### Mainline Switch Inspection Report Semi-Annual

**Date:** 12/3/13  
**Watchman:** B. PANUSKA  
**Location:** HAMBURG  
**Switch I.D. #:** 421B  
**Facing:** X  
**Trailing**  

<table>
<thead>
<tr>
<th>Rail Points</th>
</tr>
</thead>
</table>
| 4 Point to Point: | S1 3/8  
| 5 Point Condition: | S Y R  
| 6 Point Throw: | Min 3 1/2 inches on house top point protected  
| 6a Point Opening: | N 4 3/4 R 4 3/4  
| 7 Fit: | S Y R  
| 8 General Condition of the Points: | S Y R  

| Gage |  
| Heel of Switch: |  
| Main: | S 5/8  
| Turnout: | S 5 3/8  
| 11 Gage ahead of Bend: | S 5/8  
| Must not be less than 56 inches or more than 57 inches for “S” |  
| 12 Heel Spread in Inches: |  
| Turnout: | 6 1/4  
| 13 Main: | 6 1/4  

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

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

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

### Remarks on page 3

**OAMIC 11-10-2011**

- 22 Standard Joints: S Y R N/A  
- 23 Switch Plates: S Y R  
- 24 Adjustable Braces: S Y R N/A  
- 24a Non-Adjustable Braces: S Y R (N/A)  
- **Switch Rods:**  
  - 25 Front Rod: S Y R N/A  
  - 26 #1 Rod (Basket Rod): S Y R  
  - 27 #2 Rod: S Y R  
  - 28 #3 Rod: S Y R N/A  
  - 29 #4 Rod: S Y R N/A  
  - 30 Closure Rail: S Y R  
  - 31 Surface of Switch: S Y R  
  - Using a 62" cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"  
  - For a R, Great than 13/4" is Out of Service  
- 32 Head Block Ties: S Y R  
- 33 Switch Adjustments: Yes N/A  
- 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. # ______________________
51 Facing ________________________________
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 ________
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 □ Y R □
63 Location of Guard Rail (Relation to Point) □ Y R □

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

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

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

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

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: 12-15-18

11-10-2011
Mainline    Switch Inspection Report Semi-Annual    WO# 1261341

Date 12/3/13
Watchman B. Pawlusa

1 Location  Hamburg
2 Switch I.D. # 42-3B
3 Facing Trailing

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

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

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

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

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 Trailing
 52 Frog Tread N S Y R
       R S Y R
 53 Frog # 6
 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 3/8
Flangeway Depth must not be less than 1 1/2"
Gage
 58 Main Track 56 1/2
 59 Turnout Track 56 1/2
Gage must not be less than 56" any class
Guard Rails
 60 Guard Rail Gage N 54 1/2 R 54 1/2
Guard Rail Gage must more than 54 3/8"
 61 Back To Back N 52 1/2 R 52 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

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 1/8 R 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 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 (X) 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

83 Maximum difference in any 31" in Cross
Level on the siding from the Frog Point to
50' beyond the last long tie
(X) 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: ___________________________  Date: 12-15-13

11-10-2011
Mainline

Date 12/3/13
Watchman R. Panuska
1 Location CAMDEN SOUTH
2 Switch ID # 30 3A
3 Facing X Trailing

Rail Points
4 Point to Point 57 3/8
5 Point Condition Y R
6 Point Throw Min 3 1/2 inches on house top point protected
N 4 3/8 R 4 3/8
6a Point Opening
N 4 3/8 R 4 3/8

Eit Y R
8 General Condition of the Points Y R

Gage
9 Heel of Switch 5L 3/8
10 Turnout 5L 1/2
11 Gage ahead of Bend 5L 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 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

WO# 1261331
Page 1 of 3

Inspection Crew T. Schioler W. Bryant

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

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 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 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

CAMUS-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 R
54/79 Point Condition Y R
55 Condition of Frog Y R
56 Surface of Frog Y R
57 Throat in Inches 3 1/2
58 Flangeway Depth 2
59 Flangeway Depth not be less than 1 1/2" Gage S 1/2
60 Guard Rail Gage N 1/4 R 1/4
Guard Rail Gage must not be less than 56" any class
61 Back To Back N 1/2 R 1/2
62 Condition Y R
63 Location of Guard Rail (Relation to Point) Y R
64 Main Track Y R N/A
65 Turnout Track Y R N/A

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 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

84 Condition of Line thru entire turnout 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

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: 12-15-13

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

Date: 12/3/13

Watchman: B. Panuska

1 Location: CAMBEA - South
2 Switch I.D. #: 30 3R
3 Facing: X Trailing

Rail Points
4 Point to Point: 5 1/4
5 Point Condition: Y R Nothing less than 4 inches or greater than 5 inches.
6 Point Throat: Min 3 1/2 inches on house top point protected
   N 4 3/6 R 4 3/6
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 1/2
10 Turnout: 5 3/6
11 Gage ahead of Bend: 5 6 1/2
   Must not be less than 56 inches or more than 57 inches for "S"
12 Heel Spread in Inches: Turnout 1 1/6
13 Main 0 3/6

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

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

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

Remarks on page 3

WO# 1/2/13 33

Inspection Crew: T Schisler W Bryant

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

Switch Rods
25 Front Rod: Y R N/A
26 #1 Rod (Basket Rod): Y R
27 #2 Rod: Y R
28 #3 Rod: Y R N/A
29 #4 Rod: Y R N/A
30 Closure Rail: Y R
31 Surface of Switch: Y R
   Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4" for a R. Great than 13/4" is Out of Service
32 Head Block Ties: Y R
33 Switch Adjustments: Yes (No)
34 Lubrication: Ok (Dry)
35 Switch Targets/Lamps: Ok Missing (N/A)
36 Latches: Ok Broken Missing
37 Locks: Ok Broken Missing
38 General Condition: Y R
39 Insulated Joints: Y R
39a Regular Joints: Y R
Mainline
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
Gage must not be less than 56” any class
Guard Rails
60 Guard Rail Gage
61 Back To Back
62 Condition
63 Location of Guard Rail (Relation to Point)
Guard Rail Clamps
64 Main Track
65 Turnout Track

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

GM-JC 11-10-2011

Turnout Ties
66 Condition
67 Rail Movement
Tie Plates
68 Lead
69 Guard Rail Flangeway
Guard Rail Flangeway can not be less 1 ½”
70 Guard Rail Plates
71 Frog Plates
Bolts
73 Loose
74 Missing

Rivets (Huck)
75 Loose
76 Missing
77 Nuts Missing
78 Cotter Pins Missing
79 Washers
80 Hold Down Devices
81 Spring Housing
82 Derails
83 Maximum difference in any 31’ in Cross
Level on the siding from the Frog Point to
50’ beyond the last long tie
84 Condition of Line thru entire turnout
<table>
<thead>
<tr>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEAVES IN POINT AREA - FIRE HAZARD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Reviewed by:</th>
<th>Date: 12-15-13</th>
</tr>
</thead>
</table>


- 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.

11-10-2011
Mainline  Switch Inspection Report Semi-Annual  WO# 1261324
Page 1 of 3

Date  12/3/3  Inspection Crew  S. Schisler  W. Bryant
Watchman B. Polivka
1 Location  Camden - South
2 Switch I.D. # 30-1
3 Facing  Trailing

Rail Points
4 Point to Point  5 2 1/4
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
N  4  R  4
6a Point Opening
N  4 1/4  R  4 1/4
7 Fit
5 Y R
8 General Condition of the Points
5 Y R

Gage
Heel of Switch
9 Main  5 1/2
10 Turnout  5 1/2
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  6 3/4
13 Main  6 3/4

Stock Rail
14 Bend
5 Y R
15 Condition
5 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

22 Standard Joints
5 Y R  N/A
23 Switch Plates
5 Y R
24 Adjustable Braces
5 Y R  N/A
24a Non-Adjustable Braces
5 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 3/4" 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

GMD 11-10-2011
<table>
<thead>
<tr>
<th>Mainline</th>
<th>Frog Inspection Report Semi-Annual</th>
<th>Page 2 of 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Location</td>
<td>Turnout Ties</td>
<td>66 Condition</td>
</tr>
<tr>
<td>50a Switch I.D. #</td>
<td></td>
<td>Y R N/A</td>
</tr>
<tr>
<td>56 Surface of Frog</td>
<td>67 Rail Movement</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>57 Throat in Inches</td>
<td>Tie Plates</td>
<td>68 Lead</td>
</tr>
<tr>
<td>58 Main Track</td>
<td></td>
<td>Y R N/A</td>
</tr>
<tr>
<td>59 Turnout Track</td>
<td>69 Guard Rail Flangeway</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>60 Guard Rail Gage</td>
<td>Guard Rail Flangeway can not be less than 1 1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>61 Back To Back</td>
<td>70 Guard Rail Plates</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>62 Condition</td>
<td>71 Frog Plates</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>63 Location of Guard Rail (Relation to Point)</td>
<td>Bolts</td>
<td>N/A</td>
</tr>
<tr>
<td>64 Main Track</td>
<td>73 Loose</td>
<td>N/A</td>
</tr>
<tr>
<td>65 Turnout Track</td>
<td>74 Missing</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Gage</strong></td>
<td>Rivets (Huck)</td>
<td>75 Loose</td>
</tr>
<tr>
<td><strong>Gage must not be less than 56” any class</strong></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>66 Condition</td>
<td>76 Missing</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Guard Rails</strong></td>
<td>77 Nuts Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>Guard Rail Gage must more than 54 3/8”</td>
<td>78 Cotter Pins Missing</td>
<td>N/A</td>
</tr>
<tr>
<td>Back to Back Gage must be less than 53 1/8”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>68 Lead</td>
<td>79 Washers</td>
<td>Broken N/A</td>
</tr>
<tr>
<td>69 Guard Rail Flangeway</td>
<td>80 Hold Down Devices</td>
<td>Y R N/A</td>
</tr>
<tr>
<td>70 Guard Rail Plates</td>
<td>81 Spring Housing</td>
<td>N/A</td>
</tr>
<tr>
<td>71 Frog Plates</td>
<td>82 Derails</td>
<td>Y R N/A</td>
</tr>
<tr>
<td><strong>Flangeway Depth must not be less than 1 1/2”</strong></td>
<td>83 Maximum difference in any 31’ in Cross</td>
<td></td>
</tr>
<tr>
<td><strong>Class 1 Gage 56” to 57 1/2”</strong></td>
<td>Level on the siding from the Frog Point to</td>
<td></td>
</tr>
<tr>
<td><strong>More than 57 1/2” Out of Service</strong></td>
<td></td>
<td>50’ beyond the last long tie</td>
</tr>
<tr>
<td><strong>Class 3 Gage 56” to 57”</strong></td>
<td></td>
<td>Ok Difference</td>
</tr>
<tr>
<td><strong>More than 57” to 57 1/2” downgrade to Class 2 and gets a Y</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Remarks on page 3</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GM:JC 11-10-2011</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
BENT BASKET ROD (21 ROD)
GRIPPER RH CV POINT 9/16" 
SIDE WEAR RH CV POINT
FLANGE ROLLER HARD ON FACE RISER

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: 12-15-13

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

Date 12/13/13 Inspection Crew

Watchman R TANUSKA

1 Location CAMDEN - NORTH
2 Switch I.D. # 16 1B
3 Facing □ Trailing

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

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

Gage
9 Heel of Switch
10 Main 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 1/4
13 Main 1/4

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 □ Broken □ N/A

Remarks on page 3

WO# 1298336

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, Greater than 13/4" is Out
   of Service
32 Head Block Ties □ Y R
33 Switch Adjustments Yes □ N/A
34 Lubrication Ok □ N/A
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
50 Location ____________________________
50a Switch I.D. # ______________________
51 Facing _____________________________
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 2 ¼
72 Flangeway Depth 1 ⅛
Flangeway Depth must not be less than 1 ½”

Gage
58 Main Track $ ⅛
59 Turnout Track $ ⅛
Gage must not be less than 56” any class

Guard Rails
60 Guard Rail Gage N $± ½ R ± ⅜
Guard Rail Gage must more than 54 3/8”
61 Back To Back N ± 2 ⅛ R ± ⅜
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 ⅛”
More than 57 ¾” Out of Service
Class 3 Gage 56” to 57”
More than 57” to 57 ¼” 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
Guard Rail Flangeway can not be less 1 ½”
70 Guard Rail Plate
$ Y R N/A
71 Frog Plates
$ Y R N/A

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

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

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

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

84 Condition of Line thru entire turnout
$ Y R

Remarks on page 3
OM JC 11-10-2011
LEAVES IN POINT AREA - FIRE HAZARD

FOUL IN BALLAST POINT AREA

SIDE WORN CV RH POINT - RAZOR SHARP -

1/8 X 1/8 X 1/8 CHIP IN CV RH POINT

BENT #4 ROO

BATTERED FROG POINT + WORN RISER


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: 12-15-13

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

Date 12/1/13
Watchman R Vanuska
1 Location CAMDEN NORTH
2 Switch ID # 1618
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 A 1/4 R A 1/4
6a Point Opening
N A 1/4 R A 1/4
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 2 1/4
13 Main 6 1/4

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

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

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

Remarks on page 3

WO# 1298332
Inspection Crew L Schiller W Bryant

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

Switch Rods
25 Front Rod
S Y R N/A
26 #1 Rod (Basket Rod)
S Y R
27 #2 Rod
S Y R
28 #3 Rod
S Y R N/A
29 #4 Rod
S Y R N/A
30 Closure Rail
S Y R
31 Surface of Switch
S Y R
Using a 62’ cord, not over 1” to 1 1/2” for a Y and no more than 1 1/2” to 3/4”
For a R, Greater 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 Latch
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

GALC 11-10-2011
50 Location ____________________________
50a Switch L.D. # _______________________
51 Facing _______________________________
52 Frog Tread N Y Y R
R Y 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 2 1/4
72 Flangeway Depth 3/8
Flangeway Depth must not be less than 1 1/2"

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

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

GMJC 11-10-2011
LEAVES IN POINT AREA - Fire Hazard
SIDE WEAR OVER POINT
SINKING BALLAST POINT AREA

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

Reviewed by: M. Bautista  Date: 12-15-13

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

WO# 1298334

Date: 1/23/13
Watchman: R. Smiley
1. Location: Camden - N. of E. H.
2. Switch I.D.: 146-3
3. Facing: X

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

Gage
Heel of Switch
9. Main: 51 3/4
10. Turnout: 51 3/4
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 1/4
13. Main: 2 1/4

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

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

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

Remarks on page 3

GMJC 11-10-11

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
52 Frog Tread
\( \text{N} \quad \text{Y} \quad \text{R} \)
\( \text{R} \quad \text{Y} \quad \text{R} \)

53 Frog # \( \Theta \)
54/79 Point Condition
\( \text{Y} \quad \text{R} \)
55 Condition of Frog
\( \text{Y} \quad \text{R} \)
56 Surface of Frog
\( \text{Y} \quad \text{R} \)

57 Throat in Inches \( 3 \frac{3}{4} \)
72 Flangeway Depth \( 1 \frac{5}{16} \)
**Flangeway Depth must not be less than 1 \( \frac{1}{2} \)**

**Gage**
58 Main Track \( \frac{3}{4} \)
59 Turnout Track \( \frac{2}{1} \)
**Gage must not be less than 56” any class**

**Guard Rails**
60 Guard Rail Gage \( \text{N} \quad \frac{3}{4} \quad \text{R} \quad \frac{3}{4} \)
**Guard Rail Gage must more than 54 3/8”**
61 Back To Back \( \text{N} \quad \frac{2}{1} \quad \text{R} \quad \frac{3}{8} \)
**Back to Back Gage must be less than 53 1/8”**
62 Condition
\( \text{Y} \quad \text{R} \)
63 Location of Guard Rail (Relation to Point)
\( \text{Y} \quad \text{R} \)

**Guard Rail Clamps**
64 Main Track
\( \text{Y} \quad \text{R} \quad \text{N/A} \)
65 Turnout Track
\( \text{Y} \quad \text{R} \quad \text{N/A} \)

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

Turnout Ties
66 Condition
\( \text{Y} \quad \text{R} \quad \text{N/A} \)
67 Rail Movement
\( \text{Y} \quad \text{R} \quad \text{N/A} \)

**Tie Plates**
68 Lead
\( \text{Y} \quad \text{R} \quad \text{N/A} \)
69 Guard Rail Flangeway
\( \text{Y} \quad \text{R} \quad \text{N} \quad \text{L} \quad \text{R} \quad \frac{3}{4} \)
**Guard Rail Flangeway can not be less 1 1/2”**
70 Guard Rail Plates
\( \text{Y} \quad \text{R} \quad \text{N/A} \)
71 Frog Plates
\( \text{Y} \quad \text{R} \quad \text{N/A} \)

Bolts
73 Loose
\( \text{N/A} \)
74 Missing
\( \text{N/A} \)

**Rivets (Huck)**
75 Loose
\( \text{N/A} \)
76 Missing
\( \text{N/A} \)
77 Nuts Missing
\( \text{N/A} \)
78 Cotter Pins Missing
\( \text{N/A} \)
79 Washers
\( \text{Ok} \quad \text{Broken} \quad \text{Missing} \quad \text{N/A} \)

80 Hold Down Devices
\( \text{Y} \quad \text{R} \quad \text{N/A} \)
81 Spring Housing
\( \text{Y} \quad \text{R} \quad \text{N/A} \)
82 Derails
\( \text{Y} \quad \text{R} \quad \text{N/A} \)

83 Maximum difference in any 31’ in Cross
**Level on the siding from the Frog Point to 50’ beyond the last long tie**
\( \text{Ok} \quad \text{Difference} \)

84 Condition of Line thru entire turnout
\( \text{Y} \quad \text{R} \quad \text{N/A} \)
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: 12-15-13
Date: 12/3/13
Watchman: B. Parneski
1 Location: MT Royal
2 Switch ID #: 70-3
3 Facing: X Trailing

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

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

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 Broken Missing

Remarks on page 3

GMCR 11-10-2011
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 # 54/79 Point Condition Y R
54 Condition of Frog Y R
56 Surface of Frog Y R
57 Throat in Inches 3 1/4
72 Flange way Depth 1 1/2
Flange way Depth must not be less than 1 1/2"

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

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

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: 12-13-12

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

Date 12/3/13
Watchman: B. Panusea
1 Location: MT. ROYAL
2 Switch ID #: 70 1B
3 Facing: Trailing X

Rail Points
4 Point to Point: 52 1/8
5 Point Condition: Y R
6 Point Throw: Min 3 1/2 inches on house top point protected
   N 4 1/6 R 4 1/6
6a Point Opening
   N 4 1/6 R 4 5/6
7 Bit: Y R
8 General Condition of the Points: Y R

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

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

Bolts
16 Loose: 3 N/A
17 Missing: 0 N/A

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

Remarks on page 3

WO# 1253757 Page 1 of 3

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: 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: Y R
33 Switch Adjustments: Y
34 Lubrication: Ok
35 Switch Targets/Lamps: Ok Missing N/A
36 Latches: Ok Broken Missing
37 Locks: Ok Broken Missing
38 General Condition: S Y R
39 Insulated Joints: S Y R
39a Regular Joints: S Y R

GMJC 11-10-2011
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 # ____________________________
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 3 3/4
Flangeway Depth must not be less than 1 1/2"

Gage
58 Main Track 5 6 1/4
59 Turnout Track 5 6 1/4

Gage must not be less than 56" any class

Guard Rails
60 Guard Rail Gage N 5 4 3/4 R Y 3 8
Guard Rail Gage must more than 54 3/8"
61 Back To Back N 5 2 3/4 R 5 6 1/4
Back to Back Gage must be less than 53 1/8"
62 Condition Y R
63 Location of Guard Rail (Relation to Point) Y R

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

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

Tie Plates
68 Lead Y R N/A
69 Guard Rail Flangeway
Y R N 1 1/8 R 1 1/8
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

Rivets (Huck)
73 Loose N/A
74 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

84 Condition of Line thru entire turnout Y R

Remarks on page 3
GMJC 11-10-2011
Loose PT Protector Bolts (3)
Sign Grade 062 Over Point

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: 12-15-13