

Switch Inspection Report/ Semi- Annual

Mainline 1 2 Yard _____ WO# 3150952
Date 11-29-17 Inspection Crew Bollard Rabette

1. Location: _____
2. Switch ID# 367-1A
3. Facing _____ Trailing _____ Flagman Lam

Rail Points

- 4. Point to Point 513/8
- 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 4 5/8 R 4 5/8
- 7. Point opening
N 5 1/16 R 5 1/16
- 8. Fit S Y R
- 9. General Condition of the points S Y R

Gage

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

Stock Rail

- 4. Bend S Y R
- 5. Condition S 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 S Y R N/A
- 14. Switch Plates S Y R N/A
- 15. Adjustable Braces S Y R N/A

16. Non-Adjustable
S Y R N/A

Switch Rods

- 17. Front Rod S Y R N/A
- 18. #1 Rod (Basket Rod) S Y R N/A
- 19. #2 Rod S Y R N/A
- 20. #3 Rod S Y R N/A
- 21. #4 Rod S Y R N/A
- 22. Closure Rail S Y R N/A
- 23. 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

- 24. Head Block Ties S 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 S Y R
- 31. Insulated Joints S Y R

Remarks on Page 3

Frog Inspection Report/ Semi- Annual

Mainline 1 2 Yard _____ WO# _____

Date _____ Inspection Crew _____

- 1. Location: _____
- 2. Switch ID# 367-1A
- 3. Facing ✓ Trailing _____ Flagman _____

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 5/8

52. Turnout Track 56 1/2

Gage must not be less than 56" for any Class

Guard Rails

53. Guard Rail Gage N 54 5/8 R 54 1/2 N/A

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

54. Back to back N 52 3/4 R 52 1/2 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 1 9/8 R 1 7/8

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 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

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 # _____ Date _____ WO # _____

Several Spout spouts Frog

Tie deteriorating due to switch plate digging into it

30 loose screw spikes

Straight point (switch) battered

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:

11/30/17

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 3150958 Semi Annual Switch Inspection

Log	Date	Class	Created By	Subject	Description	Long Description
	11/29/17	WORKORDER	MPOLLARD		switch inspection	1) Stock rail in the point area several micro cracks in it
						2) 8 loose screw spikes in the point area .
						Inspection complete

Work Order Details (Tr)

Org ID: MTA
 Site: LTRAIL

WO # 3150958 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	Premiur Hours	Line Cost
10	AREPAIR	MPOLLAF					10			N		00:00	01:00	39.44
10	AREPAIR	ARABETT					10			N		00:00	01:00	40.76
10	AREPAIR	GLAM					10			N		00:00	01:00	39.44
Total Actual Labor:													119.64	

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 3150958 Semi Annual Switch Inspection

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# 3150958

Date 11-29-17 Inspection Crew Pollard Kabette

1. Location:
2. Switch ID# 367-3B
3. Facing Trailing ✓ Flagman Lam

Rail Points

- 4. Point to Point 51 1/6
- 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 R 5
- 7. Point opening
N 5 3/8 R 5 3/8
- 8. Fit
S Y R
- 9. General Condition of the points
S Y R

Gage

- 10. Heel of Switch
 - a. Main 56 5/8
 - 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 3/16
 - b. Turnout 6 1/4

Stock Rail

- 4. Bend S Y R
- 5. Condition S 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
S Y R N/A
- 14. Switch Plates
S Y R N/A
- 15. Adjustable Braces
S Y R N/A

16. Non-Adjustable
S Y R N/A S

Switch Rods

- 17. Front Rod
S Y R N/A
- 18. #1 Rod (Basket Rod)
S Y R N/A
- 19. #2 Rod
S Y R N/A
- 20. #3 Rod
S Y R N/A
- 21. #4 Rod
S Y R N/A
- 22. Closure, Rail
S Y R N/A
- 23. 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

- 24. Head Block Ties
S 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
S Y R

- 31. Insulated Joints
S Y R

Remarks on Page 3

Frog Inspection Report/ Semi- Annual

Mainline 1 (2) Yard _____ WO# 3150958

Date 11-29-17 Inspection Crew Ballard Kabelle

- 1. Location: _____
- 2. Switch ID# _____
- 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"

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 1 3/8 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

Gage

51. Main Track 56 1/2

52. Turnout Track 56 3/8

Gage must not be less than 56" for any Class

Bolts

65. Loose 0 N/A

66. Missing 0 N/A

Rivets

67. Loose N/A

68. Missing N/A

69. Nuts Missing 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 (S) N/A

74. Derails

S Y R (S) N/A

75. Maximum difference in any 31" in Cross Level on the siding from the Frog Point to 50" beyond last long tie

(QK) Difference _____

76. Condition of Line thru entire turnout

(S) Y R

Guard Rails

53. Guard Rail Gage N 54 1/2 R 54 1/2 N/A

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

54. Back to back N 52 3/4 R 52 1/2 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

Remarks

Switch # 367-3B Date 11-29-17 WO # 315095J

Stock rail in the Point area has Micro cracking
& loose screw spikes

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: 11/30/17