



**HIGHWAY FACTORS AND RAILROAD GRADE CROSSING
GROUP CHAIRMAN'S FACTUAL REPORT**

**Highway and Rail Crossing Attachment – Buckingham Branch Railroad –
Grade Crossing Warning System, Annual Test Record**

Crozet, Virginia

HWY18MH005

(3 pages)

BBRR - R&A EAST - LANETOWN. 224704E MP195.85 - 224704E
Yearly Crossing Inspection Test, Completed: 2017-09-15

AP.BBRR.Test.1129

NOTES

Name	Value
Abbreviations	G = Gate C= Cantilever NB = Northbound SB = Southbound E = East W = West
Testing	ALL Approach shunt testing performed at ninety percent (90%) of approach length as noted on the plans.
Test Results Codes	OK = Test or Inspection Completed-Equipment meets FRA requirements UN = Unsatisfactory N / A = Not Applicable
Action Taken Codes	A = Adjustment made & test complete-Equipment in satisfactory condition R = Repairs or replacements needed S = Repairs or replacements made-Equipment in satisfactory condition N/A = No action required

FLASHING LIGHT and LAMP VOLTAGE (FRA 234.253 & 234.217 & 234.221)

	Unit Tested	Flasher Assigned	Flasher Rate	Record Voltage	Voltage after Action	Alignment Inspection Result	Action Taken	Notes and Explanations
1	A	FR	52	12.5	13	OK	NONE	
2	B	FR	52	12.5	13	OK	NONE	
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

Verify Crossing Plans, Signs, Tags, and AS Wrap Circuit

	Verify	Test Result	Action Taken	Notes and Explanations
1	Plans - FRA (234.201)	OK	NONE	
2	Tags - FRA (234.239)	OK	NONE	
3	Signs - FRA (234.245)	OK	NONE	

Warning Time - Method of Test (FRA 234.259)

Name	Value	Name	Value	Name	Value	Name	Value
Method of Testing *	C	Time Table Speed (MPH) *	60				
Approach Length NB1 (feet) *	2728	Approach Length NB2 (feet)	2728	Approach Length SB1 (feet) *	2728	Approach Length SB2 (feet)	2728

Warning Time (FRA 234.259)

	Equipment Tested	Approach Direction	Warning Time (sec)	Test Result	Notes and Explanations
1	SAFETRAN 3000	EB	25	OK	2190@25SEC
2	SAFETRAN 3000	WB	25	OK	2190@25SEC
3	SAFETRAN 3000	EB	25	OK	2190@25SEC
4	SAFETRAN 3000	WB	25	OK	2190@25SEC
5					

Timing Devices (FRA 234.265)

	Device Nomenclature	Predetermined Time (min:sec)	Actual Time (min:sec)	Test Result	Action Taken	Notes and Explanations
1						
2						

Gate Operation (FRA 234.255)

	G1	G2	G3	G4	G5	G6	G7	G8	Notes and Explanations
1	OK	OK							

Sign-Off

Status: COMPLETE

Resp. Party: MAYS, STEVE

Signature: _____ **Date:** 2017-09-15