' beyond last long tie**

### Remarks

- **Difference**

- **Condition of Line thru entire turnout**

---

**Remarks on page 3**
Switch _____________________ Date ___________ WO # ___________

18 Loose Scrail Spikes
1 13' Timber Rotten

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: [Signature] Date: 9–26–14
Mainline 1 2    Yard                  WO # M35682

1 Location  WARREN RD
2 Switch I.D. #  758A
3 Facing  Trailing  

Rail Points
4 Point to Point  51 1/2
5 Point Condition  
6 Point Throw  Nothing less than 4" or greater than 5"
    Min 3 1/2" on house top point protector
 N  4 7/8  R  4 5/8

7 Point Opening
 N  4 3/8  R  4 7/8
8 Fit  
9 General Condition of the Points  

Gage
10 Heel of Switch
 a) Main  5 1/4
    Turnout  5 1/2
 Gage ahead of Bend  3 7/8
 Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
 a) Turnout  6 1/4
 a) Main  5 1/4

Stock Rail
13 Bend  
14 Condition  

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  Missing

Switch Rods
21 #1 Rod (Basket Rod)  
22 #2 Rod  
23 #3 Rod  

Surface of Switch  
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  
34 Switch Adjustments  
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  
40 Insulated Joints  

Remarks on Page 3

JBW/WEM Mod. 09-15-08
### Frog Inspection Report / Semi-Annual

<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>WO #</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Location</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Switch I.D. #</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Facing</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>Frog Tread N</td>
<td>S Y R</td>
</tr>
<tr>
<td>45</td>
<td>Frog #</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>Frog Point Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>47</td>
<td>Condition of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>48</td>
<td>Surface of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>49</td>
<td>Throat in Inches</td>
<td>3 1/2</td>
</tr>
<tr>
<td>50</td>
<td>Flangeway Depth</td>
<td>1 3/16</td>
</tr>
<tr>
<td></td>
<td>Flangeway Depth must not be less than 1 1/2&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Gage**

| 51  | Main Track                                        | S        |
| 52  | Turnout Track                                     | S        |

Gage must not be less than 56" for any Class

**Guard Rails**

| 53  | Guard Rail Gage N                                 | S 3/4 R  |
| 54  | Back to Back                                      | N 2 3/4 R |

Guard Rail Gage must be less than 54 3/8"  
Back to Back must be less than 53 1/8"

| 55  | Location of Guard Rail (Relation to Point)        |           |

**Guard Rail Clamps**

| 56  | Main Track                                        | N/A       |
| 57  | Turnout Track                                     | 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  | Guard Rail Flangey (must not be less than 1 1/2") |           |

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

| 62  | Guard Rail Plates                                 | S Y R     |
| 63  | Frog Plates                                       | S Y R     |

**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                                | N/A       |
| 72  | Spring Housing                                   | N/A       |
| 73  | Derails                                          | N/A       |

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

Difference________________

| 75  | Condition of Line thru entire turnout            |           |

Remarks on page 3
Switch: 

Date: 

WO #: 

1. Rotted 9'
2. Rotted 10'
3. Rotted 11'
4. Rotted 22'

1. Loose Frog Bolt

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: [Signature] Date: 9-26-14
Switch Inspection Report / Semi-Annual

Mainline 1 2 Yard
Date: 9/24/14 Inspection Crew: T. SCHNEIDER, W. BRYANT, M. MAHIN, N. GALE

1 Location: TEXAS - N
2 Switch I.D. #: 223
3 Facing: Trailing

Rail Points
4 Point to Point: 51 5/8
5 Point Condition: SYR

6 Point Throw: Nothing less than 4" or greater than 5"
Min 3 1/2" on house top point protector

N 4 5/8 R
7 Point Opening
N S R

8 Fit: SYR

9 General Condition of the Points: SYR

Gage
10 Heel of Switch
a) Main: 56 1/2
 ) Turnout: 56 3/4
11 Gage ahead of Bend: 56 1/4
Must not be less than 56" or more than 57" for "S"

12 Heel Spread in Inches
a) Turnout: 6 5/8
a) Main: 6 3/8

Stock Rail
13 Bend: SYR
14 Condition: SYR

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

Switch Rods
26 Front Rod: SYR N/A
27 #1 Rod (Basket Rod): SYR N/A
28 #2 Rod: SYR N/A
29 #3 Rod: SYR N/A
30 #4 Rod: SYR N/A
31 Closure Rail: SYR N/A
32 Surface of Switch: SYR 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: SYR
34 Switch Adjustments: Yes No
35 Lubrication: OK
36 Switch Target / Lamps: OK Missing N/A
37 Latches: Ok Broken Missing
38 Locks: Ok Broken Missing
39 General Condition: SYR
40 Insulated Joints: SYR

Remarks on Page 3
JBWWEM Mod. 09-15-08
<table>
<thead>
<tr>
<th>Mainline 1</th>
<th>2</th>
<th>Yard</th>
<th>WO #</th>
</tr>
</thead>
</table>

| Date: | Inspection Crew: |

| 1 Location |  
| 2 Switch I.D. # |  
| 3 Facing | Trailing |
| 44 Frog Tread | N | Y | R | R | Y | R |
| 45 Frog # |  
| 46 Frog Point Condition | Y | R |
| 47 Condition of Frog | Y | R |
| 48 Surface of Frog | Y | R |
| 49 Throat in Inches | 3/4 |
| 50 Flangeway Depth | 1/3 |

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

<table>
<thead>
<tr>
<th>Gage</th>
</tr>
</thead>
<tbody>
<tr>
<td>51 Main Track</td>
</tr>
<tr>
<td>52 Turnout Track</td>
</tr>
</tbody>
</table>

*Gage must not be less than 56" for any Class*

<table>
<thead>
<tr>
<th>Guard Rails</th>
</tr>
</thead>
<tbody>
<tr>
<td>53 Guard Rail Gage</td>
</tr>
<tr>
<td>54 Back to Back</td>
</tr>
</tbody>
</table>

*Guard Rail Gage must be less than 54 3/8"*

<table>
<thead>
<tr>
<th>Class 1 Gage 56&quot; to 57 1/2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than 57 1/2&quot; Out of Service</td>
</tr>
<tr>
<td>Class 3 Gage 56&quot; to 57&quot;</td>
</tr>
<tr>
<td>More than 57&quot; to 57 1/4&quot; downgrade to</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Turnout Ties</th>
</tr>
</thead>
<tbody>
<tr>
<td>58 Condition</td>
</tr>
<tr>
<td>59 Rail Movement</td>
</tr>
</tbody>
</table>

*Y R* |

<table>
<thead>
<tr>
<th>Tie Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 Lead</td>
</tr>
<tr>
<td>61 Guard Rail Flangeway</td>
</tr>
</tbody>
</table>

*Y R* |

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

<table>
<thead>
<tr>
<th>Bolts</th>
</tr>
</thead>
<tbody>
<tr>
<td>62 Guard Rail Plates</td>
</tr>
<tr>
<td>63 Frog Plates</td>
</tr>
</tbody>
</table>

*Y R* |

<table>
<thead>
<tr>
<th>Rivets (Huck)</th>
</tr>
</thead>
<tbody>
<tr>
<td>64 Loose</td>
</tr>
<tr>
<td>65 Missing</td>
</tr>
</tbody>
</table>

*O N/A* |

<table>
<thead>
<tr>
<th>Guard Rail Clamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>56 Main Track</td>
</tr>
<tr>
<td>57 Turnout Track</td>
</tr>
</tbody>
</table>

*Y R* |

<table>
<thead>
<tr>
<th>Class 1 Gage 56&quot; to 57 1/2&quot;</th>
</tr>
</thead>
</table>

*More than 57 1/2" Out of Service*

<table>
<thead>
<tr>
<th>Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 60' beyond last long tie</th>
</tr>
</thead>
</table>

*OK Difference* |

<table>
<thead>
<tr>
<th>Condition of Line thru entire turnout</th>
</tr>
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</table>

*Y R* |

| Remarks on page 3 |
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: [Signature] Date: 9-26-14
Switch Inspection Report / Semi-Annual

<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>WO # 1643270</th>
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<tbody>
<tr>
<td>1 Location</td>
<td>Texas - N</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Switch I.D. #</td>
<td>7/3 1A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Facing</td>
<td>Trailing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note:</td>
<td>9/23/14</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inspection Crew</td>
<td>Schneider</td>
<td>Bryant</td>
<td>Alchin</td>
<td>Gale</td>
</tr>
</tbody>
</table>

**Rail Points**

- Point to Point: 51 1/2
- Point Condition: Y R
- Point Throw: Nothing less than 4" or greater than 5"
  - Min 3 1/2" on house top point protector

<table>
<thead>
<tr>
<th>N</th>
<th>R</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>43 1/4</td>
<td></td>
<td>4 1/4</td>
</tr>
</tbody>
</table>

**Switch Rods**

- Front Rod: Y R N/A
- #1 Rod (Basket Rod): Y R N/A
- #2 Rod: Y R N/A
- #3 Rod: Y R N/A
- #4 Rod: Y R N/A
- Closure Rail: Y R N/A
- Surface of Switch: 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
- Head Block ties: Y R

**Stock Rail**

- Bend: Y R
- Condition: Y R

**Bolts**

- Loose: N/A
- Missing: N/A

**Rivets (Huck Bolts)**

- Loose: N/A
- Missing: N/A
- Cotter Pins missing: N/A
- Jam Nuts Loose: N/A
- Washers: OK

**Remarks on Page 3**

JBWWEM Mod. 09-15-08
### Frog Inspection Report / Semi-Annual

#### Mainline

<table>
<thead>
<tr>
<th>Yard</th>
<th>WO #</th>
</tr>
</thead>
</table>

#### Date:

#### Inspection Crew:

<table>
<thead>
<tr>
<th>1 Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Switch I.D. #</td>
</tr>
<tr>
<td>3 Facing</td>
</tr>
<tr>
<td>44 Frog Tread</td>
</tr>
<tr>
<td>45 Frog #</td>
</tr>
<tr>
<td>46 Frog Point Condition</td>
</tr>
<tr>
<td>47 Condition of Frog</td>
</tr>
<tr>
<td>48 Surface of Frog</td>
</tr>
</tbody>
</table>

#### Turnout Ties

<table>
<thead>
<tr>
<th>58 Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>59 Rail Movement</td>
</tr>
</tbody>
</table>

#### Tie Plates

<table>
<thead>
<tr>
<th>60 Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>61 Guard Rail Flangeway</td>
</tr>
</tbody>
</table>

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

| 62 Guard Rail Plates | S | Y | R |
| 63 Frog Plates | S | Y | R |

#### Gage

| 51 Main Track | S | 5/8 |
|---------------|
| 52 Turnout Track | S | 5/8 |

Gage must not be less than 56" for any Class

#### Guardrails

<table>
<thead>
<tr>
<th>53 Guard Rail Gage</th>
<th>N</th>
<th>54 S</th>
<th>7/8</th>
</tr>
</thead>
</table>

Guard Rail Gage must be less than 54 3/8"

<table>
<thead>
<tr>
<th>54 Back to Back</th>
<th>N</th>
<th>S</th>
<th>5/8</th>
</tr>
</thead>
</table>

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

| 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

#### 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 | X | Broken | Missing |

#### Hold Down Devices

| 71 Hold Down Devices | S | Y | R | N/A |

#### Spring Housing

| 72 Spring Housing | S | Y | R | N/A |

#### Derails

| 73 Derails | S | Y | R | N/A |

#### Maximum difference in any 31' in Cross

Level on the siding from the Frog Point to 50' beyond last long tie

OK Difference

#### Condition of Line thru entire turnout

| 75 Condition of Line thru entire turnout | S | Y | R | N/A |

Remarks on page 3
NO NEW DEFECTS NOTED

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: [Signature] Date: 9-26-14
<table>
<thead>
<tr>
<th><strong>Mainline</strong></th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th><strong>WO #</strong></th>
<th>1643261</th>
</tr>
</thead>
</table>

**Note:** 9/23/14

**Inspection Crew:** T. WINSER, L. BYBURN, M. ALCHILD, N. GANS

<table>
<thead>
<tr>
<th><strong>Location</strong></th>
<th>TOWNS - N</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Switch I.D. #</strong></td>
<td>711</td>
</tr>
<tr>
<td><strong>Facing</strong></td>
<td>Trailing</td>
</tr>
</tbody>
</table>

**Rail Points**

| **Point to Point** | 52 1/2 |
| **Point Condition** | Y R |
| **Point Throw** | Nothing less than 4" or greater than 5" |
| **Min 3 1/2" on house top point protector** | N |

**Switch Rods**

| **Front Rod** | Y R |
| **1 Rod (Basket Rod)** | Y R |
| **2 Rod** | Y R |
| **3 Rod** | Y R |
| **4 Rod** | Y R |
| **Closure Rail** | Y R |
| **Surface of Switch** | Y R |
| **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** |
| **Head Block ties** | Y R |
| **Switch Adjustments** | No |
| **Lubrication** | Dry |
| **Switch Target / Lamps** | OK |
| **Broken** | OK |

**Rivets (Huck Bolts)**

| **Loose** | 0 |
| **Missing** | 0 |
| **Loose** | 0 |
| **Missing** | 0 |
| ** Cotter Pins missing** | 0 |
| **Jam Nuts Loose** | 0 |
| **Vashers** | OK |

**Remarks on Page 3**

JBWWEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

Mainline 1 2 Yard WO #

Date: ___________ Inspection Crew: ___________

1 Location
2 Switch I.D. # ___________
3 Facing ___________ Trailing ___________
44 Frog Tread N ___________ R ___________
45 Frog # ___________
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 ___________
50 Flangeway Depth ___________
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
53 Guard Rail Gage N ___________ R ___________
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N ___________ R ___________
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 Guard Rail Flangeway ___________
Guard Rail Flangeway can not be less than 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
69 Cotter Pins Missing 0 N/A
70 Washers OK Broken Missing

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

74 Maximum difference in any 31' in Cross Level on the siding from the Frog Point to
50' beyond last long tie 0 Difference

75 Condition of Line thru entire turnout S Y R

Remarks on page 3
5 - 9' Timbers Rotted
2 - 11' " "
2 - 14' " "
1 - 15' " "
2 - 16' " "

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:  9-26-14
# Switch Inspection Report / Semi-Annual

**Select:**

<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>WO #</th>
</tr>
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<tbody>
<tr>
<td>1 Location</td>
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<td></td>
<td></td>
<td>1043241</td>
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<tr>
<td>2 Switch I.D. #</td>
<td></td>
<td>Liponu</td>
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<tr>
<td>3 Facing</td>
<td>Y</td>
<td>Trailing</td>
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## Rail Points

<table>
<thead>
<tr>
<th>4 Point to Point</th>
<th>5 1/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Point Condition</td>
<td>Y R</td>
</tr>
</tbody>
</table>
| 6 Point Throw | Nothing less than 4" or greater than 5"
| Min 3 1/2" on house top point protector | |
| N | 4 3/4 | R | 4 3/8 |

## Switch Rodes

<table>
<thead>
<tr>
<th>26 Front Rod</th>
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</tr>
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<tbody>
<tr>
<td>27 #1 Rod (Basket Rod)</td>
<td></td>
</tr>
<tr>
<td>28 #2 Rod</td>
<td></td>
</tr>
<tr>
<td>29 #3 Rod</td>
<td></td>
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<tr>
<td>30 #4 Rod</td>
<td></td>
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<tr>
<td>31 Closure Rail</td>
<td></td>
</tr>
<tr>
<td>32 Surface of Switch</td>
<td></td>
</tr>
<tr>
<td>33 Head Block ties</td>
<td></td>
</tr>
<tr>
<td>34 Switch Adjustments</td>
<td></td>
</tr>
<tr>
<td>35 Lubrication</td>
<td></td>
</tr>
<tr>
<td>36 Switch Target / Lamps</td>
<td></td>
</tr>
<tr>
<td>37 Latches</td>
<td></td>
</tr>
<tr>
<td>38 Locks</td>
<td></td>
</tr>
<tr>
<td>39 General Condition</td>
<td></td>
</tr>
<tr>
<td>40 Insulated Joints</td>
<td></td>
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## Gage

<table>
<thead>
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<th>10 Heel of Switch</th>
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<tbody>
<tr>
<td>a) Main</td>
</tr>
<tr>
<td>a) Turnout</td>
</tr>
<tr>
<td>Gage ahead of Bend</td>
</tr>
<tr>
<td>Must not be less than 56&quot; or more than 57&quot; for &quot;S&quot;</td>
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## Stock Rail

<table>
<thead>
<tr>
<th>13 Bend</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>14 Condition</td>
<td></td>
</tr>
</tbody>
</table>

## Bolts

| 15 Loose | O | N/A |
| 16 Missing | O | N/A |

## Rivets (Huck Bolts)

| 17 Loose | O | N/A |
| 18 Missing | O | N/A |
| 19 Cotter Pins missing | O | N/A |
| 20 Jam Nuts Loose | O | N/A |
| Vashers | OK | Broken | Missing |

## Remarks on Page 3

JBWWEM Mod. 09-15-08
<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>WO #</th>
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</thead>
</table>

Date: 

Inspection Crew: 

1 Location
2 Switch I.D. #
3 Facing
44 Frog Tread N
45 Frog #
46 Frog Point Condition
47 Condition of Frog
48 Surface of Frog
49 Throat in Inches
50 Flangeway Depth

**Turnout Ties**
58 Condition
59 Rail Movement

**Tie Plates**
60 Lead
61 Guard Rail Flangeway

Guard Rail Flangeway can not be less than 1 1/2"
62 Guard Rail Plates
63 Frog Plates

**Bolts**
64 Loose
65 Missing

**Rivets (Huck)**
66 Loose
67 Missing
68 Nuts Missing
69 Cotter Pins Missing
70 Washers

**Guard Rails**
53 Guard Rail Gage N
Guard Rail Gage must be less than 54 3/8"
54 Back to Back
Back to Back must be less than 53 1/8"

54 Condition
55 Location of Guard Rail (Relation to Point)

**Guard Rail Clamps**
56 Main Track
57 Turnout Track

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
Leaves in SW Pnt Area - Fire Hazards
Point just starting to get bunched

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: [Signature] Date: 10-1-19
### Mainline 1 2 Yard WO # 1643268

#### Inspection Crew
- T. Schisler
- M. Machin
- B. Panuska

#### Switch Inspection Report / Semi-Annual

<table>
<thead>
<tr>
<th>Note:</th>
<th>9/30/14</th>
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#### 1 Location
- Texas - N

#### 2 Switch I.D. #
- 111 - 3

#### 3 Facing
- A - Trailing

#### Rail Points

<table>
<thead>
<tr>
<th>4 Point to Point</th>
<th>51 1/4</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>5 Point Condition</th>
<th>Y R</th>
</tr>
</thead>
</table>

#### 6 Point Throw
- Nothing less than 4" or greater than 5"
- Min 3 1/2" on house top point protector
- N: A 1/4 R: A 1/4

<table>
<thead>
<tr>
<th>7 Point Opening</th>
<th>N: S 1/4 R: S 1/4</th>
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</table>

<table>
<thead>
<tr>
<th>8 Fit</th>
<th>Y R</th>
</tr>
</thead>
</table>

#### 9 General Condition of the Points
- Y R

#### Gage
- 10 Heel of Switch
  - a. Main: S 1/4
  - b. Turnout: S 1/4

#### S 38 ahead of Bend: 38 1/2

Must not be less than 58" or more than 57" for "S"

#### 12 Heel Spread in Inches
- a. Turnout: 6 1/4
- b. Main: 6 1/4

#### Stock Rail
- 13 Bend: Y R
- 14 Condition: 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

#### Remarks on Page 3

- JBWWEM Mod. 09-15-08

---

#### Switch Rods

| 26 Front Rod | Y R N/A |

<table>
<thead>
<tr>
<th>27 #1 Rod (Basket Rod)</th>
<th>Y R N/A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>28 #2 Rod</th>
<th>Y R N/A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>29 #3 Rod</th>
<th>Y R N/A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>30 #4 Rod</th>
<th>Y R N/A</th>
</tr>
</thead>
</table>

| 31 Closure Rail | Y R N/A |

| 32 Surface of Switch | 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

<table>
<thead>
<tr>
<th>33 Head Block ties</th>
<th>Y R</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>34 Switch Adjustments</th>
<th>No</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>35 Lubrication</th>
<th>OK</th>
</tr>
</thead>
</table>

| 36 Switch Target / Lamps | OK | N/A |

<table>
<thead>
<tr>
<th>37 Latches</th>
<th>OK</th>
<th>Broken</th>
<th>Missing</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>38 Locks</th>
<th>OK</th>
<th>Broken</th>
<th>Missing</th>
</tr>
</thead>
</table>

| 39 General Condition | Y R |

| 40 Insulated Joints | Y R |
Frog Inspection Report / Semi-Annual

Mainline: 1 2 Yard ____________________ WO # ____________________

Date: ____________________ Inspection Crew: ____________________

1 Location
2 Switch I.D. # ____________________
3 Facing x Trailing
44 Frog Tread N $YR$ $YR$
R $YR$
45 Frog # 15
46 Frog Point Condition $YR$
47 Condition of Frog $YR$
48 Surface of Frog $YR$

49 Throat in Inches $2 \frac{3}{8}$
50 Flangeway Depth $1 \frac{1}{8}$

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

Gage
51 Main Track $2 \frac{1}{4}$
52 Turnout Track $2 \frac{1}{4}$

Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N $54 \frac{1}{8}$ R $54 \frac{1}{16}$

Guard Rail Gage must be less than 54 3/8"
54 Back to Back N $52 \frac{1}{4}$ R $52 \frac{1}{16}$

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

54 Condition $YR$
55 Location of Guard Rail (Relation to Point) $YR$

Guard Rail Clamps
56 Main Track $YR$ N/A
57 Turnout Track $YR$ 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
Switch ___________________ Date ___________ WO # ___________

No New Defects/Note

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: 10-1-14
<table>
<thead>
<tr>
<th>Location</th>
<th>Trans-S</th>
<th>Switch I.D. #</th>
<th>6861R</th>
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</thead>
<tbody>
<tr>
<td>Facing</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Rail Points**

4 Point to Point: 51 1/4

5 Point Condition: SYR

6 Point Throw: Nothing less than 4" or greater than 5"

Min 3 1/2" on house top point protector

<table>
<thead>
<tr>
<th>Point Opening</th>
<th>N</th>
<th>R</th>
<th>S</th>
</tr>
</thead>
</table>

8 Fit: SYR

9 General Condition of the Points: SYR

**Gage**

10 Heel of Switch

a) Main: 56 1/2

b) Turnout: 36 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

b) Main: 6 3/8

**Stock Rail**

13 Bend: SYR

14 Condition: SYR

**Bolts**

15 Loose: N/A

16 Missing: N/A

**Rivets (Huck Bolts)**

17 Loose: N/A

18 Missing: N/A

19 Cotter Pins missing: N/A

20 Jam Nuts Loose: N/A

Washers: OK Broken: Missing

**Switch Rodes**

26 Front Rod: SYR N/A

27 #1 Rod (Basket Rod): SYR N/A

28 #2 Rod: SYR N/A

29 #3 Rod: SYR N/A

30 #4 Rod: SYR N/A

31 Closure Rail: SYR N/A

32 Surface of Switch: SYR 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: SYR

34 Switch Adjustments: No

35 Lubrication: OK Dry

36 Switch Target / Lamps: OK Missing

37 Latches: OK Broken Missing

38 Locks: OK Broken Missing

39 General Condition: SYR

40 Insulated Joints: SYR

Remarks on Page 3

JBW/WEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

Mainline 1  2 Yard  WO #

Date: ____________________________  Inspection Crew: ____________________________

1 Location
2 Switch I.D. # ________________
3 Facing X  Trailing _____________
44 Frog Tread N  SN  Y  R
     R  SN  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 Flange way Depth 2
Flange way Depth must not be less than 1 1/2"

Gage
51 Main Track S 6 7/16
52 Turnout Track S 6 11/16
Gage must not be less than 56" for any Class

Guard Rails
53 Guard Rail Gage N 5 3/4  9/16  R 5 3/4  9/16
Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 5 3/4  9/16  R 5 3/4  9/16
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 Guard Rail Flange way S  Y  R N 1 1/4 R 1 1/8

Guard Rail Flange way 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 side way 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
Pitted Frog Point (starting)

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: 10-1-14
Mainline 1 2 Yard WO # 16432.35

Date: 9/30/14 Inspection Crew TSCHISLER, MAICHIN, PANUSKA

1. Location Texas - S
2. Switch I.D. # C981A
3. Facing ___ Trailing X

Rail Points
4. Point to Point 51 1/4
5. Point Condition S Y R
6. Point Throw Nothing less than 4" or greater than 5"
   Min 3 1/2" on house top point protector
   N 4 3/4 R 4 3/4

7. Point Opening
   N 5 3/8 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 52 1/2
   b. Turnout 52 1/2
   Gage ahead of Bend 52 1/2
   Must not be less than 56" or more than 57" for "S"

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

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

Bolts
15. Loose ___ N/A
16. Missing ___ N/A

Rivets (Huck Bolts)
17. Loose ___ N/A
18. Missing ___ N/A
19. Cotter Pins missing ___ N/A
20. Jam Nuts Loose ___ N/A
   Washers ___ 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
<table>
<thead>
<tr>
<th>Mainline</th>
<th>1</th>
<th>2</th>
<th>Yard</th>
<th>WO #</th>
</tr>
</thead>
</table>

**Date:**

**Inspection Crew:**

1 Location
2 Switch I.D. #
3 Facing Trailng
44 Frog #
45 Frog Tread N S Y R R S Y R
46 Frog Point Condition
47 Condition of Frog
48 Surface of Frog
49 Throat in Inches 3 1/4
50 Flangeway Depth L
Flangeway Depth must not be less than 1 1/2"

**Gage**

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

**Guard Rail**

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

55 Location of Guard Rail (Relation to Point)
56 Condition S Y R
55 Guard Rail Clamps
57 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
59 Rail Movement
**Tie Plates**
60 Lead
61 Guard Rail Flangeway
Guard Rail Flangeway must not be less than 1 1/2"

**Bolts**
64 Loose 0 N/A
65 Missing 0 N/A

**Rivets (Huck)**
66 Loose 0 N/A
67 Missing 0 N/A
68 Nuts Missing 0 N/A
69 Cotter Pins Missing 0 N/A
70 Washers OK Broken Missing

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

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

75 Condition of Line thru entire turnout S Y R

Remarks on page 3
No new defects noted

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

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

S All items inspected are in compliance

Y Attention needed

R Immediate attention required or Out of Service

Reviewed by: [Signature] Date: 10-1-14
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<th>WO #</th>
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<td></td>
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<tr>
<td>Inspection Crew</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>T. Schisler, M. McChin, R. Panuska</td>
</tr>
</tbody>
</table>

| 1 Location     | Texas - S |
| 2 Switch I.D. # | 696 - 3   |
| 3 Facing        | Trailing X |

### Rail Points

| 4 Point to Point | 5 |
| 5 Point Condition | Y R |

### Point Throw

- Nothing less than 4" or greater than 5"
- Min 3 1/2" on house top point protector

### Switch Rods

| 26 Front Rod |        |
| 27 #1 Rod (Basket Rod) | Y R N/A |
| 28 #2 Rod | Y R N/A |
| 29 #3 Rod | Y R N/A |

### Gage

- 10 Heel of Switch
  - a) Main 3 1/4 |
  - a) Turnout 3 3/4 |
  - Gage ahead of Bend 3 3/4
  - Must not be less than 56" or more than 57" for "S"

### Stock Rail

| 13 Bend | Y R |
| 14 Condition | 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 |

### Switch Inspection Report / Semi-Annual

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

### Switch Adjustments

| 34 | Yes | No |

### Lubrication

| 35 | Dry |

### Switch Target / Lamps

| 36 | OK | Missing N/A |

### Latches

| 37 | OK | Broken | Missing |

### Locks

| 38 | OK | Broken | Missing |

### General Condition

| 39 | Y R |

### Remarks on Page 3

JBWWEM Mod. 09-15-08
Frog Inspection Report / Semi-Annual

Mainline | 1 | 2 | Yard | WO # |

Date: _____________________________

Inspection Crew: __________________

1 Location
2 Switch I.D. 
3 Facing ________ Trailing
44 Frog Tread N Y R R Y R
45 Frog # 10
46 Frog Point Condition Y R
47 Condition of Frog Y R
48 Surface of Frog Y R

49 Throat in Inches 2 3/4
50 Flangeway Depth 2

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

Gage
51 Main Track 3/8
52 Turnout Track 3/8

Gage must not be less than 5/8" for any Class

Guard Rails
53 Guard Rail Gage N 3/4 S/8 R 3/4 S/8

Guard Rail Gage must be less than 54 3/8"
54 Back to Back N 2 3/4 S/8 R 2 3/4 S/8

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

54 Condition Y R
55 Location of Guard Rail (Relation to Point) Y R

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

Turnout Ties
58 Condition Y R
59 Rail Movement Y R

Tie Plates
60 Lead Y R
61 Guard Rail Flangeway Y R N 1 7/8 R 1 3/16

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

Bolts
64 Loose 0 N/A
65 Missing 0 N/A

Rivets (Huck)
66 Loose 0 N/A
67 Missing 0 N/A
68 Nuts Missing 0 N/A
69 Cotter Pins Missing 0 N/A
70 Washers OK Broken Missing

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

75 Condition of Line thru entire turnout Y R

Marks on page 3
RH CV POINT - SHIELDA

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: [Signature] Date: 10-1-14