<table>
<thead>
<tr>
<th>Mainline</th>
<th>Switch Inspection Report Semi-Annual</th>
<th>WO# 1302941</th>
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<tbody>
<tr>
<td>Date</td>
<td>2-7-14</td>
<td>Page 1 of 3</td>
</tr>
<tr>
<td>Watchman</td>
<td>LAM</td>
<td>Sell ALCHIN</td>
</tr>
<tr>
<td>1 Location</td>
<td>CROMWELL</td>
<td></td>
</tr>
<tr>
<td>2 Switch I.D. #</td>
<td>4805 R MOW SW</td>
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</tr>
<tr>
<td>3 Facing</td>
<td>X Trailing</td>
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</table>

**Rail Points**
- 4 Point to Point: 50 3/4
- 5 Point Condition: S Y R
- 6 Point Throw, nothing less than 4 3/4 inches: N 5 1/4
- 6a Point Opening: N 5 3/4
- 7 Fit: S Y R
- 8 General Condition of the Points: S Y R

**Gage**
- Heel of Switch:
  - 9 Main: 56 1/2
  - 10 Turnout: 56 1/4
  - 11 Gage ahead of Bend: 56 1/2
- Must not be less than 56 inches or more than 57 inches for “S”
- 12 Heel Spread in Inches:
  - Turnout: 6 1/4
  - 13 Main: 6 3/8

**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: Broken Missing

**Remarks on page 3**
GM/JC 6/15/10
Mainline

Frog Inspection Report Semi-Annual

50 Location Cromwell
50a Switch I.D. 
4805 5mow sw
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog # 8
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 3/8
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"
Gage
58 Main Track
59 Turnout Track
Gage must not be less than 56" any class
Guard Rails
60 Guard Rail Gage N 54 3/4 R 54 3/4
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 S Y R
63 Location of Guard Rail (Relation to Point) S Y R

Guard Rail Clamps
64 Main Track S Y R
65 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 1/2" downgrade to
Class 2 and gets a Y

Remarks on page 3

GMJC 6/15/10

Turnout Ties
66 Condition S Y R
67 Rail Movement S Y R

Tie Plates
68 Lead S Y R
69 Guard Rail Flangeway S Y R N 7/8 R 7/8
Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates S Y R
71 Frog Plates S Y R

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 Missing

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

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

84 Condition of Line thru entire turnout S 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.
Reviewed by: ___________________________ Date: ___________________________
Mainline Switch Inspection Report Semi-Annual Inspection Crew

Date 2-7-14  WO# 1302935  Page 1 of 3

Watchman LAM  SCEU PINCHIN

Location 3W1  2 Switch I.D. # 104 Rw mom Sw
3 Facing Trailing X

Rail Points
4 Point to Point 51 1/8
5 Point Condition S Y R
6 Point Throw, nothing less than 4 3/4 inches N R 5
6a Point Opening N R 5 3/8

General Condition of the Points S Y R
Gage
Heel of Switch 56 11/16
9 Main 56 5/8
10 Turnout 56 5/8
11 Gage ahead of Bend 56 3/4
Must not be less than 56 inches or more than 57 inches for “S”

Heel Spread in Inches
Turnout 6 5/8
13 Main 6 5/8

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

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

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

Remarks on page 3
OMJC 6/15/10

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 V N/A
36 Latches Ok Broken V Missing
37 Locks Ok Broken V 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

Page 2 of 3

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

Turnout Ties
66 Condition
67 Rail Movement
Tie Plates
68 Lead
69 Guard Rail Flangeway
Guard Rail Flangeway can not be less 1 1/8"
70 Guard Rail Plates
71 Frog Plates

Bolts
73 Loose
74 Missing

Rivets (Huck)
75 Loose
76 Missing
77 Nuts Missing
78 Cotter Pins Missing
79 Washers

Hold Down Devices
80 Spring Housing
81 Derails

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

Remarks on page 3

GM/JC 6/15/10
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.

Reviewed by: ___________________________ Date: ___________________________

06-15-10
GM/JC 6/15/10
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<th>Mainline</th>
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<th>Inspection Crew</th>
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<tr>
<td>Date</td>
<td>2-7-14</td>
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<tr>
<td>Watchman</td>
<td>L                        1m</td>
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<td>Location</td>
<td>Cromwell</td>
<td></td>
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<tr>
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<td>Rail Points</td>
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<tr>
<td>4 Point to Point</td>
<td>50 3/4</td>
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<tr>
<td>5 Point Condition</td>
<td>S Y R</td>
<td></td>
</tr>
<tr>
<td>6 Point Throw, nothing less than 4 3/16 inches</td>
<td>N 5 1/16 R 5 1/8</td>
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<td>6a Point Opening</td>
<td>N 5 1/2 R 5 1/2</td>
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<td>7 Fit</td>
<td>S Y R</td>
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<td>8 General Condition of the Points</td>
<td>S Y R</td>
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<tr>
<td>Gage</td>
<td></td>
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<tr>
<td>Heel of Switch</td>
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<tr>
<td>9 Main</td>
<td>56 5/16</td>
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<tr>
<td>10 Turnout</td>
<td>56 5/16</td>
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</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>56 1/2</td>
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<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
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<tr>
<td>12 Heel Spread in Inches</td>
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<tr>
<td>Turnout</td>
<td>6 3/16</td>
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</tr>
<tr>
<td>13 Main</td>
<td>6 3/16</td>
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</tr>
<tr>
<td>Stock Rail</td>
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<td>14 Bend</td>
<td>S Y R</td>
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<tr>
<td>15 Condition</td>
<td>S Y R</td>
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<tr>
<td>Bolts</td>
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</tr>
<tr>
<td>16 Loose</td>
<td>✓ N/A</td>
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<td>17 Missing</td>
<td>✓ N/A</td>
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<td>Rivets (Huck Bolts)</td>
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<tr>
<td>18 Loose</td>
<td>✓ N/A</td>
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<td>19 Missing</td>
<td>✓ N/A</td>
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</tr>
<tr>
<td>20 Cotter Pins Missing</td>
<td>✓ N/A</td>
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</tr>
<tr>
<td>21 Jam Nuts Loose</td>
<td>✓ N/A</td>
<td></td>
</tr>
<tr>
<td>21a Washers</td>
<td>✓ Broken ✓ Missing</td>
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<tr>
<td>Remarks on page 3</td>
<td></td>
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</tr>
</tbody>
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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

OMJC 6/13/10
Mainline Frog Inspection Report Semi-Annual Page 2 of 3

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 ______
60 Guard Rail Gage ______
61 Back To Back ______
62 Condition ______
63 Location of Guard Rail (Relation to Point) ______
64 Main Track ______
65 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

OM/JC 6/15/10

Turnout Ties

66 Condition ______
67 Rail Movement ______
68 Lead ______
69 Guard Rail Flange Way ______
70 Guard Rail Plates ______
71 Frog Plates ______

Bolts
72 Loose _____ Y N/A
74 Missing _____ Y N/A

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

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 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

OM/JC 6/15/10
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.
Reviewed by: ____________________________ Date: ____________________________

06-15-10
GM/JC 6/15/10
Mainline Switch Inspection Report Semi-Annual

Date: 3-12-2014

Watchman: [Signature]

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

**Rail Points**
4. Point to Point: 51/8
5. Point Condition: SYR
6. Point Throw: Min 3 1/2 inches on house top point protected
   N: 11/316, R: 4 1/4

6a. Point Opening: N: 5 1/16, R: 5 1/16
7. Fit: SYR
8. General Condition of the Points: SYR

**Gage**
9. Heel of Switch: 56 3/16
10. Main: 56 3/16
11. Turnout: 56 3/16
12. Gage ahead of Bend: 56 3/16
   Must not be less than 56 inches or more than 57 inches for “S”
13. Heel Spread in Inches:
   Turnout: 6 1/4

**Stock Rail**
14. Bend: SYR
15. Condition: SYR

**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 Broken: Missing

**Switch Rods**
25. Front Rod: SYR N/A
26. #1 Rod (Basket Rod): SYR
27. #2 Rod: SYR
28. #3 Rod: SYR N/A
29. #4 Rod: SYR N/A
30. Closure Rail: SYR
31. Surface of Switch:
   SYR
   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: SYR
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: SYR
39. Insulated Joints: SYR
39a. Regular Joints: SYR

**Remarks on page 3**

[Signature] GMJR 11-16-2011
Mainline

Frog Inspection Report Semi-Annual

50 Location
50a Switch I.D. # 770
51 Facing Trailing
52 Frog Tread N 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 4
72 Flangeway Depth 1 3/4
Flangeway Depth must not be less than 1 1/2”

Gage
58 Main Track 5 6 1/2
59 Turnout Track 5 6 1/2
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 54 1/2 R
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 52 1/2 R 52 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 1/2”
70 Guard Rail Plates S Y R N/A

Bolts
73 Loose 5 N/A
74 Missing 8 N/A

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

GM JC 11-10-2011
5 hat bolts loose

Need new derail sign

Rotted 12' tie

Switch inspection complete

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: 3-25-14

11-10-2011