

DCA-13-MR-002
Derailment/Hazardous Materials Release
Paulsboro, NJ
November 30, 2012

ATTACHMENT 13

Paulsboro Test Records

Searchlight Mechanism and Colorlight Signals
 Test 6-102



DUE JULY / JANUARY

Section 16 SUB # 1

Location	Signal Unit	* Test Results		Remarks	Date 2012	Signature
		6-102A	6-102B			
PENNSGROVE SEC.	96 S	C			1-6	
MP 9.6	[A] HEAD					
PENNSGROVE SEC.	[A] HEAD	C			1-6	
MP 13						
APPROACH TO PAULSBORO BRIDGE						
PAULSBORO BRIDGE	1 S					
MP 13.7	[A] HEAD	C			1-6	
	1 N	C				
	[A] HEAD				1-6	

PENNSGROVE SEC SECTION 16 SUB 1

* Test Results

- C Test completed, left in compliance
- A Adjustment made, test completed, left in compliance, identify item
- R Repair/replaced, test completed, left in compliance, identify item

**Searchlight Mechanism and Colorlight Signals
Test 6-102**



DUE JULY / JANUARY

Section 16 SUB # 1

Location	Signal Unit	* Test Results		Remarks	Date 2012	Signature
		6-102A	6-102B			
PENNSGROVE SEC MP 9.6	96 S [A] HEAD	C		*Paint Black*	7-6	
PENNSGROVE SEC MP 13	[A] HEAD	C			7-8	
APPROACH TO PAULSBORO BRIDGE						
PAULSBORO BRIDGE MP 13.7	1 S [A] HEAD	C		Replaced lamps	7-9	
	1 N [A] HEAD	C		Replaced lamps	7-9	

PENNSGROVE SEC SECTION 16 SUB 1

* Test Results

- C Test completed, left in compliance
- A Adjustment made, test completed, left in compliance, identify item
- R Repair/replaced, test completed, left in compliance, identify item

Movable Bridge



Location: PAULSBORO BRIDGE M.P. 13.7

Section 16 SUB # 1

Circuit Cont/ Prox Sw No.	* Test Results							Remarks	Date 2012	Signature
	Surface Wedge	Bridge Locks	Lift Rail	Rail Lift Beams	Rail Locks	Bridge Coupler	Bridge Seating Cont.			
PD-1	C	R	N/A	N/A	R			Replace PD	4-3-12	
PD-2	C	C			C					
PD-3	C	A			A					
PD-4	C	A	✓	✓	A					

* Test Results

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- R Repair/replaced, test completed, left in compliance, identify item



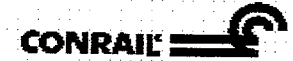
Test 9-106A 9-106B 9-106C 13-105 6-102C

Location PAULSBORO BRIDGE NORTH SIDE Section 16 SUB 1

Date Tested	Nomenclature	Type or Model	Serial Number	Resistance	Neutral						Polar				* Test Results	Signature	
					Dropaway		Pickup		Working		Pickup		Working				
					Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse			
4/17/2009	CF	B	I79-16C	18	.05A		.09A		.09A							C	
4/17/2009	BOPR	B	L837G9	500	.0064A		.0106A		0.0106							C	
4/17/2009	RC1PR	B	183501	500	.0062A		.011A		.011A							C	
4/17/2009	BNPPR	B	218835	500	.0062A		.011A		.011A							C	
4/17/2009	C1TR	ST-DC	306380	0.5	.258A		.362A		.362A							C	
4/17/2009	D1TR	ST-DC	600331	0.5	.260A		.360A		.360A							C	

* Test Results
 C Test completed, left in compliance
 A Adjustment made, test completed, left in compliance (identify item)
 R Repair/replaced, test completed, left in compliance (identify item)

Electro magnetic devices



Test 9-106A 9-106B 9-106C 13-105 6-102C

Location PAULSBORO BRIDGE

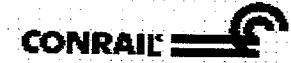
SOUTH SIDE

Section 16 SUB 1

Date Tested	Nomenclature	Type or Model	Serial Number	Resistance	Neutral						Polar				* Test Results	Signature
					Dropaway		Pickup		Working		Pickup		Working			
					Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse		
4/17/2009	B1TR	B	25131H008	0.5	.220A		.300A		.300A						C	
4/17/2009	A10TR	B	207819	500	.0054A		.010A		.010A						C	
4/17/2009	C1TPR	B	C82N68	500	.0056A		.0112A		.0112A						C	
4/17/2009	D1TPR	B	472938	500	.0058A		.0102A		.0102A						C	
4/17/2009	PDSR	B	523831	194	.0096A		.034A		.034A						C	
4/17/2009	BNPR	B	C78W03	194	.011A		.032A		.032A						C	
4/17/2009	B1TSR	B	511-664	500	.0062A		.009A		.009A						C	
4/17/2009	C1TSR	B	503077	500	.0056A		.0112A		.0112A						C	
4/17/2009	BRC SR	B	180U26	194	.0098A		.030A		.030A						C	
4/17/2009	PD1-2R	B	593315	500	.007A		.0106A		.0106A						C	
4/17/2009	PD3-4PR	B	532609	500	.0056A		.0105A		.0105A						C	

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Test 9-106A 9-106B 9-106C 13-105 6-102C

Location PAULSBORO BRIDGE

SOUTH SIDE

Section 16 SUB 1

Date Tested	Nomenclature	Type or Model	Serial Number	Resistance	Neutral						Polar				* Test Results	Signature
					Dropaway		Pickup		Working		Pickup		Working			
					Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse		
4/17/2009	B1TR	B	25131H008	0.5	.220A		.300A		.300A						C	
4/17/2009	A10TR	B	207819	500	.0054A		.010A		.010A						C	
4/17/2009	C1TPR	B	C82N68	500	.0056A		.0112A		.0112A						C	
4/17/2009	D1TPR	B	472938	500	.0058A		.0102A		.0102A						C	
4/17/2009	PDSR	B	523831	194	.0096A		.034A		.034A						C	
4/17/2009	BNPR	B	C78W03	194	.011A		.032A		.032A						C	
4/17/2009	B1TSR	B	511-664	500	.0062A		.009A		.009A						C	
4/17/2009	C1TSR	B	503077	500	.0056A		.0112A		.0112A						C	
4/17/2009	BRC SR	B	I80U26	194	.0098A		.030A		.030A						C	
4/17/2009	PD1-2R	B	593315	500	.007A		.0106A		.0106A						C	
4/17/2009	PD3-4PR	B	532609	500	.0056A		.0105A		.0105A						C	

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Electro magnetic devices



Test 9-106A

9-106B

9-106C

13-105

6-102C

Location PAULSBORO BRIDGE

NORTH SIDE

Section 16 SUB 1

Date Tested	Nomenclature	Type or Model	Serial Number	Resistance	Neutral						Polar				* Test Results	Signature
					Dropaway		Pickup		Working		Pickup		Working			
					Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse		
4/17/2009	CF	B	179-16C	18	.05A		.09A		.09A						C	
4/17/2009	BOPR	B	L837G9	500	.0064A		.0106A		0.0106						C	
4/17/2009	RC1PR	B	183501	500	.0062A		.011A		.011A						C	
4/17/2009	BNPPR	B	218835	500	.0062A		.011A		.011A						C	
4/17/2009	C1TR	ST-DC	306380	0.5	.258A		.362A		.362A						C	
4/17/2009	D1TR	ST-DC	600331	0.5	.260A		.360A		.360A						C	

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