Mainline Switch Inspection Report Semi-Annual

Date 3-12-2014 Inspection Crew
Watchman
1 Location CM 881
2 Switch I.D. # 837
3 Facing 1 trailing

Rail Points
4 Point to Point 517
5 Point Condition S Y R
6.6 Point Throw, nothing less than 4 ¾ inches
N 4.9
6a Point Opening
N 4.3
7 Fit
S Y R
8 General Condition of the Points S Y R

Gage
Heel of Switch
9 Main 56.9
10 Turnout 56.9
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 6.3
13 Main 6.4

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 Broken Missing

Remarks on page 3
GMJC 6/13/10

WO# 1421938 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 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

50 Location
50a Switch I.D. # P37
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
58 Flangeway Depth 2
Flangeway Depth must not be less than 1 ½"

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

Guard Rails
60 Guard Rail Gage N 54 3/8 R 54 1/2
Guard Rail Gage must be more than 54 3/8"
61 Back To Back N 52 3/4 R 52 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
65 Turnout Track S 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 1/2" downgrade to
Class 2 and gets a Y

Frog Inspection Report Semi-Annual

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 1 1/2 R 1 3/8
Guard Rail Flangeway can not be less 1 1/2"
70 Guard Rail Plates S Y R
71 Frog Plates S Y R

Bolts
72 Loose 1 N/A
74 Missing 1 N/A

Rivets (Huck)
75 Loose 1 N/A
76 Missing 1 N/A
77 Nuts Missing 1 N/A
78 Cotter Pins Missing 1 N/A
79 Washers Ok Broken Missing

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/EC 6/15/10
Switch inspection complete
No notable defects found

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: [Signature] Date: 3-25-14

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

Date 3-12-2014  Inspection Crew
Watchman
1 Location CM769
2 Switch I.D. # 769 SW
3 Facing Trailing

Rail Points
4 Point to Point 51 3/16
5 Point Condition SYR
6 Point Throw, nothing less than 4 3/4 inches N 4 5/8
6a Point Opening N 4 5/8
7 Fit SYR
8 General Condition of the Points SYR

Gage
Heel of Switch 56 7/8
9 Main 56 7/8
10 Turnout 56 7/8
11 Gage ahead of Bend 56 5/8
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches Turnout 6 7/8
13 Main 6 7/8

Stock Rail
14 Bend SYR
15 Condition SYR

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

Rivets (Huck Bolts)
18 Loose N/A
19 Missing 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
GM/1C 6/15/10

WO# 1421994  Page 1 of 3

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

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 Ok 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
### Mainline

#### Frog Inspection Report Semi-Annual

<table>
<thead>
<tr>
<th>Turnout Ties</th>
<th>Page 2 of 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>66 Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>67 Rail Movement</td>
<td>S Y R</td>
</tr>
<tr>
<td>68 Lead</td>
<td>S Y R</td>
</tr>
<tr>
<td>69 Guard Rail Flangeway</td>
<td>S Y R N 1 1/2 R 2</td>
</tr>
<tr>
<td>70 Guard Rail Plates</td>
<td>S Y R</td>
</tr>
<tr>
<td>71 Frog Plates</td>
<td>S Y R</td>
</tr>
<tr>
<td><strong>Bolts</strong></td>
<td></td>
</tr>
<tr>
<td>73 Loose</td>
<td>N/A</td>
</tr>
<tr>
<td>74 Missing</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Rivets (Huck)</strong></td>
<td></td>
</tr>
<tr>
<td>75 Loose</td>
<td>N/A</td>
</tr>
<tr>
<td>76 Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>77 Nuts Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>78 Cotter Pins Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>79 Washers</td>
<td>Ok Broken Missing</td>
</tr>
</tbody>
</table>

### Guard Rails

| 60 Guard Rail Gage | N 54 3/4 R 54 |
| **Guard Rail Gage must more than 54 3/8”** |
| 61 Back To Back | N 52 1/4 R 52 |
| **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 | S 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 1/2” downgrade to Class 2 and gets a Y**

### Remarks on page 3

| GM/JC 6/15/10 |
Switch inspection complete

No notable defects found
see 1421936 for details

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: [Signature]
Date: 3-25-14

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

Date 3-12-2014  Inspection Crew
Watchman
1 Location 887 MOW SW CM 887
2 Switch I.D. #
3 Facing Trailing

Rail Points
4 Point to Point 51 5/16
5 Point Condition S Y R

Point Throw, nothing less than 4 3/4 inches
N N
6a Point Opening
7 Fit S Y R
8 General Condition of the Points S Y R

Gage
Heel of Switch
9 Main 5 1/2 5 1/2
10 Turnout 5 1/2 5 1/2
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 5 1/2 6 1/2
13 Main 5 1/2 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 Broken Missing

Remarks on page 3
GMJC 6/15/10

WO# 1421936 Page 1 of 3
Rollard Sell Alchin

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 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
50 Location
50a Switch I.D. # 87
51 Facing  Trailing
52 Frog Track N S Y R
   R S Y R
53 Frog # 15
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  2 3/8
72 Flangeway Depth  2 7/8
Flangeway Depth must not be less than 1 1/4"
Gage
58 Main Track  56 5/8
59 Turnout Track  56 9/16
Gage must not be less than 56” any class
Guard Rails
60 Guard Rail Gage N 54 11/16 R 54 5/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back  N 52 3/4 R 52 4/16
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
65 Turnout Track  S 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 1/2” downgrade to
Class 2 and gets a Y

Remarks on page 3
OM/JC 6/15/10

Turnout Ties
66 Condition  S Y R
67 Rail Movement  S Y R
68 Lead  S Y R
69 Guard Rail Flangeway  S Y R N 1 7/8 R 1 5/8
Guard Rail Flangeway can not be less 1 1/4"
70 Guard Rail Plates  S Y R
71 Frog Plates  S Y R

Bolts
73 Loose  8 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

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
Front Rod has bolts rubbing against tie saver pad

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: 3-25-2014

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

Date: 3/20/14

Watchman: W. Bryen

1 Location: CMN 723
2 Switch ID: # 723 N Mow SW
3 Facing: Trailing X

Rail Points
4 Point to Point 51 1/4
5 Point Condition
6 Point Throw: Min 3 1/2 inches on house top point protected
6a Point Opening
7 Fit
8 General Condition of the Points

Gage
 infinitely
9 Main 5 6/16
10 Turnout 7 7/16
11 Gage ahead of Bend 6 7/16
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
13 Main 4 7/16

Stock Rail
14 Bend
15 Condition

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
21a Washers Ok Broken Missing

Remarks on page 3

GMIJC 4/10/2011

22 Standard Joints
23 Switch Plates
24 Adjustable Braces
24a Non-Adjustable Braces

Switch Rods
25 Front Rod
26 #1 Rod (Basket Rod)
27 #2 Rod
28 #3 Rod
29 #4 Rod
30 Closure Rail
31 Surface of Switch
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
33 Switch Adjustments
Yes No
34 Lubrication
35 Switch Targets/Lamps
Ok Missing N/A
36 Latches
37 Locks
Broken Missing
38 General Condition
39 Insulated Joints
39a Regular Joints
50 Location
50a Switch I.D. #
51 Facing
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 3/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"
Gage
58 Main Track S 3/4 L
59 Turnout Track S 3/4 L
Gage must not be less than 56” any class
Guard Rails
60 Guard Rail Gage N S 4 1/2 R S 4 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N S 3 3/4 R S 2 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

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
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: 3-26-14

11-10-2011
Mainline

Switch Inspection Report Semi-Annual

Date 1/20/14

Watchman B. Bryant

1 Location CMN 760
2 Switch I.D. # 760 N MOV SW
3 Facing X Trailing

Rail Points

4 Point to Point SD ¾ R
5 Point Condition SYR
6 Point Throw Min 3 1/2 inches on house top point protected
   N 5 ½ R 5 ½
6a Point Opening
   N 5 ¾ R 5 ¾
7 Fit
   SYR
8 General Condition of the Points SYR

Gage

Heel of Switch
9 Main SD ¾
10 Turnout SD 3/4
11 Gage ahead of Bend SD ¾
   Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
   Turnout G ¾
13 Main G ¾

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 J N/A
21 Jam Nuts Loose N/A
21a Washers (Ok) Broken N/A

Remarks on page 3

GM/RC 11-16-2011

Inspection Crew J. Boulton T. Schuster

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

Switch Rods

25 Front Rod SYR N/A
26 #1 Rod (Basket Rod) SYR
27 #2 Rod SYR
28 #3 Rod SYR
29 #4 Rod SYR N/A
30 Closure Rail SYR N/A
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
   Ok Dry
35 Switch Targets/Lamps
   Ok Missing N/A
36 Latches
   Ok Broken N/A
37 Locks
   Ok Broken N/A
38 General Condition SYR
39 Insulated Joints SYR
39a Regular Joints SYR

WO# 1422085
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location
50a Switch I.D. # 760
51 Facing Trailing
52 Frog Tread N S Y R
R S Y R
53 Frog # 0
54/79 Point Condition
($) Y R
55 Condition of Frog
S Y R
56 Surface of Frog
($) Y R

57 Throat in Inches 3 3/8
72 Flangeeway Depth 1 1/8
Flangeeway Depth must not be less than 1 1/2"

Gage
58 Main Track 56/2
59 Turnout Track 56 3/8
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 7/8 R 54 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 52 3/8 R 52 5/8
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 1/2" 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
($) Y R N/A
69 Guard Rail Flangeeway
($) Y R N/A
Guard Rail Flangeeway can not be less 1 1/2"
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

Remarks on page 3

QM JC 11-10-2011
Broken living rail on turnout side
Go loose braces
The live rail deteriorating
Cracked

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: 3-25-14

11-10-2011
Mainline

Switch Inspection Report Semi-Annual

Date __3/20/14___ Inspection Crew
Watchman __W. BRYANT___
1 Location CMN 758
2 Switch I.D. # 758 new sw-b
3 Facing Trailing X

Rail Points
4 Point to Point 52 Y
5 Point Condition
5 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 4 R 4
7 Fit
5 Y R
8 General Condition of the Points
5 Y R

Gage
Heel of Switch
9 Main __5-3/4 __
10 Turnout __5-3/4 _
11 Gage ahead of Bend __5-1/4 _
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
Turnout __3/4 __
13 Main __6-1/8 __

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

Bolts
16 Loose __S__ 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

Remarks on page 3

WO# __1422100__ Page 1 of 3

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

Switch Rods
25 Front Rod
5 Y R N/A
26 #1 Rod (Basket Rod)
5 Y R
27 #2 Rod
5 Y R
28 #3 Rod
5 Y R N/A
29 #4 Rod
5 Y R N/A
30 Closure Rail
5 Y R
31 Surface of Switch
5 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
5 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
5 Y R
39 Insulated Joints
5 Y R
39a Regular Joints
5 Y R
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 3/8
58 Flangeway Depth  3 1/8
Flangeway Depth must not be less than 1 1/2"
59 Main Track  S  Y  R
Gage
60 Guard Rail Gage  S  Y  R
Guard Rail Gage must more than 54 3/8"
61 Back To Back  S  Y  R
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

Remarks on page 3
GMJC 11-10-2011
Remarks

1. ROTTED 9'
2. LOOSE FREE BOLT
3. SPIKE KILLED TIMBERS (22')

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: 3-25-14

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

Date 3/20/14
Watchman W. BRYANT
1 Location CMN 758
2 Switch I.D. # 758 N mow SW-A
3 Facing ____________ Trailing ____________

Rail Points
4 Point to Point ____________ 51 1/4
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 ____________ 4 3/4 ____________ R ____________ 4 3/4
6a Point Opening
N ____________ S ____________ R ____________ S
7 Fit
S Y R
8 General Condition of the Points
S Y R

Gage
9 Heel of Switch
S ____________ 6 3/4
10 Turnout ____________ 6 3/4
11 Gage ahead of Bend ____________ 6 3/4
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout ____________ 7 1/4
13 Main ____________ 7 1/4

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) 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
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

Remarks on page 3

CMT 11-10-2011

WO# 1422687
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

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

57 Throat in Inches 3 3/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 ½"

Gage
58 Main Track $ G 3/8
59 Turnout Track $ L -3/16
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N $ 4 7/8 R $ 4 7/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N $ 4 7/8 R $ 4 7/8
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 1/2" downgrade to
Class 2 and gets a Y

Turnout Ties
66 Condition $ Y 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 ½"
70 Guard Rail Plates $ Y R N/A
71 Frog Plates $ Y R N/A

Bolts
73 Loose 2 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

Remarks on page 3

GM JC 11-10-2011
2. Loosy Screw Spikes
1. Right 1st Timber

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: 3-25-14

11-10-2011
Mainline  Switch Inspection Report Semi-Annual  WO# 1435794

Date  3/21/14  Inspection Crew  T. Swisler  M. Pollard
Watchman  W. Bryant
1 Location  Texas North
2 Switch I.D. # 713 1-8
3 Facing  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  S  R  S
6a Point Opening
N  S 1/8  R  S 1/8
7 Fit
(S) Y R
8 General Condition of the Points
(S) Y R

Gage
Heel of Switch
9 Main  50 3/4
10 Turnout  50 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  6 3/4
13 Main  6 3/4

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

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

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

Remarks on page 3

CMJC 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 1 3/4” 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
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
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Frog Inspection Report Semi-Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Location</td>
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</tr>
<tr>
<td>50a Switch I.D. #</td>
<td></td>
</tr>
<tr>
<td>51 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>52 Frog Tread</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>R</td>
</tr>
<tr>
<td>53 Frog #</td>
<td>1D</td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>Y</td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>S</td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>S</td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>3 1/4</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>2</td>
</tr>
</tbody>
</table>

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

**Gage**

| 58 Main Track | S | Y | R |
| 59 Turnout Track | S | Y | R |

**Gage must not be less than 56” any class**

**Guard Rails**

| 60 Guard Rail Gage | N | S | 4 3/16 | R | S | 4 1/4 |
| Guard Rail Gage must more than 54 3/8” |
| 61 Back To Back | N | S | 2 7/8 | R | S | 2 5/8 |
| 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 |

**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 3/4 |
| 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 |

**Remarks on page 3**

GM: JC 11-10-2011
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: 3-25-14

11-10-2011
### Mainline

**Switch Inspection Report Semi-Annual**

**Date**

3/21/14

**Watchman**

W. BRYANT

**Location**

TENNESSEE - NORTHERN

**Switch I.D. #**

711

**Facing**

Trailing

---

### Rail Points

- **4 Point to Point**
  - 52%<br>

- **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 4 1/8
  - R 4 7/8

- **7 Fit**
  - S Y R

- **8 General Condition of the Points**
  - S Y R

### Gage

- **Heel of Switch**
  - S 56 9/16

- **9 Main Track**
  - 56 9/16

- **10 Turnout**
  - S 56 9/16

- **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 3/8
  - Main 5/8

---

### 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**
  - OK Broken Missing

---

### 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

---

**Remarks on page 3**

GMJC 11-10-2011
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Frog Inspection Report Semi-Annual</th>
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</thead>
<tbody>
<tr>
<td>50 Location</td>
<td></td>
</tr>
<tr>
<td>50a Switch I.D. #</td>
<td></td>
</tr>
<tr>
<td>51 Facing</td>
<td>Trailing</td>
</tr>
<tr>
<td>52 Frog Tread</td>
<td>N Y R</td>
</tr>
<tr>
<td></td>
<td>R Y R</td>
</tr>
<tr>
<td>53 Frog #</td>
<td></td>
</tr>
<tr>
<td>54/79 Point Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>55 Condition of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>S Y R</td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>33/4</td>
</tr>
<tr>
<td>72 Flangeway Depth</td>
<td>13/4</td>
</tr>
<tr>
<td><strong>Flangeway Depth must not be less than 1 3/4</strong></td>
<td></td>
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<tr>
<td><strong>Gage</strong></td>
<td></td>
</tr>
<tr>
<td>58 Main Track</td>
<td>S2/3</td>
</tr>
<tr>
<td>59 Turnout Track</td>
<td>S2/3</td>
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<tr>
<td><strong>Gage must not be less than 56&quot; any class</strong></td>
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<tr>
<td><strong>Guard Rails</strong></td>
<td></td>
</tr>
<tr>
<td>60 Guard Rail Gage</td>
<td>N S1/3</td>
</tr>
<tr>
<td></td>
<td>R S4/3</td>
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<tr>
<td><strong>Guard Rail Gage must more than 54 3/8</strong></td>
<td></td>
</tr>
<tr>
<td>61 Back To Back</td>
<td>N S1/3</td>
</tr>
<tr>
<td></td>
<td>R S2/3</td>
</tr>
<tr>
<td><strong>Back to Back Gage must be less than 53 1/8</strong></td>
<td></td>
</tr>
<tr>
<td>62 Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>63 Location of Guard Rail (Relation to Point)</td>
<td>S Y R</td>
</tr>
<tr>
<td><strong>Guard Rail Clamps</strong></td>
<td></td>
</tr>
<tr>
<td>64 Main Track</td>
<td>S Y R N/A</td>
</tr>
<tr>
<td>65 Turnout Track</td>
<td>S Y R N/A</td>
</tr>
</tbody>
</table>

**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: 3-25-14

11-10-2011
Mainline  Switch Inspection Report Semi-Annual  WO# 1429415

Date  3/21/14  Inspection Crew
Watchman  W. BRYANT  SCHISLER  M. PULLEN
1 Location  TEXAS - SOUTH
2 Switch I.D.  G8-3
3 Facing  Trailing  X

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  5 3/16  R  4 3/16
6a Point Opening  N  5 3/16  R  5 3/16
7 Fit  (S) Y R
8 General Condition of the Points  (S) Y R

Gage
Heel of Switch
9 Main  5 6/16
10 Turnout  5 5/16
11 Gage ahead of Bend  5 7/16
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout  6 7/16
Main  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  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
39a Regular Joints  (S) Y R
50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N Y R R Y R
53 Frog # 15
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
57 Flangeway Depth 2

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

Gage
58 Main Track 3/4 3/4
59 Turnout Track 3/4

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N Y Y R Y Y Y

Guard Rail Gage must more than 54 3/8"
61 Back To Back N 3/4 3/4 R Y Y

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

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 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

84 Condition of Line thru entire turnout Y R

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: 7/6/65

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

Date 3/21/14

Watchman W. BRYANT

1 Location TEXAS - SOUTH
2 Switch I.D. # 496.18
3 Facing X - Trailing

Rail Points
4 Point to Point S 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 5/8 R 4 3/8.
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 S 1/4
10 Turnout S 1/4
11 Gage ahead of Bend S 1/4
   Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
   Turnout G 3/8
13 Main G 3/8

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 S Ok, Broken N/A

Remarks on page 3

WO# 1429309 Page 1 of 3

Inspection Crew TSCISLER M Pulaski

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 Closures 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
50 Location
50a Switch I.D. # _____________
51 Facing _______________________
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 ___3/4____
72 Flangeway Depth ___2___

Flangeway Depth must not be less than 1 1/4"

58 Main Track ___2 2/16___
59 Turnout Track ___2 3/16___

Gage must not be less than 56" any class

50 Guard Rail Gage N ___4 3/4___ R ___4 3/4___
61 Back To Back N ___2 3/16___ R ___2 3/16___

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

62 Location of Guard Rail (Relation to Point) (S Y R)
63 Condition (S 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 1/2" 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

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

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.
Mainline Switch Inspection Report Semi-Annual

WO# 1429413 Page 1 of 3

Date 3/21/14 Inspection Crew T. Schiller M. Pollara

Watchman W. Bryant
1 Location Texas - North
2 Switch I.D. # 113 1A
3 Facing X Trailing

Rail Points
4 Point to Point 51 3/4
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 4 3/4 R 4 3/4
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

Gage
9 Heel of Switch 
10 Turnout 56 3/4
11 Gage ahead of Bend 56 3/4 Must not be less than 56 inches or more than 57 inches for “S”

12 Heel Spread in Inches
13 Main 6 3/4

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 OK Broken Missing

Remarks on page 3

CMC 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 Y R
55 Condition of Frog Y R
56 Surface of Frog Y R
57 Throat in Inches 3/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track 5/32 1/4
59 Turnout Track 5/32 1/4
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 3/4 1/4 R 3/4 1/2
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 3/4 1/4 R 3/4 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 1/2” 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
YO R N/A 1 1/2"
Guard Rail Flangeway can not be less 1 1/2"
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
80’ beyond the last long tie
OK Difference

Remarks on page 3
GMJC 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: 3-25-14

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

Date 3/21/14
Watchman 1 Location TEXAS - NORTH
2 Switch I.D. #711-3
3 Facing X Trailing

Rail Points
4 Point to Point 51 S1/4
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 4 3/4 R 4 3/4
6a Point Opening N 5 1/8 R 5 1/8
7 Fit (S) Y R
8 General Condition of the Points (S) Y R

Gage
Heel of Switch
9 Main 9/4
10 Turnout 9 3/4
11 Gage ahead of Bend 50 3/4
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout 50 3/4
13 Main 50 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 0 N/A
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 (Dr)
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

Page 1 of 3
Mainline  Frog Inspection Report Semi-Annual  Page 2 of 3

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

53 Frog # 15
54/79 Point Condition  $YR
55 Condition of Frog  $YR
56 Surface of Frog  $YR

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

Gage
58 Main Track  5½
59 Turnout Track  5½
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage  N  $4 9/16  R  $4 5/8
Guard Rail Gage must more than 54 1/8"
61 Back To Back  N  $2 5/8  R  $2 19/32
Back to Back Gage must be less than 53 1/8"

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

Guard Rail Clamps
64 Main Track  $YR N/A
65 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 1/2" downgrade to
Class 2 and gets a Y

Turnout Ties
66 Condition
   $YR N/A
67 Rail Movement
   $YR N/A

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

80 Hold Down Devices  $YR N/A
81 Spring Housing  $YR N/A
82 Derails  $YR 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
   $YR Difference

84 Condition of Line thru entire turnout  $YR

Remarks on page 3
GM:JC 11-10-2011
#1 Rod RUBBER TIMBER

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: 3-24-14

11-10-2011