

Remarks

Switch # 480 Date 6-20-17 WO # 2936706

NO FLAG (TARGET) YELLOW ? PURPLE

3-16'

2-15'

1-14'

2-13'

2-12'

1-10'

3-9'

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 Penna Date: \_\_\_\_\_

Switch Inspection Report/ Semi- Annual

Mainline 1 2 Yard            WO# 2890350

Date 6-20-17 Inspection Crew M POLLARD T SCHISLER

- 1. Location:
- 2. Switch ID# 484 3B
- 3. Facing X Trailing                    Flagman W BRYANT

**Rail Points**

- 25. Non-Adjustable  
SYR N/A

- 4. Point to Point 50 3/4
- 5. Point Condition  
S Y R
- 6. Point Throw Nothing less than 4" or greater than 5" Min 3 1/2 "on house top point protector  
N 5 1/8 R 5 1/8
- 7. Point opening  
N 5 1/2 R 5 1/2
- 8. Fit  
S Y R
- 9. General Condition of the points  
S Y R

**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 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

**Gage**

- 10. Heel of Switch
  - a. Main 56 3/8
  - b. Turnout 56 1/2
- 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 4 3/4
  - b. Turnout 4 3/4

**Stock Rail**

- 33. Head Block Ties  
S Y R
- 34. Switch Adjustment  
Yes No

- 13. Bend - S
- 14. Condition - S

**Bolts**

- 35. Lubrication  
OK Dry
- 36. Switch Target/ Lamps  
OK Missing N/A

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

**Rivets**

- 37. Latches  
OK Missing N/A
- 38. Locks  
OK Missing N/A
- 39. General Condition  
S Y R
- 40. Insulated Joints  
S Y R

- 17. Loose 6 N/A
- 18. Missing 6 N/A
- 19. Cotter Pins Missing 6 N/A
- 20. Jam Nuts Loose 6 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

Remarks on Page 3

Frog Inspection Report/ Semi- Annual

Mainline 1 2 Yard \_\_\_\_\_ WO# 2890350

Date 6-20-17 Inspection Crew M POLLARD TSCHISLER

- 1. Location: \_\_\_\_\_
- 2. Switch ID# 484 3B
- 3. Facing X Trailing \_\_\_\_\_ Flagman W BRYANT

44. Frog Tread N  Y R  
R  Y R

45. Frog Number # B

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 1 1/16  
Flangeway Depth must not be less than 1/2"

**Turnout Ties**

59. Conditions

Y R

60. Rail Movement

Y R

**Tie Plates**

61. Lead

Y R

62. Guard Rail Flangeway

Y R N 1 7/8 R 1 7/8

Guard Rail Flangeway cannot be less 1 1/2"

63. Guard Rail Plates

Y R

64. Frog Plates

Y R

**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  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

**Gage**

51. Main Track 56 1/2

52. Turnout Track 56 7/8

Gage must not be less than 56" for any Class

**Guard Rails**

53. Guard Rail Gage N 54 1/2 R 54 7/8 N/A  
Guard Rail Gage must be less than 54 3/8"

54. Back to back N 52 1/2 R 52 1/4 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"**

**More than 57" to 57 1/4" downgrade to**

**Class 2 and gets a Y**

Remarks on page 3

Remarks

Switch # 484 3B Date \_\_\_\_\_ WO # 2890 350

BENT BASKET ROD

3-9'

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: *Jimm Rennie* Date: \_\_\_\_\_

## Work Order Details (Tr)

Org ID: MTA  
 Site: LTRAIL

WO # 2936706      Semi Annual Switch Inspection  
 06-20-2017  
 No flag on derail (target is suppose to be Purple & Yellow )  
 Rotted timbers:  
 3 - 9'  
 1 - 10'  
 2 - 12'  
 2 - 13'  
 1 - 14'  
 2 - 15'  
 3 - 16'

Alias: 480SMOWSW	Track switch,R,8,FACING	Location: CMN480	Chain Markers North, 480N	Status: OPERATING
Asset: 1264765	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:	6/28/17
Target Finish:	6/28/17
Actual Start:	6/20/17
Actual Finish:	6/20/17
Report Date:	6/1/17
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

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 # 2936706      Semi Annual Switch Inspection  
 06-20-2017  
 No flag on derail (target is suppose to be Purple & Yellow )  
 Rotted timbers:  
 3 - 9'  
 1 - 10'  
 2 - 12'  
 2 - 13'  
 1 - 14'  
 2 - 15'  
 3 - 16'

PM Num: 48126

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 # 2936706      Semi Annual Switch Inspection  
 06-20-2017  
 No flag on derail (target is suppose to be Purple & Yellow )  
 Rotted timbers:  
 3 - 9'  
 1 - 10'  
 2 - 12'  
 2 - 13'  
 1 - 14'  
 2 - 15'  
 3 - 16'

Actual Labor													
Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplished	Part Failure	Warranty	Contract Num	Regular Hours	Premium Hours	Line Cost
	LEAD		WBRYAN							N	00:00	01:00	42.05
	AREPAIR		MPOLLAF							N	00:00	01:00	39.44
	AREPAIR		TSCHISLI							N	00:00	01:00	39.44
<b>Total Actual Labor:</b>											<b>120.93</b>		

## Work Order Details (Tr)

Org ID: MTA  
Site: LTRAIL

WO # 2936706      Semi Annual Switch Inspection  
 06-20-2017  
 No flag on derail (target is suppose to be Purple & Yellow )  
 Rotted timbers:  
 3 - 9'  
 1 - 10'  
 2 - 12'  
 2 - 13'  
 1 - 14'  
 2 - 15'  
 3 - 16'

**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



Switch Inspection Report/ Semi- Annual

Mainline 1 2 Yard \_\_\_\_\_ WO# 2936706

Date 6-20-17 Inspection Crew M POLLARD T SCHISLER

- 1. Location: \_\_\_\_\_
- 2. Switch ID# 480
- 3. Facing X Trailing \_\_\_\_\_ Flagman W BRYANT

**Rail Points**

- 4. Point to Point S1
- 5. Point Condition  
 Y  R
- 6. Point Throw Nothing less than 4" or greater than 5" Min 3 1/2" on house top point protector  
N 5 1/4 R 5 1/4
- 7. Point opening  
N 5 1/4 R 5 1/4
- 8. Fit  
 Y  R
- 9. General Condition of the points  
 Y  R

**Gage**

- 10. Heel of Switch
  - a. Main 56 1/2
  - b. Turnout 56 3/4
- 11. Gage ahead of Bend 56 3/4  
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 -S
- 14. Condition -S

**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  Broken \_\_\_\_\_ Missing \_\_\_\_\_
- 22. Standard Joints  
 Y  R N/A
- 23. Switch Plates  
 Y  R N/A
- 24. Adjustable Braces  
 Y  R N/A

Remarks on Page 3

- 25. Non-Adjustable  
S Y  N/A

**Switch Rods**

- 26. Front Rod  
 Y  R N/A
- 27. #1 Rod (Basket Rod)  
 Y  R N/A
- 28. #2 Rod  
 Y  R N/A
- 29. #3 Rod  
 Y  R N/A
- 30. #4 Rod  
 Y  R N/A
- 31. Closure Rail  
 Y  R N/A
- 32. Surface Rail  
 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
- 33. Head Block Ties  
 Y  R
- 34. Switch Adjustment  
Yes  No
- 35. Lubrication  
OK  Dry
- 36. Switch Target/ Lamps  
OK  Missing \_\_\_\_\_ N/A
- 37. Latches  
 OK  Missing \_\_\_\_\_ N/A
- 38. Locks  
 OK  Missing \_\_\_\_\_ N/A
- 39. General Condition  
 Y  R
- 40. Insulated Joints  
 Y  R

DERAIL TARGETS

Frog Inspection Report/ Semi- Annual

Mainline 1 2 Yard          WO# 2936706

Date 6-20-17 Inspection Crew M POLLARD T SCHISLER

1. Location:           
 2. Switch ID# 480  
 3. Facing X Trailing          Flagman W BRYANT

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 1 5/8  
 Flangeway Depth must not be less than 1/2"

Gage

51. Main Track 56 1/4  
 52. Turnout Track 56 3/8  
 Gage must not be less than 56" for any Class

Guard Rails

53. Guard Rail Gage N 54 1/8 R 54 1/8 N/A  
 Guard Rail Gage must be less than 54 3/8"  
 54. Back to back N 52 1/8 R 52 9/16 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"  
More than 57" to 57 1/4" downgrade to  
Class 2 and gets a Y

Remarks on page 3

Turnout Ties

59. Conditions  
 Y R  
 60. Rail Movement  
 Y R

Tie Plates

61. Lead  
 Y R  
 62. Guard Rail Flangeway  
 Y R N 1 3/8 R 1 5/8  
 Guard Rail Flangeway cannot be less 1 1/2"  
 63. Guard Rail Plates  
 Y R  
 64. Frog Plates  
 Y R

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  Broken          Missing           
 72. Hold Down Devices  
 Y R N/A  
 73. Spring Housing  
 S Y R  N/A  
 74. Derails  
 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 # 480 Date 6-20-17 WO # 2936706

NO FLAG (TARGET) yellow & Purple

3-16'

2-15'

1-14'

2-13'

2-12'

1-10'

3-9'

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 Rowan Date: \_\_\_\_\_



# Work Order Details (Tr)

Org ID: MTA  
 Site: LTRAIL

WO # 2890354      Semi Annual Switch Inspection  
 06-20-2017  
 23 loose screw spikes  
 Rotted timbers:  
 7 - 9'  
 4 - 10'  
 3 - 11'  
 2 - 12'  
 1 - 13'

Alias: 484SMOWSW-1A	Track switch,R,10,TRAILING	Location: CMS484	Chain Marker South, 484	Status: OPERATING
Asset: 1264792	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      Status: OPERATING  
 CI:      Mileage Meter:

Sched Start:	
Sched Finish:	
Target Start: 5/28/17	
Target Finish: 5/28/17	
Actual Start: 6/20/17	
Actual Finish: 6/20/17	
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: 47737	

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



MD - Maximo

Maryland Department of Transportation

# Work Order Details (Tr)

Org ID: MTA  
Site: LTRAIL

WO # 2890354      Semi Annual Switch Inspection  
 06-20-2017  
 23 loose screw spikes  
 Rotted timbers:  
 7 - 9'  
 4 - 10'  
 3 - 11'  
 2 - 12'  
 1 - 13'

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

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	AREPAIR		MPOLLAF							N		00:00	01:00	39.44
	AREPAIR		TSCHISLI							N		00:00	01:00	39.44
<b>Total Actual Labor:</b>												<b>120.93</b>		



Maximo

Maryland Department of Transportation

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06-20-2017  
23 loose screw spikes  
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1 - 13'

### 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