Mainline  Switch Inspection Report Semi-Annual  WO# 1279303

Date  12/17/13
Watchman  D. BYRD
1 Location  BALTO, HIGHLANDS
2 Switch 1 D. #  2691B
3 Facing  Y  Trailing

Rail Points
4 Point to Point  S1%
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  4 4/5  R  9 3/5
6a Point Opening
   N  S  R  S
7 Fit
   (Y R)
8 General Condition of the Points
   (Y R)
Gage
Heel of Switch
9 Main  52%
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  2
13 Main  2

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

Bolts
16 Loose  c  N/A
17 Missing  o  N/A

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

Remarks on page 3
CM: IC 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 3/4"
For a R, Greater 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 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 ______
72 Flangeway Depth ______
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
60 Guard Rail Gage N ______ 54 1/8 ______ R ______ 54 1/8 ______
Guard Rail Gage must more than 54 3/8"
61 Back To Back N ______ 52 3/8 ______ R ______ 3 3 ______
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

GM:JC 11-10-2011
SHELLER 10" on PT; ALSO BATTED.
BATTED THROUGH SHELLER.

LH SIE PT SHELLER
LH SIE CLOSURE SHELLER

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: 12-18-13

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

Date __12/17/13__
Watchman __D. BYRD__
1 Location __BALTO HIGHLANDS__
2 Switch I.D. # __269 3A__
3 Facing __Trailing__

Rail Points
4 Point to Point __51 1/8__
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
N __4 3/4__ R __4 3/4__
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 __52 1/8__
10 Turnout __51 1/2__
11 Gage ahead of Bend __51 1/2__
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
Turnout __1 1/4__
13 Main __1 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 __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, Greater 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

ONJC 11-16-2011

WO# __1279305__
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 3/4
72 Flangeeway Depth 2
Flangeeway Depth must not be less than 1 1/2
58 Main Track Y L
59 Turnout Track Y L
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 7/8
R 52 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
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 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 __ N/A
74 Missing __ N/A

Rivets (Huck)
75 Loose __ N/A
76 Nuts Missing __ N/A
77 Nuts Missing __ N/A
78 Cotter Pins Missing __ 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
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: 11-18-13

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

Date 12/17/13
Watchman D. BYRD
1 Location BALTO HIGHLANDS
2 Switch ID # 2691A
3 Facing X Trailing

Rail Points
4 Point to Point 5/2
5 Point Condition $ Y R
6 Point Throw Min 3 1/2 inches on house top point protected
N $ 5/2 R 1 3/4
6a Point Opening N 3 R 5

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

Gage
9 Heel of Switch 5 3/4
10 Turnout 5 3/4
11 Gage ahead of Bend 5 3/4
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout 4 1/4
13 Main 6 1/4

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

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

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

Remarks on page 3

WO# 1279301

Inspection Crew J. SCHISLER R. NELSON

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

CMJC 11-10-2011
Mainline

50 Location
50a Switch I.D. # 

51 Facing
Trailing

52 Frog Tread
\( \begin{align*} &N \quad Y \quad R \\ &R \quad Y \quad R \end{align*} \)

53 Frog # 10

54/79 Point Condition
\( \begin{align*} &S \quad Y \quad R \\
\end{align*} \)

55 Condition of Frog
\( \begin{align*} &S \quad Y \quad R \\
\end{align*} \)

56 Surface of Frog
\( \begin{align*} &S \quad Y \quad R \\
\end{align*} \)

57 Throat in Inches \( \frac{3}{32} \)

72 Flange way Depth 2

Flange way Depth must not be less than 1 1/2"

Gage

58 Main Track \( \frac{56}{32} \)

59 Turnout Track \( \frac{56}{32} \)

Gage must not be less than 56" any class

Guard Rails

60 Guard Rail Gage
\( \begin{align*} &N \quad S \quad 4 \quad \frac{3}{8} \\ &R \quad S \quad 4 \quad \frac{1}{2} \end{align*} \)

Guard Rail Gage must more than 54 3/8"

61 Back To Back
\( \begin{align*} &N \quad S \quad 3 \frac{1}{2} \\ &R \quad S \quad 3 \frac{1}{2} \end{align*} \)

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

62 Condition
\( \begin{align*} &S \quad Y \quad R \\
\end{align*} \)

63 Location of Guard Rail (Relation to Point)
\( \begin{align*} &S \quad Y \quad R \\
\end{align*} \)

Guard Rail Clamps

64 Main Track
\( \begin{align*} &S \quad Y \quad R \quad N/A \\
\end{align*} \)

65 Turnout Track
\( \begin{align*} &S \quad Y \quad R \quad N/A \\
\end{align*} \)

Turnout Ties

66 Condition
\( \begin{align*} &S \quad Y \quad R \quad N/A \\
\end{align*} \)

67 Rail Movement
\( \begin{align*} &S \quad Y \quad R \quad N/A \\
\end{align*} \)

Tie Plates

68 Lead
\( \begin{align*} &S \quad Y \quad R \quad N/A \\
\end{align*} \)

69 Guard Rail Flange way
\( \begin{align*} &S \quad Y \quad R \quad N/A \quad \frac{1}{2} \\ &R \quad \frac{1}{2} \end{align*} \)

Guard Rail Flange way can not be less 1 1/2"

70 Guard Rail Plates
\( \begin{align*} &S \quad Y \quad R \quad N/A \\
\end{align*} \)

71 Frog Plates
\( \begin{align*} &S \quad Y \quad R \quad N/A \\
\end{align*} \)

Bolts

73 Loose \( \bigcirc \) N/A

74 Missing \( \bigcirc \) N/A

Rivets (Huck)

75 Loose \( \bigcirc \) N/A

76 Missing \( \bigcirc \) N/A

77 Nuts Missing \( \bigcirc \) N/A

78 Cotter Pins Missing \( \bigcirc \) N/A

79 Washers \( \bigcirc \) Broken \( \bigcirc \) Missing \( \bigcirc \) N/A

80 Hold Down Devices
\( \begin{align*} &S \quad Y \quad R \quad N/A \\
\end{align*} \)

81 Spring Housing
\( \begin{align*} &S \quad Y \quad R \quad N/A \\
\end{align*} \)

82 Derails
\( \begin{align*} &S \quad Y \quad R \quad N/A \\
\end{align*} \)

83 Maximum difference in any 31' in Cross

Level on the siding from the Frog Point to
50' beyond the last long tie
\( \bigcirc \) Difference \( \bigcirc \)

84 Condition of Line thru entire turnout
\( \begin{align*} &S \quad Y \quad R \\
\end{align*} \)

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: 12-18-13

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

Date: 12/18/12
Watchman: D. Byrd
1 Location: Andover Rd.
2 Switch I.D.: 22-1B
3 Facing: Trailing

Rail Points
4 Point to Point: 5/3
5 Point Condition: Y R

6 Point Throw: Min 3 1/2 inches on house top point protected
N: 4 7/8
R: 5 5/8

6a Point Opening
N: 5 1/8
R: 5 3/8

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

Gage
9 Heel of Switch: 5/3 3/4
10 Turnout: 5/3 3/4
11 Gage ahead of Bend: 5/3 3/4
Must not be less than 56 inches or more than 57 inches for “S”
12 Heel Spread in Inches
Turnout: 1 3/4

13 Main

Stock Rail
14 Bend: Y R
15 Condition: 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

WO# 1300774 Page 1 of 3

22 Standard Joints
23 Switch Plates

24 Adjustable Braces
24a Non-Adjustable Braces

Switch Rods
25 Front Rod: Y R N/A
26 #1 Rod (Basket Rod)
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
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: Y R
33 Switch Adjustments
Yes: Y 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
39 Insulated Joints
39a Regular Joints

For a R, Greater than 13/4” is Out

Remarks on page 3

GVRJC 11-10-2011
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

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 3/8 
72 Flange way Depth 2 
Flange way Depth must not be less than 1 1/2"

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

Guard Rails 
60 Guard Rail Gage N 34 1/4 R 34 3/8 
Guard Rail Gage must more than 54 3/8" 
61 Back To Back N 42 3/4 R 42 1/4 
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

Remarks on page 3

GMJC 11-10-2011

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 Flange way 
(S) Y R N/A 1/4 R 1/8 
Guard Rail Flange way 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 
74 Missing 

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

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

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: 12-19-13

11-10-2011
Mainline  Switch Inspection Report Semi-Annual  WO# 1300770  Page 1 of 3

Date 12/18/13  Inspection Crew T. Schiske R. Nelson

Watchman D. Byrne
1 Location ANDOVER RD
2 Switch I.D. # 22-1A
3 Facing Trailing X

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 R 4
6a Point Opening
N S R S
7 Fit S Y R
8 General Condition of the Points S Y R

Gage
Heel of Switch
9 Main 56 3/4
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
Turnout 6 1/4
13 Main 6 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

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

GMI 11-11-2011
Mainline

Frog Inspection Report Semi-Annual

50 Location
50a Switch I.D. # __________________________
51 Facing __________________________
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 3/8
72 Flangeeway Depth 2
Flangeeway Depth must not be less than 1 1/2"

Gage
58 Main Track S 3 3/4
59 Turnout Track S 3 7/16
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 54 11/16 R 52 7/8
61 Back To Back N 52 11/16 R 52 7/16
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 1/2” downgrade to
Class 2 and gets a Y

Remarks on page 3

GMJC 11-10-2011

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 Flangeeway S Y R N/A
Guard Rail Flangeeway can not be less than 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

Hold Down Devices
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

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.
N/A Not applicable or not measurable.

Reviewed by: [Signature]       Date: 12-19-13

11-10-2011
Date _12/18/13___  
Watchman __D. Byrd___  
Location _.ANDOVER RD._  
Switch I.D. # _22-3a_  
Facing ___ X ___ Trailing ___  

---

**Rail Points**

4 Point to Point _51 1/4_  
5 Point Condition  
6 Point Throw  
N _4 7/16_  
6a Point Opening  
N _7 9/16_  
R _8 5/16_  
7 Fit  
8 General Condition of the Points  

---

**Gage**

Heel of Switch  
9 Main _56 1/2_  
10 Turnout _56 1/2_  
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 ____ 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**

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  

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**Remarks on page 3**

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GMJC 11-10-2011
Mainline

50 Location
50a Switch l.D. #

51 Facing
52 Frog Tread N  Y R

53 Frog # 10

54/79 Point Condition
(Y) 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 5 5/16

59 Turnout Track 5 3/16

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 more than 54 3/8"

61 Back To Back Gage N 52 7/8 R 52 3/8

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

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location
50a Switch l.D. #

51 Facing
52 Frog Tread N  Y R

53 Frog # 10

54/79 Point Condition
(Y) 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 5 5/16

59 Turnout Track 5 3/16

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 more than 54 3/8"

61 Back To Back Gage N 52 7/8 R 52 3/8

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

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

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 1/2 R 1 3/8

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

(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

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

(S) Y R

84 Condition of Line thru entire turnout

(S) Y R

GMJC 11-10-2011
Remarks

Pitted + Shelled Point
Battered Free Point
Pitted + Battered Throat Area
Leaves in Sw Point - GRE Hazard

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: 12-19-13

11-10-2011
Date: 12/18/13
Watchman: D. Byrd
1 Location: Andover Rd.
2 Switch I.D. #: 24
3 Facing: Trailing

<table>
<thead>
<tr>
<th>Rail Points</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Point to Point</td>
<td>51/4</td>
<td></td>
</tr>
<tr>
<td>5 Point Condition</td>
<td>SYR</td>
<td>Nothing less than 4 inches or greater than 5 inches.</td>
</tr>
<tr>
<td>6 Point Throw, Min</td>
<td>3 1/2 inches on house top point protected</td>
<td></td>
</tr>
<tr>
<td>6a Point Opening</td>
<td>N 4 3/4  R 4 1/4</td>
<td></td>
</tr>
<tr>
<td>7 Fit</td>
<td>SYR</td>
<td></td>
</tr>
<tr>
<td>8 General Condition of the Points</td>
<td>SYR</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gage</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Heel of Switch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 Main</td>
<td>52 1/2</td>
<td></td>
</tr>
<tr>
<td>10 Turnout</td>
<td>56 7/16</td>
<td></td>
</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>56 9/16</td>
<td>Must not be less than 56 inches or more than 57 inches for “S”</td>
</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td>Turnout</td>
<td>6 1/4</td>
</tr>
<tr>
<td>13 Main</td>
<td>6 1/4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stock Rail</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>14 Bend</td>
<td>SYR</td>
<td></td>
</tr>
<tr>
<td>15 Condition</td>
<td>SYR</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bolts</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>16 Loose</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>17 Missing</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rivets (Huck Bolts)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>18 Loose</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>19 Missing</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>20 Cotter Pins Missing</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>21 Jam Nuts Loose</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>21a Washers Ok Broken Missing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks on page 3</th>
<th></th>
<th></th>
</tr>
</thead>
</table>

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
32 Head Block Ties
33 Switch Adjustments
34 Lubrication
35 Switch Targets/Lamps
36 Latches
37 Locks
38 General Condition
39 Insulated Joints
39a Regular Joints
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 # ___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 1/4
72 Flangeway Depth  
2
Flangeway Depth must not be less than 1 1/4"

Gage
58 Main Track  
S 6 1/2
59 Turnout Track  
S 6 3/8
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage  
N 4 9/16  
R 5 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back  
N 2 1/4  
R 2 1/2
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 1/2  
R  1/4
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 (Ok)  
Broken  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

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.

Reviewed by: [Signature] Date: 12-19-13

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

**Mainline**

<table>
<thead>
<tr>
<th>Date</th>
<th>12/18/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watchman</td>
<td>D Byer</td>
</tr>
<tr>
<td>Location</td>
<td>Andover Rd</td>
</tr>
<tr>
<td>Switch I.D.</td>
<td>27 3B</td>
</tr>
<tr>
<td>Facing</td>
<td>Y</td>
</tr>
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### Rail Points

<table>
<thead>
<tr>
<th>4 Point to Point</th>
<th>5⅛</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Point Condition</td>
<td>S Y R</td>
</tr>
<tr>
<td>6 Point Throw</td>
<td>Min 3 1/2 inches on house top point protected</td>
</tr>
</tbody>
</table>

### Gage

<table>
<thead>
<tr>
<th>9 Main</th>
<th>56 ⅙</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Turnout</td>
<td>56 ⅙</td>
</tr>
<tr>
<td>11 Gage ahead of Bend</td>
<td>56 ⅙</td>
</tr>
<tr>
<td>12 Heel Spread in Inches</td>
<td></td>
</tr>
</tbody>
</table>

### Stock Rail

<table>
<thead>
<tr>
<th>14 Bend</th>
<th>S Y R</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 Condition</td>
<td>S Y R</td>
</tr>
</tbody>
</table>

### Bolts

<table>
<thead>
<tr>
<th>16 Loose</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 Missing</td>
<td>0</td>
</tr>
</tbody>
</table>

### Rivets (Huck Bolts)

<table>
<thead>
<tr>
<th>18 Loose</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 Missing</td>
<td>0</td>
</tr>
<tr>
<td>20 Cotter Pins Missing</td>
<td>0</td>
</tr>
<tr>
<td>21 Jam Nuts Loose</td>
<td>0</td>
</tr>
<tr>
<td>21a Washers</td>
<td>OK</td>
</tr>
</tbody>
</table>

### Remarks on page 3

---

**WO# 1300860**

**Inspection Crew**

T. Schuler R. Nelson

- 22 Standard Joints
- 23 Switch Plates
- 24 Adjustable Braces
- 24a Non-Adjustable Braces
- 25 Front Rod
- 26 #1 Rod (Basket Rod)
- 27 #2 Rod
- 28 #3 Rod
- 29 #4 Rod
- 30 Closure Rail
- 31 Surface of Switch
- 32 Head Block Ties
- 33 Switch Adjustments
- 34 Lubrication
- 35 Switch Targets/Lamps
- 36 Latches
- 37 Locks
- 38 General Condition
- 39 Insulated Joints
- 39a Regular Joints

---

**Switch Rods**

<table>
<thead>
<tr>
<th>25 Front Rod</th>
<th>S Y R</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 #1 Rod (Basket Rod)</td>
<td>S Y R</td>
</tr>
<tr>
<td>27 #2 Rod</td>
<td>S Y R</td>
</tr>
<tr>
<td>28 #3 Rod</td>
<td>S Y R</td>
</tr>
<tr>
<td>29 #4 Rod</td>
<td>S Y R</td>
</tr>
</tbody>
</table>

**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**

---

**GFRJC 11-10-2011**
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 3/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track 5/8 1/16
59 Turnout Track 5/8 1/16
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 5/8 3/8 R 5/8 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5/8 1/16 R 52 3/8
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

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: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

Date 12/18/13

Watchman D BYRD

1 Location CAMP MÉDÉ JCT
2 Switch I.D. # 373-1
3 Facing X Trailing

Rail Points
4 Point to Point ≤1 3/8
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
   N ≤4 1/2 R ≤4 1/2
6a Point Opening
   N ≤6 R ≤6
7 Fit
   (S) Y R
8 General Condition of the Points
   (S) Y R

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

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

GM/CT 11-10-2011

WO# 1286637

Inspection Crew T. SCHISLER R. NELSON

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 Y Y R R Y Y R
53 Frog # 13
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 3/4
72 Flangeway Depth 2
Flangeway Depth must not be less than 1 1/2"

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

Guard Rails
60 Guard Rail Gage N 5 4 3/8 R 5 4 3/8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 2 7/8 R 5 2 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 1/2" 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

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 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

84 Condition of Line thru entire turnout S Y R

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: 12-19-13

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

Date 12/31/33 Inspection Crew T. SCHISLER R. NELSON

Watchman D. BYRD

1 Location Chap Merrie Jet
2 Switch I.D. # 36718
3 Facing X Trailing

Rail Points
4 Point to Point 51 1/8
5 Point Condition
6 Point Throw. Min 3 1/2 inches on house top point protected
7 Fit

Point Opening
8 General Condition of the Points

Square
9 Main 51 1/8
10 Turnout 51 1/8

Gage ahead of Bend 51 1/8
Must not be less than 56 inches or more than 57 inches for "S"

Heel Spread in Inches
12 Heel Spread in Inches
13 Main 6 1/8

Stock Rail
14 Bend
15 Condition

Square

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

GMFC 11-10-2011

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
Ok Dry

35 Switch Targets/Lamps
Ok Missing N/A

36 Latches
< (OK Broken Missing
37 Locks
< (OK Broken Missing

38 General Condition
39 Insulated Joints
39a Regular Joints
Mainline

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 3/8
72 Flangeway Depth ______ 2
Flangeway Depth must not be less than 1 1/8"

Gage
58 Main Track ______ 51 3/8
59 Turnout Track ______ 51 3/8
Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N ______ S 4 7/16 R ______ S 4 7/16
Guard Rail Gage must more than 54 3/8"
61 Back To Back N ______ S 2 5/16 R ______ S 2 5/16
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 1/2" downgrade to
Class 2 and gets a Y

Remarks on page 3

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
Guard Rail Flangeway can not be less 1 1/8"
70 Guard Rail Plates (S) Y R N/A
71 Frog Plates (S) 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

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

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: 12-19-13

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

Date 12/18/13
Watchman D. Byrd
1 Location: Camp Meade Jct.
2 Switch 1. D. # 367, 34
3 Facing: N

Rail Points
4 Point to Point 5.1
5 Point Condition (Y R)
6 Point Throw: Min 3 1/2 inches on house top point protected
N 4 1/4
6a Point Opening
4 1 1/2
7 Fit (Y R)
8 General Condition of the Points (Y R)

Gage
Heel of Switch
9 Main 5 1/2
10 Turnout 5 3/4
11 Gage ahead of Bend 5 7/8
Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
Turnout 1 3/8
13 Main 6 1/2

Stock Rail
14 Bend (Y R)
15 Condition (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

6MJC 11-10-2011

Inspection Crew: T. Schisler R. Nelson

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  

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 ____________________________
72 Flangeway Depth ____________________________

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

Gage
58 Main Track $56 1/2$
59 Turnout Track $56 5/16$

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 $52 3/4$ 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 1/2” 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/A$

Guard Rail Flangeway can not be less i 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
80 $ 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$

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: 12-19-13

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

Date 12/18/13
Watchman D Byrd
1 Location Camp Meade Jct
2 Switch I.D. # 3671A
3 Facing Trailing

Rail Points
4 Point to Point 51 3/8
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
9 Heel of Switch
10 Turnout 56 7/16
11 Gage ahead of Bend 56 7/16 Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches
13 Main 5/8

Stock Rail
14 Bend
15 Condition

Bolts
16 Loose
17 Missing

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

Remarks on page 3

GM CC 11-10-2011

Inspection Crew I Schuler P Nelson

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
32 Head Block Ties
33 Switch Adjustments
34 Lubrication
35 Switch Targets/Lamps
36 Latches
37 Locks
38 General Condition
39 Insulated Joints
39a Regular Joints

W# 128692Q
Mainline

Frog Inspection Report Semi-Annual

Page 2 of 3

50 Location
50a Switch I.D. #
51 Facing
52 Frog Tread N Y 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 3/8
58 Flangeway Depth 2

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

Gage
58 Main Track 56 7/16
59 Turnout Track 56 3/8

Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N 54 3/8 R 54 7/16
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

Remarks on page 3

GMJC 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
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

Hold Down Devices
80 Y R N/A

Spring Housing
81 Y R N/A

Derails
82 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

84 Condition of Line thru entire turnout Y R

GMJC 11-10-2011
Mainline

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 __________
72 Flangeway Depth ________
Flangeway Depth must not be less than 1 ½”

Gage
58 Main Track ____________________________
59 Turnout Track ____________________________
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N R ______________________
Guard Rail Gage must more than 54 3/8”
61 Back To Back N 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 ½”
More than 57 ½” Out of Service
Class 3 Gage 56” to 57”
More than 57” to 57 ¼” downgrade to Class 2 and gets a Y

Remarks on page 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 ½”
70 Guard Rail Plates S Y R N/A
71 Frog Plates S 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

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

GMJC 11-10-2011
LEAVES IN SWPT AREA - FIRE HAZARD

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. Boykin  Date: 12-19-13

11-10-2011