

Switch Inspection Report/ Semi- Annual

Mainline 1 2 Yard WO# 2979916

Date 7-4-17 Inspection Crew T SCHISLER W BRYANT

- 1. Location: NAY
- 2. Switch ID# 11
- 3. Facing X Trailing _____ Flagman _____

Rail Points

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

Gage

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

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 0 N/A
- 9. Missing 0 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# 2979916

Date 7-4-17 Inspection Crew T SCHISLER W BRYANT

- 1. Location: _____
- 2. Switch ID# 11
- 3. Facing Y Trailing _____ Flagman _____

44. Frog Tread N Y R
R Y R

45. Frog Number # 6

46. Frog Point Condition

Y R

47. Condition of Frog

Y R

48. Surface of Frog

Y R

49. Throat in Inches 3 3/8

50. Flangeway Depth 2

Flangeway Depth must not be less than 1/2"

Gage

51. Main Track 56 1/2

52. Turnout Track 56 3/4

Gage must not be less than 56" for any Class

Guard Rails

53. Guard Rail Gage N 54 1/2 R 54 3/4 N/A

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

54. Back to back N 52 1/2 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"

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

Y R N/A

Tie Plates

61. Lead

Y R N/A

62. Guard Rail Flangeway

Y R N 1 3/8 R 1 7/8

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 N/A

66. Missing N/A

Rivets

67. Loose N/A

68. Missing N/A

69. Nuts Missing N/A

70. Cotter Pins Missing 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

Remarks

Switch # 11 Date 7-4-17 WO # 2979916

RH CV PT — WORN SIDE
PITTED PT
PITTED THROAT

3-9' BY SW MACHINE PLATECUT
NUMEROUS ROTTED TIMBERS

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: _____



Work Order Details (Tr)

Org ID: MTA
 Site: LTRAIL

WO # 2979941 Annual Switch Inspection
 07-04-2017~a

Numerous rotted timbers
 1 split movement timber

Alias: NAYDMOWSW-27	Yard Switch 27, RH # 6 Tr 3S to Tr 2S	Location: CMNAYARD	Chain Markers North Avenue Yard	Status: OPERATING
Asset: 1258903	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 Mileage Meter:

Sched Start:	
Sched Finish:	
Target Start:	7/28/17
Target Finish:	7/28/17
Actual Start:	7/4/17
Actual Finish:	7/4/17
Report Date:	7/1/17
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:	47625

Job Plan:	2689
Job Desc:	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 # 2979941 Annual Switch Inspection
 07-04-2017~a
 Numerous rotted timbers
 1 split movement timber

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

Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2979941 Annual Switch Inspection
07-04-2017~a

Numerous rotted timbers
1 split movement timber

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
AREPAIR		TSCHISLI							N		00:00	01:00	39.44
LEAD		WBRYAN							N		00:00	01:00	42.05
Total Actual Labor:											81.49		



Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2979941 Annual Switch Inspection
07-04-2017~a
Numerous rotted timbers
1 split movement timber

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

Crew ID: null
 WO # 2980016 Annual Switch Inspection

Alias: NAYDMOWSW-29 Yard Switch 29, RH # 6 Tr 5S to Tr Location: CMNAYARD Chain Markers Status: OPERATING
 51/2S North Avenue Yard

Asset: 1261765 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

Cl: Mileage Meter:

Sched Start:	
Sched Finish:	
Target Start:	7/28/17
Target Finish:	7/28/17
Actual Start:	7/4/17
Actual Finish:	7/4/17
Report Date:	7/1/17
Reported By:	MTACRON
Requestor of Work:	

Site:	LTRAIL
Priority:	1
Work Type:	PM
Status:	CLOSE
Parent:	
Person Group:	MTA527
GL Account:	J05-####-05270-#####-0901-#####-#####-#####-####
Warranty Situation Present?	N
PM Num:	47626

Job Plan:	2689
Job Desc:	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	Annual Switch Inspection		



Work Order Details (Tr)

Org ID: MTA
 Site: LTRAIL

WO # 2980016 Annual Switch Inspection

Actual Labor													
Task ID	Craft	Skill Level	Labor	Component	Position	Reason for Repair	Work Accomplishec	Part Failure	Warranty	Contract Num	Regular Hours	Premium Hours	Line Cost
AREPAIR		TSCHISLI				N					00:00	01:00	39.44
LEAD		WBRYAN				N					00:00	01:00	42.05
Total Actual Labor:											81.49		



Work Order Details (Tr)

Org ID: MTA
Site: LTRAIL

WO # 2980016 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# 2980016

Date 7-4-17 Inspection Crew T SCHISLER W BRYANT

- 1. Location: _____
- 2. Switch ID# 29
- 3. Facing X Trailing _____ Flagman _____

Rail Points

- 4. Point to Point 51 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 4 1/2 R 4 1/2
- 7. Point opening
N S R S
- 8. Fit S Y R
- 9. General Condition of the points S Y R

Gage

- 10. Heel of Switch
 - a. Main 54 1/2
 - b. Turnout 54 3/4
- 11. Gage ahead of Bend 54 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 S Y R
- 5. Condition S Y R

Bolts

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

Rivets

- 8. Loose 0 N/A
- 9. Missing 0 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

Frog Inspection Report/ Semi- Annual

Mainline 1 2 Yard WO# 2980016

Date 7-4-17 Inspection Crew T SCHISLER W BRYANT

- 1. Location: _____
- 2. Switch ID# 29
- 3. Facing X Trailing _____ Flagman _____

44. Frog Tread N Y R
R Y R

45. Frog Number # 6

46. Frog Point Condition
 Y R

47. Condition of Frog
 Y R

48. Surface of Frog
 Y R

49. Throat in Inches 3 3/8

50. Flangeway Depth 2
Flangeway Depth must not be less than 1/2"

Gage

51. Main Track 56 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 7/8 N/A
Guard Rail Gage must be less than 54 3/8"

54. Back to back N _____ R _____ 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 N/A

60. Rail Movement
 Y R N/A

Tie Plates

61. Lead
 Y R N/A

62. Guard Rail Flangeway
 Y R N _____ R _____ N/A
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 N/A

66. Missing N/A

Rivets

67. Loose N/A

68. Missing N/A

69. Nuts Missing N/A

70. Cotter Pins Missing 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

Remarks

Switch # 29 Date 7-7-17 WO # 2980014

NO NEW DEFECTS

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: _____

Work Order Details (Tr)

Org ID: MTA
 Site: LTRAIL

WO # 2980038 Annual Switch Inspection
 07-04-2017

Pitted point
 Pitted throat

Alias: NAYDMOWSW-39	Yard Switch 39, RH # 6 SW ladder to Tr 12S	Location: CMNAYARD	Chain Markers North Avenue Yard	Status: OPERATING
Asset: 1256049	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 Mileage Meter:

CI:

Sched Start:	
Sched Finish:	
Target Start:	7/28/17
Target Finish:	7/28/17
Actual Start:	7/4/17
Actual Finish:	7/4/17
Report Date:	7/1/17
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:	47629

Job Plan:	2689
Job Desc:	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 # 2980038 Annual Switch Inspection
07-04-2017

Pitted point
Pitted throat

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