Mainline Switch Inspection Report Semi-Annual

Date 11-6-13
Watchman D. Byrd
1 Location SEMINARY PARK
2 Switch I.D. # S35 3A
3 Facing × Trailing

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

Gage
Heel of Switch
9 Main 52 3/4
10 Turnout 52 3/4
11 Gage ahead of Bend 56 1/2
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout 6 3/4
13 Main 6 3/4

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

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

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

Remarks on page 3

WO# 1231687 Page 1 of 3

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

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

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

57 Throat in Inches 3 1/4
72 Flangeway Depth 2

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

Gage
58 Main Track S 1/2
59 Turnout Track S 3/4

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N S 3/4 R S 3/4
Guard Rail Gage must more than 54 3/8"
61 Back To Back N S 2 1/4 R S 7/8
Back to Back Gage must be less than 53 1/8"
62 Condition S Y R
63 Location of Guard Rail (Relation to Point) S Y R

Guard Rail Clamps
64 Main Track S Y R N/A
65 Turnout Track S Y R N/A

Class 1 Gage 56" to 57 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

Frog Inspection Report Semi-Annual

Turnout Ties
66 Condition
S Y R N/A
67 Rail Movement
S Y R N/A

Tie Plates
68 Lead S Y R N/A
69 Guard Rail Flangeway S Y R N/A 1 3/8
Guard Rail Flangeway can not be less 1 1/4"
70 Guard Rail Plates S Y R N/A
71 Frog Plates S Y R N/A

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

Rivets (Huck)
75 Loose O N/A
76 Missing O N/A
77 Nuts Missing O N/A
78 Cotter Pins Missing O N/A
79 Washers Ok Broken Missing N/A
80 Hold Down Devices S Y R N/A
81 Spring Housing S Y R N/A
82 Derails S Y R N/A

83 Maximum difference in any 31' in Cross

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

84 Condition of Line thru entire turnout S Y R

Remarks on page 3

OM: JC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.
Mainline  Switch Inspection Report Semi-Annual  **WO# 1231689**  Page 1 of 3

**Date** 11-6-13  **Inspection Crew** T Schisler  W Bryant

**Watchman** D BYRD

1 Location  **SEMINARY PARK**
2 Switch I.D. # 535 38
3 Facing  A  Trailing

**Rail Points**
4 Point to Point  S1/8
5 Point Condition  S Y R  Nothing less than 4 inches or greater than 5 inches.
6 Point Throw.  Min 3 1/2 inches on house top point protected
6a Point Opening
   N  S 1/4  R  S 1/4
7 Fit  S Y R
8 General Condition of the Points  S Y R

**Grade**
9 Heel of Switch  S S 1/2
10 Turnout  S S 1/4
11 Grade ahead of Bend  S S 1/4
   Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
   Turnout  S 1/4
13 Main  S 1/4

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

**Bolts**
16 Loose  b  N/A
17 Missing  o  N/A

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

**Switch Rods**
24 Adjustable Braces
   S Y R N/A
   24a Non-Adjustable Braces
   S Y R N/A

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

**Remarks on page 3**

GM RC 11-10-2013
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread
N  $YR
R  $YR

53 Frog #
54/79 Point Condition
SYR
55 Condition of Frog
SYR
56 Surface of Frog
SYR

57 Throat in Inches
3/4
72 Flangeway Depth
2

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

Gage
38 Main Track
39 Turnout Track

Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage
N 4 5/8"  SYR  5 2 7/8"
Guard Rail Gage must more than 54 3/8"
61 Back To Back
N 4 3/8"  SYR  5 2 7/8"
Back to Back Gage must be less than 53 1/8"

62 Condition
SYR
63 Location of Guard Rail (Relation to Point)
SYR

Guard Rail Clamps
64 Main Track
SYR N/A
65 Turnout Track
SYR 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 1/2” downgrade to
Class 2 and gets a Y

Remarks on page 3

OM/JC 11-10-2011

Turnout Ties
66 Condition
SYR N/A
67 Rail Movement
SYR N/A

Tie Plates
68 Lead
SYR N/A
69 Guard Rail Flangeway
SYR  N/A  R
Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates
SYR N/A
71 Frog Plates
SYR N/A

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

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

80 Hold Down Devices
SYR N/A
81 Spring Housing
SYR N/A
82 Derails
SYR N/A

83 Maximum difference in any 31’ in Cross

Level on the siding from the Frog Point to
50’ beyond the last long tie
{}

84 Condition of Line thru entire turnout
SYR

46.5 Y R
No new defects noted

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 11-10-13

11-10-2011
<table>
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<tr>
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<td>11-6-13</td>
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<tr>
<td><strong>Watchman</strong></td>
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<td>D RYDA</td>
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<tr>
<td>1 Location</td>
<td>SOUTHWEST FJERE</td>
</tr>
<tr>
<td>2 Switch I.D #</td>
<td>S35 1A</td>
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<tr>
<td>3 Facing</td>
<td>Trailing X</td>
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**Rail Points**

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<td>4 Point to Point</td>
<td>S1 7/8</td>
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<tr>
<td>5 Point Condition</td>
<td>S Y R</td>
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<tr>
<td>6 Point Throw</td>
<td>Min 3 1/2 inches on house top point protected</td>
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<tr>
<td>6a Point Opening</td>
<td>N 4 3/4 R 4 7/8</td>
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**Gage**

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<tbody>
<tr>
<td>Heel of Switch</td>
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<tr>
<td>9 Main</td>
<td>S6 1/2</td>
</tr>
<tr>
<td>10 Turnout</td>
<td>S6 1/2</td>
</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>S6 1/2</td>
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<tr>
<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
<td></td>
</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td>Turnout</td>
</tr>
<tr>
<td>13 Main</td>
<td>6 7/8</td>
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**Stock Rail**

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<td>14 Bend</td>
<td>S Y R</td>
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<td>15 Condition</td>
<td>S Y R</td>
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**Bolts**

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<tr>
<td>16 Loose</td>
<td>O N/A</td>
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<td>17 Missing</td>
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**Rivets (Huck Bolts)**

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<td>O N/A</td>
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<td>19 Missing</td>
<td>O N/A</td>
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<tr>
<td>20 Cotter Pins Missing</td>
<td>O N/A</td>
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<tr>
<td>21 Jam Nuts Loose</td>
<td>O N/A</td>
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<tr>
<td>21a Washers</td>
<td>Ok Broken Missing</td>
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**Switch Rods**

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**Remarks on page 3**

GATC 11-10-2011
Mainline Frog Inspection Report Semi-Annual

50 Location
50a Switch I.D. # ________________
51 Facing Trailing
52 Frog Tread N $ Y R 
R $ Y R
53 Frog # 10
54/79 Point Condition $ Y R
55 Condition of Frog $ Y R
56 Surface of Frog $ Y R
57 Throat in Inches 2 1/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"
Gage
58 Main Track 3 1/2
59 Turnout Track 3 6 3/4
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 3 1/4 R 3 1/2
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 3 1/8 R 3 1/2
Back to Back Gage must be less than 53 1/8"
62 Condition $ Y R
63 Location of Guard Rail (Relation to Point) $ Y R
Guard Rail Clamps
64 Main Track $ Y R N/A
65 Turnout Track $ Y R N/A

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

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

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

Rivets (Huck)
75 Loose o N/A
76 Missing o N/A
77 Nuts Missing o N/A
78 Cotter Pins Missing o N/A
79 Washers √ Broken Missing N/A
80 Hold Down Devices $ Y R N/A
81 Spring Housing $ Y R N/A
82 Derails $ Y R N/A

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

84 Condition of Line thru entire turnout $ Y R

Remarks on page 3
OM JC 11-10-2011
No New Defects

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 11-10-13

11-10-2011
Date: 11-6-13
Watchman: D. BYRD
1 Location: Titanium Business Park
2 Switch I.D #: 608
3 Facing: Trailing

**Rail Points**
4 Point to Point: 50
5 Point Condition: Y R
6 Point Throw: Min 3 1/2 inches on house top point protected
   N: 4 3/8
   R: 4 3/8

6a Point Opening
   N: 4 9/16
   R: 4 9/16

7 Fit
   Y Y R

8 General Condition of the Points
   Y Y R

**Gage**
Heel of Switch
9 Main: 50
10 Turnout: 50
11 Gage ahead of Bend: 52 1/2
   Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
   Turnout: 6 1/4
13 Main: 6 1/4

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

**Bolts**
16 Loose: O
17 Missing: O

**Rivets (Huck Bolts)**
18 Loose: O
19 Missing: O
20 Cotter Pins Missing: O
21 Jam Nuts Loose: O
21a Washers: O

**Remarks on page 3**
(OMIC 11-10-2011)

---

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

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

50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread
53 Frog #
54/79 Point Condition
55 Condition of Frog
56 Surface of Frog
57 Throat in Inches
58 Main Track
59 Turnout Track

Frog Inspection Report Semi-Annual

Page 2 of 3

Turnout Ties
66 Condition
67 Rail Movement

Tie Plates
68 Lead
69 Guard Rail Flangeway
Guard Rail Flangeway can not be less 1 ½"

70 Guard Rail Plates

Bolts
73 Loose

74 Missing

Rivets (Huck)
75 Loose

76 Missing

77 Nuts Missing

78 Cotter Pins Missing

79 Washers

80 Hold Down Devices

81 Spring Housing

82 Derails

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

84 Condition of Line thru entire turnout

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/4" downgrade to Class 2 and gets a Y

Remarks on page 3

GM:JC  11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 11-10-13

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date: 11-13-13
Watchman: D. BYRD

1 Location: TUNHUM
2 Switch I.D #: 658-1B
3 Facing: X Trailing

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

Gage
9 Heel of Switch
   56
10 Turnout
   56
11 Gage ahead of Bend
   Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
   Turnout: 4
13 Main: 6

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

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

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

Remarks on page 3

WO# 1229964 Page 1 of 3

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

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

Frog Inspection Report Semi-Annual

50 Location
50a Switch I.D. #

51 Facing Trailing
52 Frog Tread N Y R R Y R

53 Frog # 1

54/79 Point Condition Y R
55 Condition of Frog Y R
56 Surface of Frog Y R

57 Throat in Inches 3 1/4
72 Flangeway Depth 2

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

Gage
58 Main Track 5 3/8
59 Turnout Track 5 1/8

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 5 3/8 R 5 1/8

Guard Gage must more than 54 3/8"
61 Back To Back N 5 3/8 R 5 1/8

Back to Back Gage must be less than 53 1/8"
62 Condition Y R
63 Location of Guard Rail (Relation to Point) Y R

Guard Rail Clamps
64 Main Track Y R N/A
65 Turnout Track Y R N/A

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service
Class 3 Gage 56" to 57"

More than 57" to 57 1/4" downgrade to
Class 2 and gets a Y

Remarks on page 3

GMJC 11-10-2011

Page 2 of 3

Turnout Ties
66 Condition Y R N/A
67 Rail Movement Y R N/A

Tie Plates
68 Lead Y R N/A
69 Guard Rail Flangeway Y R N/A

Guard Rail Flangeway can not be less than 1 1/2"
70 Guard Rail Plates Y R N/A
71 Frog Plates Y R N/A

Bolts
73 Loose N/A
74 Missing N/A

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

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

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

84 Condition of Line thru entire turnout Y R
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 11-10-15

11-10-2011
Mainline  | Switch Inspection Report Semi-Annual  | WO# 1223750  | Page 1 of 3

<table>
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<tr>
<th>Date</th>
<th>11-6-13</th>
<th>Inspection Crew</th>
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<tbody>
<tr>
<td>Watchman</td>
<td>D BYRD</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>TIMONIUM</td>
<td></td>
</tr>
<tr>
<td>Switch</td>
<td>1 D # 656, 1A</td>
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<tr>
<td>Facing</td>
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**Rail Points**

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<th>Point to Point</th>
<th>51 3/8</th>
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<tbody>
<tr>
<td>Point Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>Nothing less than 4 inches or greater than 5 inches.</td>
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</tr>
<tr>
<td>Point Throw, Min 3 1/2 inches on house top point protected</td>
<td>N 4 3/16 R 4 3/4</td>
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<tr>
<td>Point Opening</td>
<td>N 5 R 5</td>
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**Gage**

<table>
<thead>
<tr>
<th>Fit</th>
<th>S Y R</th>
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<tr>
<td>General Condition of the Points</td>
<td>S Y R</td>
</tr>
<tr>
<td>Heel of Switch</td>
<td>S 6 5/8</td>
</tr>
<tr>
<td>Turnout</td>
<td>S 6 5/8</td>
</tr>
<tr>
<td>Gage ahead of Bend</td>
<td>S 6 5/8</td>
</tr>
<tr>
<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
<td></td>
</tr>
<tr>
<td>Heel Spread in Inches</td>
<td>T 6 7/8</td>
</tr>
<tr>
<td>Turnout</td>
<td>C 7/4</td>
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<tr>
<td>Main</td>
<td>C 7/4</td>
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**Stock Rail**

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<th>Bend</th>
<th>S Y R</th>
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<tr>
<td>Condition</td>
<td>S Y R</td>
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**Bolts**

<table>
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<tr>
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<th>N/A</th>
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**Rivets (Huck Bolts)**

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<th>Loose</th>
<th>N/A</th>
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<tbody>
<tr>
<td>Missing</td>
<td>N/A</td>
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<tr>
<td>Cotter Pins Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>Jam Nuts Loose</td>
<td>N/A</td>
</tr>
<tr>
<td>Washers</td>
<td>OK</td>
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**Remarks on page 3**

(GMJ 11-10, 2011)

22 Standard Joints
S Y R N/A

23 Switch Plates
S Y R

24 Adjustable Braces
S Y R N/A

24a Non-Adjustable Braces
S Y R N/A

Switch Rods

25 Front Rod
S Y R N/A

26 #1 Rod (Basket Rod)
S Y R

27 #2 Rod
S Y R

28 #3 Rod
S Y R N/A

29 #4 Rod
S Y R N/A

30 Closure Rail
S Y R

31 Surface of Switch
S Y R

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

32 Head Block Ties
S Y R

33 Switch Adjustments
Yes

34 Lubrication
Dry

35 Switch Targets, Lamps
OK Missing N/A

36 Latches
OK Broken Missing

37 Locks
OK Broken Missing

38 General Condition
S Y R

39 Insulated Joints
S Y R

30a Regular Joints
S Y R
50 Location 
50a Switch I.D. # 
51 Facing 
52 Frog Tread N Y R R Y R 
53 Frog # 10 
54/79 Point Condition Y R 
55 Condition of Frog Y R 
56 Surface of Frog Y R 
57 Throat in Inches 3 1/4 
58 Flangeway Depth 2 
Flangeway Depth must not be less than 1 1/2” 
Gage 
58 Main Track 5 5/6 
59 Turnout Track 5 6/6 
Gage must not be less than 56” any class 
Guard Rails 
60 Guard Rail Gage N 54 3/8 R 54 3/8 
Guard Rail Gage must more than 54 3/8” 
61 Back to Back N 52 3/4 R 52 3/4 
Back to Back Gage must be less than 53 1/8” 
62 Condition Y R 
63 Location of Guard Rail (Relation to Point) Y R 
Guard Rail Clamps 
64 Main Track Y R N/A 
65 Turnout Track Y R N/A 

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

Remarks on page 3

GM JC 11-10-2011

Turnout Ties
66 Condition Y R N/A
67 Rail Movement Y R N/A

Tie Plates
68 Lead Y R N/A
69 Guard Rail Flangeway Y R N/A 1 1/8 R 1 7/8 
Guard Rail Flangeway can not be less 1 1/8
70 Guard Rail Plates Y R N/A
71 Frog Plates Y R N/A

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

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

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

83 Maximum difference in any 31’ in Cross

Level on the siding from the Frog Point to
50’ beyond the last long tie
Ok Difference __________

84 Condition of Line thru entire turnout Y R
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 11-10-13

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 11-6-13
Watchman D. BYRD
Location TIMONIA
Switch 1 D. # 638, 38
Facing X Trailing

Rail Points
4 Point to Point 51\%\%
5 Point Condition
S Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw, Min 3 1/2 inches on house top point protected
N 4\%\% R 4\%\%
6a Point Opening
N 5\%\% R 5\%\%

7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
Heel of Switch
9 Main 56\%\%
10 Turnout 56\%\%
11 Gage ahead of Bend 56\%\%
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout 0\%\%
13 Main 0\%\%

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

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

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

Remarks on page 3

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

Switch Rods
25 Front Rod
S Y R N/A
26 #1 Rod (Basket Rod)
S Y R
27 #2 Rod
S Y R
28 #3 Rod
S Y R N/A
29 #4 Rod
S Y R N/A
30 Closure Rail
S Y R

31 Surface of Switch
S Y R
Using a 62’ cord, not over
1” to 1 1/2” for a Y and no
more than 1 1/2” to 1 3/4”
For a R, Great than 13/4” is Out of Service

32 Head Block Ties
S Y R
33 Switch Adjustments
Yes No

34 Lubrication
Ok Dry

35 Switch Targets/Lamps
Ok Missing N/A

36 Latches
Ok Broken Missing

37 Locks
Ok Broken Missing

38 General Condition
S Y R

39 Insulated Joints
S Y R
40a Regular Joints
50 Location
50a Switch I.D. #
51 Facing  Trailing
52 Frog Tread  N  S  Y  R
   R  S  Y  R
53 Frog #  
54/79 Point Condition  S  Y  R
55 Condition of Frog  S  Y  R
56 Surface of Frog  S  Y  R

57 Throat in Inches  3 1/4
72 Flangeway Depth  1
Flangeway Depth must not be less than 1 1/4"  

Gage
58 Main Track  5 6 3/4  
59 Turnout Track  5 6 3/4
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage  N  S  Y  R  S  Y  3/4
Guard Rail Gage must more than 54 3/8"
61 Back To Back  N  5 6 3/4  R  S  Y  3/4
Back to Back Gage must be less than 53 1/8"
62 Condition  S  Y  R
63 Location of Guard Rail (Relation to Point)  S  Y  R

Guard Rail Clamps
64 Main Track  S  Y  R  N/A
65 Turnout Track  S  Y  R  N/A

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

Turnout Ties
66 Condition  S  Y  R  N/A
67 Rail Movement  S  Y  R  N/A

Tie Plates
68 Lead  S  Y  R  N/A
69 Guard Rail Flangeway  S  Y  R  N/A
Guard Rail Flangeway can not be less 1 1/4"
70 Guard Rail Plates  S  Y  R  N/A
71 Frog Plates  S  Y  R  N/A

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

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

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

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

84 Condition of Line thru entire turnout  S  Y  R

Remarks on page 3

GM JC 11-10-2011
13 ties, 4 in front of 습 Mach
9 습 Mach to arrow

Poor surface from central to concrete ties, Pumping ¼" insufficient
(20 ties in a row)

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 11-10-13

11-10-2011
Mainline Switch Inspection Report Semi-Annual

W.O. 1223746  Page 1 of 3

Date 11-6-13  Inspection Crew
Watchman  D B Y R D
1 Location Timonium
2 Switch I.D. # 6-58-3A
3 Facing Trail

Rail Points
4 Point to Point 514
5 Point Condition
S Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw Min 3 1/2 inches on house top point protected
N 4 7% R 4 7%
6a Point Opening
N 5 7% R 5 7%
7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
Heel of Switch
9 Main 514
10 Turnout 514
11 Gage ahead of Bend 514
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout 6 7%
13 Main 6 7%

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

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

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

Remarks on page 3

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

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

<table>
<thead>
<tr>
<th>50 Location</th>
<th>51 Facing</th>
<th>52 Frog Tread</th>
<th>53 Frog #</th>
<th>54/79 Point Condition</th>
<th>55 Condition of Frog</th>
<th>56 Surface of Frog</th>
<th>57 Throat In Inches</th>
<th>72 Flangeway Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>N/Y/R</td>
<td>10</td>
<td>Y/R</td>
<td>Y/R</td>
<td>R</td>
<td>3 1/4</td>
<td>2</td>
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Flangeway Depth must not be less than 1 1/4”

### Gage

<table>
<thead>
<tr>
<th>58 Main Track</th>
<th>59 Turnout Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>56 3/32</td>
<td>56 3/32</td>
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</tbody>
</table>

Gage must not be less than 56” any class

### Guard Rails

<table>
<thead>
<tr>
<th>60 Guard Rail Gage</th>
<th>61 Back To Back Gage</th>
</tr>
</thead>
<tbody>
<tr>
<td>54 3/8</td>
<td>52 1/8</td>
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</tbody>
</table>

Guard Rail Gage must more than 54 3/8”

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

### Turnout Ties

<table>
<thead>
<tr>
<th>66 Condition</th>
<th>67 Rail Movement</th>
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<tbody>
<tr>
<td>S Y/R N/A</td>
<td>S Y/R N/A</td>
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### Tie Plates

<table>
<thead>
<tr>
<th>68 Lead</th>
<th>69 Guard Rail Flangeway</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y/R N/A</td>
<td>S Y/R N/A</td>
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Guard Rail Flangeway can not be less 1 1/4”

### Guard Rail Plates

<table>
<thead>
<tr>
<th>70 Guard Rail Plates</th>
<th>71 Frog Plates</th>
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<tbody>
<tr>
<td>S Y/R N/A</td>
<td>S Y/R N/A</td>
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### Bolts

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<thead>
<tr>
<th>73 Loose</th>
<th>74 Missing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Rivets (Huck)

<table>
<thead>
<tr>
<th>75 Loose</th>
<th>76 Missing</th>
<th>77 Nuts Missing</th>
<th>78 Cotter Pins Missing</th>
<th>79 Washers</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>N/A</td>
<td>0</td>
<td>Ok</td>
</tr>
</tbody>
</table>

### Rivets (N/A)

<table>
<thead>
<tr>
<th>80 Hold Down Devices</th>
<th>81 Spring Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y/R N/A</td>
<td>S Y/R (N/A)</td>
</tr>
</tbody>
</table>

### Derrails

<table>
<thead>
<tr>
<th>82 Derrails</th>
<th>83 Maximum Difference in any 31’ in Cross</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y/R N/A</td>
<td>Difference (Ok)</td>
</tr>
</tbody>
</table>

### Level

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

### Condition of Line thru entire turnout

<table>
<thead>
<tr>
<th>84 Condition of Line thru entire turnout</th>
</tr>
</thead>
<tbody>
<tr>
<td>S Y/R</td>
</tr>
</tbody>
</table>

---

**Remarks on page 3**

GM JC 11-10-2011
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 11-10-13

11-10-2011
Date 11-19-2013

Watchman D. BEARD

1 Location CONRAIL - FLEX 460
2 Switch I.D. # 126
3 Facing Trailing

Rail Points
4 Point to Point 5/16
5 Point Condition $YR
6 Point Throw Min 3 1/2 inches on house top point protected

$ R 4 3/4

6a Point Opening
N 5 R $

7 Fit $YR

8 General Condition of the Points $YR

Gage
Heel of Switch
9 Main 52 3/4
10 Turnout 52 3/4

11 Gage ahead of Bend 52 3/4
Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches
Turnout 0 3/4
Main 6 7/8

Stock Rail
14 Bend $YR

15 Condition $YR

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

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

Switch Rods
25 Front Rod $YR N/A

26 #1 Rod (Basket Rod) $YR
27 #2 Rod $YR
28 #3 Rod $YR N/A

29 #4 Rod $YR N/A
30 Closure Rail $YR

31 Surface of Switch $YR

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

32 Head Block Ties $YR

33 Switch Adjustments Yes (No)

34 Lubrication Ok Dry

35 Switch Targets/Lamps Ok Missing N/A

36 Latches Ok Broken Missing

37 Locks Ok Broken Missing

38 General Condition $YR

39 Insulated Joints $YR

39a Regular Joints $YR

Remarks on page 3

CMM 11-10-2011
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Frog Inspection Report Semi-Annual</th>
<th>Page 2 of 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Location</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50a Switch I.D. #</td>
<td></td>
<td></td>
</tr>
<tr>
<td>51 Facing</td>
<td>Trailing</td>
<td></td>
</tr>
<tr>
<td>52 Frog Tread</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>S Y R</td>
<td>R</td>
</tr>
<tr>
<td>53 Frog #</td>
<td></td>
<td></td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>3 1/4</td>
<td></td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flangeway Depth must not be less than 1 1/2&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Gage</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>58 Main Track</td>
<td>52 1/2</td>
<td></td>
</tr>
<tr>
<td>59 Turnout Track</td>
<td>52 1/2</td>
<td></td>
</tr>
<tr>
<td>Gage must not be less than 56&quot; any class</td>
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<tr>
<td><strong>Guard Rails</strong></td>
<td></td>
<td></td>
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<tr>
<td>60 Guard Rail Gage</td>
<td>S 4 1/4% R S 4 1/4%</td>
<td></td>
</tr>
<tr>
<td>Guard Rail Gage must more than 54 3/8&quot;</td>
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<td></td>
</tr>
<tr>
<td>61 Back To Back</td>
<td>S 2 1/4% R S 2 1/4%</td>
<td></td>
</tr>
<tr>
<td>Back to Back Gage must be less than 53 1/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62 Condition</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>63 Location of Guard Rail (Relation to Point)</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td><strong>Guard Rail Clamps</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64 Main Track</td>
<td>S Y R N/A</td>
<td></td>
</tr>
<tr>
<td>65 Turnout Track</td>
<td>S Y R N/A</td>
<td></td>
</tr>
<tr>
<td><strong>Turnout Ties</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>66 Condition</td>
<td>S Y R N/A</td>
<td></td>
</tr>
<tr>
<td>67 Rail Movement</td>
<td>S Y R N/A</td>
<td></td>
</tr>
<tr>
<td><strong>Tie Plates</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>68 Lead</td>
<td>S Y R N/A</td>
<td></td>
</tr>
<tr>
<td>69 Guard Rail Flangeway</td>
<td>S Y R N/A</td>
<td>1 1/4&quot;</td>
</tr>
<tr>
<td>Guard Rail Flangeway can not be less 1 1/4&quot;</td>
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<td></td>
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<tr>
<td>70 Guard Rail Plates</td>
<td>S Y R N/A</td>
<td></td>
</tr>
<tr>
<td>71 Frog Plates</td>
<td>S Y R N/A</td>
<td></td>
</tr>
<tr>
<td><strong>Bolts</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>73 Loose</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>74 Missing</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Rivets (Huck)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75 Loose</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>76 Missing</td>
<td>0</td>
<td>N/A</td>
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<tr>
<td>77 Nuts Missing</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>78 Cotter Pins Missing</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>79 Washers</td>
<td>OK Broken</td>
<td>Missing</td>
</tr>
<tr>
<td><strong>Hold Down Devices</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80 Hold Down Devices</td>
<td>S Y R N/A</td>
<td></td>
</tr>
<tr>
<td>81 Spring Housing</td>
<td>S Y R N/A</td>
<td></td>
</tr>
<tr>
<td>82 Deraills</td>
<td>S Y R N/A</td>
<td></td>
</tr>
<tr>
<td><strong>Maximum difference in any 31' in Cross</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level on the siding from the Frog Point to 50' beyond the last long tie</td>
<td>Ok Difference</td>
<td></td>
</tr>
<tr>
<td><strong>Condition of Line thru entire turnout</strong></td>
<td>S Y R</td>
<td></td>
</tr>
</tbody>
</table>

**Remarks on page 3**

OM:JC 11-10-2011
No new defects noted.

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

Reviewed by: [Signature] Date: 11-25-13

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 11-19-2013
Watchman D BYRD
1 Location CARROLL
2 Switch I D # 207 1B
3 Facing Trailing

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

6a Point Opening
N $5\ 1/2$
R $5\ 1/2$

7 Fit $S\ Y\ R$
8 General Condition of the Points $S\ Y\ R$

Gage
Heel of Switch $S\ 8\ 1/2$
9 Main $S\ 9\ 1/2$
10 Turnout $S\ 9\ 1/2$
11 Gage ahead of Bend $S\ 9\ 1/2$
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
Turnout $6\ 1/4$
13 Main $6\ 1/4$

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

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

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

Remarks on page 3

WO# 1237842 Schisler N. Bryant

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

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

Frog Inspection Report Semi-Annual

50 Location
50a Switch I.D. #

51 Facing
Trailing

52 Frog Tread
N  S Y R
R  S Y R

53 Frog # 10

54/79 Point Condition
S Y R

55 Condition of Frog
S Y R

56 Surface of Frog
S Y R

57 Throat in Inches 3 1/4

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

Gage
58 Main Track 52 3/16
59 Turnout Track 52 3/16
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 3/8  R 54 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 3/16  R 52 3/16
Back to Back Gage must be less than 53 1/8"

62 Condition
S Y R

63 Location of Guard Rail (Relation to Point)
S Y R

Guard Rail Clamps
64 Main Track
S Y R N/A
65 Turnout Track
S Y R N/A

Turnout Ties
66 Condition
S Y R N/A

67 Rail Movement
S Y R N/A

Tie Plates
68 Lead
S Y R N/A

69 Guard Rail Flangeway
S Y R N / 1 1/16  R / 1 1/16
Guard Rail Flangeway can not be less 1 1/4"

70 Guard Rail Plates
S Y R N/A

71 Frog Plates
S Y R N/A

Bolts
73 Loose
S Y R N/A

74 Missing
S Y R N/A

Rivets (Huck)
75 Loose
S Y R N/A

76 Missing
S Y R N/A

77 Nuts Missing
S Y R N/A

78 Cotter Pins Missing
S Y R N/A

79 Washers
S Y R N/A

80 Hold Down Devices

81 Spring Housing
S Y R N/A

82 Derails
S Y R N/A

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

84 Condition of Line thru entire turnout
S Y R

Remarks on page 3

GMJC 11-10-2011
Remarks

FIRE HAZARD - LEAVES IN PT AREA

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: M. Royce Date: 11-25-13

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date: 11-19-2013
Watchman: D. BYRD

1 Location
2 Switch I.D. # 2071B
3 Facing: Trailing

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

Gage
9 Heel of Switch: 5 6 1/2
10 Turnout: 5 6 1/2
11 Gage ahead of Bend: 5 6 1/2
   Must not be less than 56 inches or
   more than 57 inches for “S”
12 Heel Spread in Inches
   Turnout: 5 6 1/2
13 Main: 5 6 1/2

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

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

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

Remarks on page 3

GMJC: 11-10-2011
Mainline

50 Location
50a Switch I.D. #
51 Facing Trailing
52 Frog Tread N $Y R$
R $Y R$
53 Frog # 10
54/79 Point Condition
$S Y R$
55 Condition of Frog
$S Y R$
56 Surface of Frog
$S Y R$
57 Throat in Inches $3.75$
72 Flangeway Depth $rac{3}{4}$
Flangeway Depth must not be less than $1 \frac{1}{2}$

Gage
58 Main Track $rac{3}{8}$
59 Turnout Track $rac{3}{8}$
Gage must not be less than $56''$ any class
Guard Rails
60 Guard Rail Gage N $S4 \bar{Y}6$ R $S4 \bar{Y}6$
Guard Rail Gage must more than $54 \frac{3}{8}''$
61 Back To Back N $S2 \bar{Y}6$ R $S2 \bar{Y}6$
Back to Back Gage must be less than $53 \frac{1}{8}''$
62 Condition $S Y R$
63 Location of Guard Rail (Relation to Point)
$S Y R$

Guard Rail Clamps
64 Main Track $Y R N/A$
65 Turnout Track $Y R N/A$

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

Remarks on page 3

GM:JC 11.10.2011

Frog Inspection Report Semi-Annual

Page 2 of 3

Turnout Ties
66 Condition
$S Y R N/A$
67 Rail Movement
$S Y R N/A$

Tie Plates
68 Lead
$S Y R N/A$
69 Guard Rail Flangeway
$S Y R N/A$
Guard Rail Flangeway can not be less (1 1/2'')
70 Guard Rail Plates
$S Y R N/A$
71 Frog Plates
$S Y R N/A$

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

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

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

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

84 Condition of Line thru entire turnout
$S Y R$
FIRE-HAZARD - LEAVES IN PT AREA

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: ___________________________ Date: 11-23-13

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 11-19-2013
Watchman D Byrd
1 Location Carroll
2 Switch I.D. # 207 3B
3 Facing X Trailing

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

Gage
Heel of Switch $1/8$
9 Main $1/8$
10 Turnout $1/8$
11 Gage ahead of Bend $1/8$
   Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
   Turnout $1/8$
13 Main $1/8$

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

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

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

Remarks on page 3

GMEC 11-10-2011

WO# 1237752

Inspection Crew T Schisler W Bryant

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

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

50 Location __________________________
50a Switch I.D. # __________________________
51 Facing Trailing
52 Frog Tread N Y R
          R Y R
53 Gage 1/2
54/79 Point Condition Y R
55 Condition of Frog Y R
56 Surface of Frog Y R

57 Throat in Inches 3 1/4
72 Flangeway Depth 2

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

Gage
58 Main Track 5 1/8
59 Turnout Track 5 1/2
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 5 4 3/8 R 5 4 3/6
61 Back To Back N 5 2 1/2 R 5 2 1/4
Back to Back Gage must be less than 53 1/8"
62 Condition Y R
63 Location of Guard Rail (Relation to Point) Y R

Guard Rail Clamps
64 Main Track Y R N/A
65 Turnout Track Y R N/A

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

Remarks on page 3

Turnout Ties
66 Condition
    Y R N/A
67 Rail Movement
    Y R N/A

Tie Plates
68 Lead
    Y R N/A
69 Guard Rail Flangeway
    Y R N 1 1/4 R 1 3/8
Guard Rail Flangeway can not be less 1 1/4"
70 Guard Rail Plates
    Y R N/A
71 Frog Plates
    Y R N/A

Bolts
73 Loose N/A
74 Missing N/A

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

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

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

84 Condition of Line thru entire turnout
    Y R

OM: JC 11-10-2011
FIRE HAZARD - LEAVES IN PT AREA

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature] Date: 11-23-13

11-10-2011
Mainline Switch Inspection Report Semi-Annual

Date 11-19-2013
Watchman D. BYRD

1 Location CARROLL
2 Switch I.D. # 207 3A
3 Facing X Trailing

Rail Points
4 Point to Point 51/2
5 Point Condition S Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throw Min 3 1/2 inches on house top point protected
N 47/8 R 47/8
6a Point Opening N S R S

7 Fit S Y R
8 General Condition of the Points S Y R

Gage
9 Main 55 9/16
10 Turnout 57 1/8
11 Gage ahead of Bend 56 1/2
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
Turnout 6 1/8
13 Main 6 1/8

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

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

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

Remarks on page 3
GMDC 11-10-2013

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

Switch Rods
25 Front Rod S Y R N/A
26 #1 Rod (Basket Rod) S Y R
27 #2 Rod S Y R
28 #3 Rod S Y R N/A

Closure Rail S Y R

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

Frog Inspection Report Semi-Annual

50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N Y R R
53 Frog # 10
54/79 Point Condition S Y R
55 Condition of Frog S Y R
56 Surface of Frog S Y R
57 Throat in Inches 3 1/4
58 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track S 5/8
59 Turnout Track S 3/4
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 3/4 3/4 R 3/4 3/4
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 2 3/4 R 3/4
Back to Back Gage must be less than 53 1/8”

62 Condition S Y R
63 Location of Guard Rail (Relation to Point) S Y R

Guard Rail Clamps
64 Main Track S Y R N/A
65 Turnout Track S Y R N/A

50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N Y R R
53 Frog # 10
54/79 Point Condition S Y R
55 Condition of Frog S Y R
56 Surface of Frog S Y R
57 Throat in Inches 3 1/4
58 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track S 5/8
59 Turnout Track S 3/4
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 3/4 3/4 R 3/4 3/4
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 2 3/4 R 3/4
Back to Back Gage must be less than 53 1/8”

62 Condition S Y R
63 Location of Guard Rail (Relation to Point) S Y R

Guard Rail Clamps
64 Main Track S Y R N/A
65 Turnout Track S Y R N/A

Turnout Ties
66 Condition S Y R N/A
67 Rail Movement S Y R N/A

Tie Plates
68 Lead S Y R N/A
69 Guard Rail Flangeway S Y R N/A
Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates S Y R N/A
71 Frog Plates S Y R N/A

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

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

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

83 Maximum difference in any 31' in Cross

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

84 Condition of Line thru entire turnout S Y R

Remarks on page 3
OM JF 11-10-2011
Pitted Freq Pt, throat area starting to smell

Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by: [Signature]  Date: 11-23-13

11-10-2011