Switch Inspection Report/ Semi- Annual

Mainline 1 (2) Yard _____ WO# 2890572

Date 5-30-2017 Inspection Crew Pollard, Sell

1. Location: _____
2. Switch ID# 269 3B
3. Facing _____ Trailing ✓ Flagman Lam

Rail Points

4. Point to Point 51 5/8
5. Point Condition
   (S) Y R
6. Point Throw Nothing less than 4" or greater than 5" Min 3 ½ "on house top point protector
   N 4 1/2 R 4 1/2
7. Point opening
   N 4 13/16 R 4 13/16
8. Fit
   (S) Y R
9. General Condition of the points
   (S) Y R

Gage

10. Heel of Switch
    a. Main 56 3/8
    b. Turnout 56 3/8
11. Gage ahead of Bend 56 5/8

Must not be less than 56" or more than 57" for "S"

12. Heel Spread in Inches
    a. Main 6 1/4
    b. Turnout 6 1/4

Stock Rail

13. Bend —
14. Condition —

Bolts

15. Loose 0 N/A
16. Missing 0 N/A

Rivets

17. Loose 0 N/A
18. Missing 0 N/A
19. Cotter Pins Missing 0 N/A
20. Jam Nuts Loose 0 N/A
21. Washers (OK) Broken_____ Missing____
22. Standard Joints
    (S) Y R N/A
23. Switch Plates
    (S) Y R N/A
24. Adjustable Braces
    (S) Y R N/A
25. Non-Adjustable
    S Y R (N/A)

Switch Rods

26. Front Rod
    (S) Y R N/A
27. #1 Rod (Basket Rod)
    (S) Y R N/A
28. #2 Rod
    (S) Y R N/A
29. #3 Rod
    (S) Y R N/A
30. #4 Rod
    (S) Y R N/A
31. Closure Rail
    (S) Y R N/A
32. Surface Rail
    (S) Y R N/A
    Using a 62" Cord
    S= Up to 1" Max allowed Speed
    Y= 1" to ½" Max allowed 1 1/2 " 40 MPH
    R= 1 1/2" TO ¾" 12 MPH Greater than 1 ¾" Out of Service
33. Head Block Ties
    S Y R
34. Switch Adjustment
    Yes (No)
35. Lubrication
    OK (Dry)
36. Switch Target/ Lamps
    OK Missing_____ (N/A)
37. Lathes
    (OK) Missing_____ N/A
38. Locks
    (OK) Missing_____ N/A
39. General Condition
    (S) Y R
40. Insulated Joints
    S (Y) R

Remarks on Page 3

Frog Inspection Report/ Semi- Annual

Mainline 1 (2) Yard _____ WO# 2890572

Date 5-30-2017 Inspection Crew Pollard, Sell

1. Location: _____
2. Switch ID# 269-3b
3. Facing _____ Trailing ✓ Flagman Lam

44. Frog Tread N (S) Y R
R (S) Y R
45. Frog Number # 10
46. Frog Point Condition
(S) Y R
47. Condition of Frog
(S) Y R
48. Surface of Frog
(S) Y R
49. Throat in Inches 3 1/4
50. Flangeway Depth 2
Flangeway Depth must not be less than 1/2"

Gage

51. Main Track 56 1/2
52. Turnout Track 56 1/2
Gage must not be less than 56" for any Class

Guard Rails

53. Guard Rail Gage N 54 5/8 R 54 3/4
Guard Rail Gage must be less than 54 3/8"
54. Back to back N 52 3/4 R 53 1/8
Back to Back must be less than 53 1/8"
55. Condition
(S) Y R
56. Location of Guard Rail (Relation to Point)
(S) Y R

Guard Rail Clamps

57. Main Track
S Y R (N/A)
58. Turnout Track
S Y R (N/A)

Class 1 Gage 56" to 57 ½"
More than 57 1/2 " 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

59. Conditions
(S) Y R
60. Rail Movement
(S) Y R

Tie Plates

61. Lead
(S) Y R
62. Guard Rail Flangeway
(S) Y R N 1 1/8 R 1 3/4
Guard Rail Flangeway cannot be less 1 ½"
63. Guard Rail Plates
(S) Y R
64. Frog Plates
(S) Y R

Bolts

65. Loose 0 N/A
66. Missing 0 N/A

Rivets

67. Loose _____ (N/A)
68. Missing _____ (N/A)
69. Nuts Missing 0 N/A
70. Cotter Pins Missing _____ (N/A)
71. Washers (OK) Broken _____ Missing _____
72. Hold Down Devices
(S) Y R N/A
73. Spring Housing
S Y R (N/A)
74. Derails
S Y R (N/A)
75. Maximum difference in any 31" in Cross Level on the siding from the Frog Point to 50" beyond last long tie
(OK) Difference _____
76. Condition of Line thru entire turnout
(S) Y R

Remarks

Switch # 269-3b Date 5-30-17 WO # 2890572

Straight point has micro Fractures
3 Loose plates (switch) East Rail
8 Loose Screw spikes

Switch inspection complete

All rules comply with the MTA Fled Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard Tracks

S All items inspected are in compliance

Y Attention needed

R Imitate attention

Reviewed by: Jamie Reaver Date:

Switch Inspection Report/ Semi- Annual

Mainline 1 2 Yard ____ WO# 2890552

Date 5-30-17 Inspection Crew Pollard Sell

1. Location: ____
2. Switch ID# 269 3A
3. Facing ____ Trailing ✓ Flagman Lam

Rail Points

4. Point to Point 51 1/2
5. Point Condition
   S Y R
6. Point Throw Nothing less than 4" or greater than 5" Min 3 ½ "on house top point protector
   N 4 5/8 R 4 5/8
7. Point opening
   N 5 R 5
8. Fit
   S Y R
9. General Condition of the points
   S Y R

Gage

10. Heel of Switch
    a. Main 56 3/8
    b. Turnout 56 1/4
11. Gage ahead of Bend 56 1/2

Must not be less than 56" or more than 57" for "S"

12. Heel Spread in Inches
    a. Main 6 3/8
    b. Turnout 6 3/8

Stock Rail

13. Bend —
14. Condition —

Bolts

15. Loose 0 N/A
16. Missing 0 N/A

Rivets 0

17. Loose ____ N/A
18. Missing 0 N/A
19. Cotter Pins Missing 0 N/A
20. Jam Nuts Loose 0 N/A
21. Washers OK Broken____ Missing____
22. Standard Joints
    S Y R N/A
23. Switch Plates
    S Y R N/A
24. Adjustable Braces
    S Y R N/A
25. Non-Adjustable
    S Y R N/A

Switch Rods

26. Front Rod
    S Y R N/A
27. #1 Rod (Basket Rod)
    S Y R N/A
28. #2 Rod
    S Y R N/A
29. #3 Rod
    S Y R N/A
30. #4 Rod
    S Y R N/A
31. Closure Rail
    S Y R N/A
32. Surface Rail
    S Y R N/A
    Using a 62" Cord
    S= Up to 1" Max allowed Speed
    Y= 1" to ½" Max allowed 1 1/2 " 40 MPH
    R= 1 1/2" TO ¾" 12 MPH Greater than 1 ¾" Out of Service
33. Head Block Ties
    S Y R
34. Switch Adjustment
    Yes No
35. Lubrication
    OK Dry
36. Switch Target/ Lamps
    OK Missing____ N/A
37. Lathes
    OK Missing____ N/A
38. Locks
    OK Missing____ N/A
39. General Condition
    S Y R
40. Insulated Joints
    S Y R

Remarks on Page 3

Frog Inspection Report/ Semi- Annual

Mainline 1 2 Yard _____ WO# 2D9 0552

Date 5-30-17 Inspection Crew Pollard, Sell

1. Location: _____
2. Switch ID# 269-31
3. Facing _____ Trailing ✓ Flagman Lam

44. Frog Tread N S Y R
R S Y R
45. Frog Number # 10
46. Frog Point Condition
S Y R
47. Condition of Frog
S Y R
48. Surface of Frog
S Y R
49. Throat in Inches 3 1/4
50. Flangeway Depth 2
Flangeway Depth must not be less than 1/2"

Gage

51. Main Track 56 3/8
52. Turnout Track 56 5/8
Gage must not be less than 56" for any Class

Guard Rails

53. Guard Rail Gage N 54 1/2 R 54 3/4
Guard Rail Gage must be less than 54 3/8"
54. Back to back N 52 1/2 R 52 7/8
Back to Back must be less than 53 1/8"
55. Condition
S Y R
56. Location of Guard Rail (Relation to Point)
S Y R

Guard Rail Clamps

57. Main Track
S Y R N/A
58. Turnout Track
S Y R N/A

Class 1 Gage 56" to 57 ½"
More than 57 1/2 " 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

59. Conditions
S Y R
60. Rail Movement
S Y R

Tie Plates

61. Lead
S Y R
62. Guard Rail Flangeway
S Y R N 1 7/8 R 1 7/8
Guard Rail Flangeway cannot be less 1 ½"
63. Guard Rail Plates
S Y R
64. Frog Plates
S Y R

Bolts

65. Loose 0 N/A
66. Missing 0 N/A

Rivets

67. Loose N/A
68. Missing N/A
69. Nuts Missing 0 N/A
70. Cotter Pins Missing N/A
71. Washers OK Broken _____ Missing _____
72. Hold Down Devices
S Y R N/A
73. Spring Housing
S Y R N/A
74. Derails
S Y R N/A
75. Maximum difference in any 31" in Cross Level on the siding from the Frog Point to 50" beyond last long tie
OK Difference _____
76. Condition of Line thru entire turnout
S Y R

Remarks

Switch # 269-1R Date 5-30-2011 WO # 2890552

3 loose screw spikes in point area
straight closure severe micro fractures with spots
breaking out.
Frog point 7" back micro fractures starting
to breakout

2 rotted 22' ties

Switch inspection complete

All rules comply with the MTA Fled Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard Tracks

S All items inspected are in compliance

Y Attention needed

R Imitate attention

Reviewed by: Jamm Reave Date:

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2889894

Semi Annual Switch Inspection

1) 3 rotted 9 ' ties .
2) 3 loose switch plates east rail .
4) 60 loose screw spikes throughout switch and turnout area .
5) Frog surface battered 4 " back from the point .
6) Switch area is in need of alignment and surfacing .
Switch inspection complete.

Alias: 269SMOWSW-1B	Track switch,L,10,FACING	**Location:** CMS269	Chain Marker South, 269	**Status:** OPERATING
Asset: 1256324	Year:	**Manufacturer:**		**Type:** FLEET
Serial Number:		**License:**		
Service Address: 1155 344 West North Ave, Baltimore MD				

Meters: Description | Unit of Measure | Last Reading Date | Last Reading

CI:

Mileage Meter:

Sched Start:	
Sched Finish:	
Target Start:	5/28/17
Target Finish:	5/28/17
Actual Start:	5/30/17
Actual Finish:	5/30/17
Report Date:	5/1/17
Reported By:	MTACRON
Requestor of Work:	

Site:	LTRAIL
Priority:	1
Work Type:	PM
Status:	CLOSE
Parent:	
Person Group:	MTA527
GL Account:	J05-#####-05270-##########-0901-########-######## ####-####-######-000-30-00
Warranty Situation Present?	N
PM Num:	48109

Job Plan:	2688
Job Desc:	Semi Annual Switch Inspection
Supervisor:	
Lead:	JREAVES3
Owner:	
Owner Group:	
Service:	
Service Group:	
Classification:	2732
Part Failure:	

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2889894

Semi Annual Switch Inspection

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2) 3 loose switch plates east rail .
4) 60 loose screw spikes throughout switch and turnout area .
5) Frog surface battered 4 " back from the point .
6) Switch area is in need of alignment and surfacing .
Switch inspection complete.

Specification

Attribute	Description	ALN Value	Numeric Value	Unit of Measure
LTRAIL_DESCRIPTION	LTRAIL_DESCRIPTION	Semi Annual Switch Inspection		

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2889894

Semi Annual Switch Inspection

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Switch inspection complete.

Actual Labor

Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplishec	Part Failure	Warranty	Contract Num	Regular Hours	Premiun Hours	Line Cost
	AREPAIR		MPOLLAF				10		N		00:00	01:00	39.44
	AREPAIR		SSELL				10		N		00:00	01:00	39.75
	AREPAIR		GLAM				10		N		00:00	01:00	39.44
												Total Actual Labor:	118.63

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2889894

Semi Annual Switch Inspection

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2) 3 loose switch plates east rail .
4) 60 loose screw spikes throughout switch and turnout area .
5) Frog surface battered 4 " back from the point .
6) Switch area is in need of alignment and surfacing .
Switch inspection complete.

Task IDs

Task ID	Description	Status	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?
10	Performed inspection according to LR MOW procedure	CLOSE						N

Date Completed

Completed By

Supervisor

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2889892

Semi Annual Switch Inspection

1) 2 rotted 9 ' ties .
2) Micro fractures in in the straight closure rail measuring 9 ' .
3) 25 loose screw spikes .
Switch inspection complete .

Alias: 269SMOWSW-1A	Track switch,L,10,FACING	**Location:**	CMS269	Chain Marker South, 269	**Status:** OPERATING
Asset: 1260695	Year:	**Manufacturer:**			**Type:** FLEET
Serial Number:		**License:**			
Service Address:	1155 344 West North Ave, Baltimore MD				

Meters: **Description** **Unit of Measure** **Last Reading Date** **Last Reading**

CI:

Mileage Meter:

Sched Start:	
Sched Finish:	
Target Start:	5/28/17
Target Finish:	5/28/17
Actual Start:	5/30/17
Actual Finish:	5/30/17
Report Date:	5/1/17
Reported By:	MTACRON
Requestor of Work:	

Site:	LTRAIL
Priority:	1
Work Type:	PM
Status:	CLOSE
Parent:	
Person Group:	MTA527
GL Account:	J05-#####-05270-##########-0901-#########-######## #### ####-######-000-30-00
Warranty Situation Present?	N
PM Num:	48108

Job Plan:	2688
Job Desc:	Semi Annual Switch Inspection
Supervisor:	
Lead:	JREAVES3
Owner:	
Owner Group:	
Service:	
Service Group:	
Classification:	2732
Part Failure:	

Specification

Attribute	Description	ALN Value	Numeric Value	Unit of Measure
LTRAIL_DESCRIPTION	LTRAIL_DESCRIPTION	Semi Annual Switch Inspection		

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2889892

Semi Annual Switch Inspection

1) 2 rotted 9 ' ties .
2) Micro fractures in in the straight closure rail measuring 9 ' .
3) 25 loose screw spikes .
Switch inspection complete .

Specification

Attribute	Description	ALN Value	Numeric Value	Unit of Measure

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2889892

Semi Annual Switch Inspection

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Actual Labor

Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplishec	Part Failure	Warranty	Contract Num	Regular Hours	Premiun Hours	Line Cost
	AREPAIR		MPOLLAF				10		N		00:00	01:00	39.44
	AREPAIR		SSELL				10		N		00:00	01:00	39.75
	AREPAIR		GLAM				10		N		00:00	01:00	39.44
												Total Actual Labor:	118.63

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2889892

Semi Annual Switch Inspection

1) 2 rotted 9 ' ties .
2) Micro fractures in in the straight closure rail measuring 9 ' .
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Switch inspection complete .

Task IDs

Task ID	Description	Status	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty?
10	Performed inspection according to LR MOW procedure	CLOSE						N

Date Completed

Completed By

Supervisor