

Frog Inspection Report/ Semi- Annual

Mainline 1 Yard 2 WO# 310798.5  
Date 11-14-17 Inspection Crew Pollard, Rabette Sell

1. Location: \_\_\_\_\_  
2. Switch ID# 42-3B  
3. Facing \_\_\_\_\_ Trailing  Flagman Lam

44. Frog Tread N  Y  R  
R  Y  R

45. Frog Number # 8

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 1/2

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 1/2 R 55 N/A  
Guard Rail Gage must be less than 54 3/8"

54. Back to back 52 3/8 R 53 N/A  
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 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

Turnout Ties

59. Conditions  
 S  Y  R N/A

60. Rail Movement  
 S  Y  R N/A

Tie Plates

61. Lead  
 S  Y  R N/A

62. Guard Rail Flangeway  
 S  Y  R N/A 1 1/8 R 1 3/8

Guard Rail Flangeway cannot be less 1 1/2"

63. Guard Rail Plates  
 S  Y  R N/A

64. Frog Plates  
 S  Y  R N/A

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 # 42-32 Date 11-14-17 WO # 3107985

17 Loose screw spikes in switch point area

Micro cracking East side of Frog

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:  Date: 11/15/17

## Work Order Details (Tr)

Org ID: MTA  
 Site: LTRAIL

Crew ID: null	WO # 3150531	Semi Annual Switch Inspection	Chain Marker South, 115	Status: OPERATING
Alias: 115SMOWSW-3A	Track switch,R,8,trailing	Location: CMS115	Manufacturer: License:	Type: FLEET
Asset: 1262026	Year:			
Serial Number:	1155	344 West North Ave, Baltimore MD		
Service Address:				

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

Sched Start:	Site: LTRAIL	Job Plan: 2688
Sched Finish:	Priority: 1	Job Desc: Semi Annual Switch Inspection
Target Start: 11/28/17	Work Type: PM	Supervisor:
Target Finish: 11/28/17	Status: CLOSE	Lead: JREAVES3
Actual Start: 11/16/17	Parent:	Owner:
Actual Finish: 11/16/17	Person Group: MTA527	Owner Group:
Report Date: 11/1/17	GL Account: J05-####-05270-#####-0901-#####-#####-###-###-#####-000-30-00	Service:
Reported By: MTACRON	Warranty Situation Present?	Service Group:
Requestor of Work:	PM Num: 47307	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 # 3150531      Semi Annual Switch Inspection

Log	Date	Class	Created By	Subject	Description	Long Description
	11/16/17	WORKORDER	MPOLLARD		switch inspection	1 ) Running rail in front of switch has micro cracks in it . 2 ) Straight switch point has micro c raks in it .
						inspection complete



# Work Order Details (Tr)

Org ID: MTA  
 Site: LTRAIL

WO # 3150531      Semi Annual Switch Inspection

Actual Labor														
Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Accomplishec	Work	Part Failure	Warranty	Contract Num	Regular Hours	Premium Hours	Line Cost
10	AREPAIR		MPOLLAF				10			N		00:00	01:00	39.44
10	AREPAIR		SSELL				10			N		00:00	01:00	39.75
10	AREPAIR		ARABETT				10			N		00:00	01:00	40.76
10	AREPAIR		GLAM				10			N		00:00	01:00	39.44
<b>Total Actual Labor:</b>													159.39	

## Work Order Details (Tr)

Org ID: MTA  
Site: LTRAIL

WO # 3150531      Semi Annual Switch Inspection

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

Switch Inspection Report/ Semi- Annual

Mainline ① 2 Yard                      WO# 3150531

Date 11-15-17 Inspection Crew Bob Hard Rabette Sell

1. Location:                       
 2. Switch ID# 1153A  
 3. Facing                      Trailing ✓ Flagman Lam

**Rail Points**

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

**Gage**

10. Heel of Switch  
 a. Main 56 1/2  
 b. Turnout 56 1/2  
 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 1/4  
 b. Turnout 6 1/4

**Stock Rail**

4. Bend ③ Y R  
 5. Condition ③ Y R

**Bolts**

6. Loose 0 N/A  
 7. Missing 0 N/A

**Rivets**

8. Loose N/A  
 9. Missing N/A  
 10. Cotter Pins Missing 0 N/A  
 11. Jam Nuts Loose 0 N/A  
 12. Washers OK Broken            Missing             
 13. Standard Joints ③ Y R N/A  
 14. Switch Plates ③ Y R N/A  
 15. Adjustable Braces ③ Y R N/A

16. Non-Adjustable  
 S Y R ③ N/A

**Switch Rods**

17. Front Rod ③ Y R N/A  
 18. #1 Rod (Basket Rod) ③ Y R N/A  
 19. #2 Rod ③ Y R N/A  
 20. #3 Rod ③ Y R N/A  
 21. #4 Rod ③ Y R N/A  
 22. Closure Rail ③ Y R N/A  
 23. Surface Rail ③ Y R N/A  
 Using a 62" Cord  
 S= Up to 1" Max allowed Speed  
 Y= 1" to 1/2" Max allowed 1 1/2 " 40 MPH  
 R= 1 1/2" TO 3/4" 12 MPH Greater than 1 3/4" Out of Service  
 24. Head Block Ties ③ Y R  
 25. Switch Adjustment Yes No  
 26. Lubrication OK Dry  
 27. Switch Target/ Lamps OK Missing N/A  
 28. Latches OK Missing N/A  
 29. Locks OK Missing N/A  
 30. General Condition ③ Y R  
 31. Insulated Joints ③ Y R

Remarks on Page 3

Frog Inspection Report/ Semi- Annual

Mainline 1 2 Yard WO# 3150531

Date 11-15-17 Inspection Crew Billard Rabette Sell

1. Location: \_\_\_\_\_  
2. Switch ID# 115-3A  
3. Facing \_\_\_\_\_ Trailing  Flagman Lan

44. Frog Tread N  Y R  
R  Y R

45. Frog Number # 8

46. Frog Point Condition

Y R

47. Condition of Frog

Y R

48. Surface of Frog

Y R

49. Throat in Inches 3 1/2

50. Flangeway Depth 2

Flangeway Depth must not be less than 1/2"

Gage

51. Main Track 50 7/8

52. Turnout Track 56 1/2

Gage must not be less than 56" for any Class

Guard Rails

53. Guard Rail Gage N 54 3/4 R 54 3/4 N/A

Guard Rail Gage must be less than 54 3/8"

54. Back to back N 52 3/4 R 52 3/4 N/A

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

55. Condition

Y R

56. Location of Guard Rail ( Relation to Point)

Y R

Guard Rail Clamps

57. Main Track

Y R N/A

58. 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"

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Remarks on page 3

Turnout Ties

59. Conditions

Y R N/A

60. Rail Movement

Y R N/A

Tie Plates

61. Lead

Y R N/A

62. Guard Rail Flangeway

Y R N 1 3/4 R 1 3/4

Guard Rail Flangeway cannot be less 1 1/2"

63. Guard Rail Plates

Y R N/A

64. Frog Plates

Y R N/A

Bolts

65. Loose 0 N/A

66. Missing 0 N/A

Rivets

67. Loose 0 N/A

68. Missing 0 N/A

69. Nuts Missing 0 N/A

70. Cotter Pins Missing 0 N/A

71. Washers  OK Broken \_\_\_\_\_ Missing \_\_\_\_\_

72. Hold Down Devices

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

Difference \_\_\_\_\_

76. Condition of Line thru entire turnout

Y R



Remarks

Switch #

Date 11-15-17 WO #

3150531

Running rail in front of switch has micro cracks  
straight switch point has micro cracks in it

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:



Date:

11/17/17

# Work Order Details (Tr)

**Org ID:** MTA  
**Site:** LTRAIL

Crew ID: null  
 WO # 3150521      Semi Annual Switch Inspection  
 Alias: 166SMOWSW      Track switch,R,8,TRAILING      Location: CMS166      Chain Marker: South, 166      Status: OPERATING  
 Asset: 1262019      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:	11/28/17
Target Finish:	11/28/17
Actual Start:	11/16/17
Actual Finish:	11/16/17
Report Date:	11/1/17
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:	47310

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 # 3150521      Semi Annual Switch Inspection

Log	Date	Class	Created By	Subject	Description	Long Description
	11/16/17	WORKORDER	MPOLLARD		switch inspection	1 ) 4 rotted ties in front of the switch . 2 ) 2 rotted 14 ' ties 3 ) 1 rotted 10 tie 4 ) 4 rotted 9 ' ties 5 ) 9 loose screw spikes
						inspection complete

# Work Order Details (Tr)

Org ID: MTA  
 Site: LTRAIL

WO # 3150521      Semi Annual Switch Inspection

Actual Labor														
Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Accomplishec	Work	Part Failure	Warranty	Contract Num	Regular Hours	Premium Hours	Line Cost
10	AREPAIR	MPOLLAF					10			N		00:00	01:00	39.44
10	AREPAIR	SSELL					10			N		01:00	00:00	26.50
10	AREPAIR	ARABETT					10			N		00:00	01:00	40.76
10	AREPAIR	GLAM					10			N		00:00	01:00	39.44
<b>Total Actual Labor:</b>												<b>146.14</b>		

# Work Order Details (Tr)

Org ID: MTA  
 Site: LTRAIL

WO # 3150521      Semi Annual Switch Inspection

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

Date Completed

Completed By

Supervisor