



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE BM CZ	C.I.L. 69TH ST B HOUSE	RACK 3	POSITION 1A	DATE REPAIRED 07161992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992108	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	5.6	0.007
WORKING (NORMAL)	8.0		WORKING (NORMAL)	5.6	0.007
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.3	0.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3	X			
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		CRACKED CASE
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)
Peter Mamot
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

09022017
DATE
09022017
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

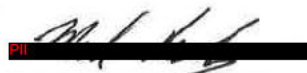
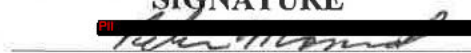
RELAY NOMENCLATURE BMC2P	C.I.L. 69TH ST B House	RACK 3	POSITION 1B	DATE REPAIRED 07 17 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 2992220	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. GFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.9	0.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.9	0.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	4.4	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		2F CONTACT
A4			X	
A5		X		CRACKED CASE
A6			X	
A7	X			
B1	X			
B2		X		2F CONTACT
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REOMANN
MAINTAINER (PRINT NAME)
Peter Mounet
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

09022017
DATE
09022017
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE BSMZR	C.I.L. 69TH ST BHOUSE	RACK 3	POSITION 1C	DATE REPAIRED 07 17 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2992149	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	7.2	0.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.2	0.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.5	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3		X		CONTACT 2F
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2		X		CONTACT 2F
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09 02 2017
 DATE
04 02 2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE FOR	C.I.L. 69TH ST B House	RACK 3	POSITION 1E	DATE REPAIRED 05081992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B1992101	INDEX or SPEC. 99275257	COIL (OHMS) 125	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	3.0	-	PICK UP (NORMAL)	3.0	0.025
WORKING (NORMAL)	3.0	-	WORKING (NORMAL)	3.0	0.025
RELEASE (NORMAL)	1.0	-	RELEASE (NORMAL)	1.1	0.010
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3		X		ALL FRONT CONTACTS AND 2B
A4			X	
A5		X		CASE DISCOLORED
A6			X	
A7	X			
B1	X			
B2		X		ALL FRONT CONTACTS AND 2B
B3	X			
B4			X	
B5			X	
B6		X		CASE DISCOLORED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

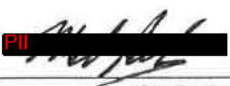
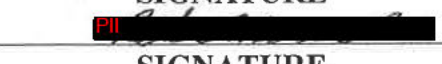
RELAY NOMENCLATURE PEDXR	C.I.L. 69th ST B House	RACK 3	POSITION 1H	DATE REPAIRED 04221991	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B1592399	INDEX or SPEC. 99275257	COIL (OHMS) 125	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	3.0	-	PICK UP (NORMAL)	2.8	0.023
WORKING (NORMAL)	3.0	-	WORKING (NORMAL)	2.8	0.023
RELEASE (NORMAL)	1.0	-	RELEASE (NORMAL)	1.3	0.011
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		2B, 4B, 1B, 3B CONTACTS. ALL BACK CONTACTS
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2		X		ALL BACK CONTACTS
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE EOCR	C.I.L. 69th St B House	RACK 3	POSITION 1F	DATE REPAIRED 10 02 1997	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER P 40436	INDEX or SPEC. 99255114	COIL (OHMS) 500	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	4.9	-	PICK UP (NORMAL)	5.1	0.011
WORKING (NORMAL)	5.7	-	WORKING (NORMAL)	5.1	0.011
RELEASE (NORMAL)	2.9	-	RELEASE (NORMAL)	3.2	0.007
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3		X		4F CONTACT
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		4F CONTACT
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)
Peter Monet
MAINTAINER (PRINT NAME)

PII [Redacted]
SIGNATURE
[Redacted]
SIGNATURE

09 02 2017
DATE
09 02 2017
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE EOZR	C.I.L. 69TH ST B HOUSE	RACK 3	POSITION 1G	DATE REPAIRED 11/10/2005	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B3092126	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. GFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.8	-	PICK UP (NORMAL)	6.4	0.008
WORKING (NORMAL)	6.8	-	WORKING (NORMAL)	6.4	0.008
RELEASE (NORMAL)	3.2	-	RELEASE (NORMAL)	3.9	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1				
A2	X			
A3	X	X		CONTACT 1 F
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X	X		CONTACT 1 F
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)
Peter Mamet
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

09 02 2017
DATE
09 02 2017
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE B100POR	C.I.L. 69th St B House	RACK 3	POSITION 2B	DATE REPAIRED 02 14 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B0692327	INDEX or SPEC. 99275257	COIL (OHMS) 125	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	3.0		PICK UP (NORMAL)	2.6	0.022
WORKING (NORMAL)	3.0		WORKING (NORMAL)	2.6	0.022
RELEASE (NORMAL)	1.0		RELEASE (NORMAL)	1.1	0.010
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>AICTPR</i>	C.I.L. <i>69TH - "B" House</i>	RACK <i>3</i>	POSITION <i>3A</i>	DATE REPAIRED <i>12/3/10</i>	DATE INSTALLED <i>2/28/11</i>
MODEL or TYPE <i>PC-250B</i>	SERIAL NUMBER <i>B2591338</i>	INDEX or SPEC. <i>322559005</i>	COIL (OHMS) <i>135</i>	CONTACT CONFIG. <i>4FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		<i>.018</i>	PICK UP (NORMAL)	<i>2.68</i>	<i>.020</i>
WORKING (NORMAL)			WORKING (NORMAL)	<i>2.78</i>	<i>.020</i>
RELEASE (NORMAL)		<i>.009</i>	RELEASE (NORMAL)	<i>1.20</i>	<i>.009</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted] SIGNATURE

PII [Redacted] SIGNATURE

9/16/17
 DATE

9/16/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>3CTPK</i>	C.I.L. 69 TH – "B" House	RACK 3	POSITION 3 E	DATE REPAIRED 4/10/12	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER <i>B2591326</i>	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>2.63</i>	<i>.019</i>	PICK UP (NORMAL)	<i>2.78</i>	<i>.020</i>
WORKING (NORMAL)			WORKING (NORMAL)	<i>3.36</i>	<i>.024</i>
RELEASE (NORMAL)	<i>1.65</i>	<i>.012</i>	RELEASE (NORMAL)	<i>1.71</i>	<i>.012</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	<u><i>[Signature]</i></u> SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	<u><i>[Signature]</i></u> SIGNATURE	<u>9/16/17</u> DATE



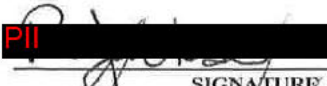
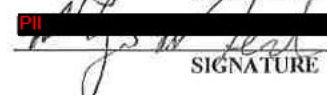
SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A3 CTR</i>	C.I.L. 69 TH - "B" House	RACK 3	POSITION 35	DATE REPAIRED 5/01/15	DATE INSTALLED 10/13/16
MODEL or TYPE. PC-250B	SERIAL NUMBER <i>B 2591303</i>		INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>2.86</i>	<i>.019</i>	PICK UP (NORMAL)	<i>2.95</i>	<i>.021</i>
WORKING (NORMAL)			WORKING (NORMAL)	<i>3.15</i>	<i>.022</i>
RELEASE (NORMAL)	<i>1.53</i>	<i>.01</i>	RELEASE (NORMAL)	<i>1.61</i>	<i>.011</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE


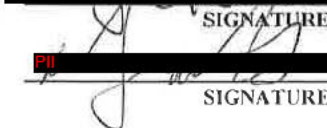
SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A2 CTR</i> MODEL or TYPE. PC-250B	C.I.L. 69TH - "B" House	RACK 3	POSITION 4A	DATE REPAIRED 9/19/91	DATE INSTALLED
	SERIAL NUMBER B3691091	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		<i>.015</i>	PICK UP (NORMAL)	<i>3.25</i>	<i>.023</i>
WORKING (NORMAL)			WORKING (NORMAL)	<i>3.36</i>	<i>.024</i>
RELEASE (NORMAL)		<i>.008</i>	RELEASE (NORMAL)	<i>1.61</i>	<i>.011</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>4ACTPR</i>	C.I.L. 69 TH - "B" House	RACK 3	POSITION 4E	DATE REPAIRED 7/9/91	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B2591328	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>1.015</i>	<i>.015</i>	PICK UP (NORMAL)	<i>3.36</i>	<i>.024</i>
WORKING (NORMAL)			WORKING (NORMAL)	<i>3.36</i>	<i>.024</i>
RELEASE (NORMAL)		<i>.008</i>	RELEASE (NORMAL)	<i>1.20</i>	<i>.008</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	<u><i>[Signature]</i></u> SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	<u><i>[Signature]</i></u> SIGNATURE	<u>9/16/17</u> DATE



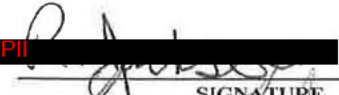
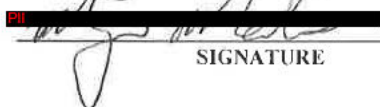
SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>4B CTR</i>	C.I.L. 69 TH - "B" House	RACK 3	POSITION 5A	DATE REPAIRED 9/16/17	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER <i>B 3691083</i>	INDEX or SPEC. 322559005		COIL (OHMS) 135	CONTACT CONFIG. 4FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		<i>.015</i>	PICK UP (NORMAL)	<i>3.36</i>	<i>.024</i>
WORKING (NORMAL)			WORKING (NORMAL)	<i>3.36</i>	<i>.024</i>
RELEASE (NORMAL)		<i>.008</i>	RELEASE (NORMAL)	<i>1.50</i>	<i>.011</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A4 CTR</i>	C.I.L. 69 TH - "B" House	RACK 3	POSITION 5E	DATE REPAIRED 6/10/99	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B1891223	INDEX or SPEC. 322559005		COIL (OHMS) 135	CONTACT CONFIG. 4FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.022	PICK UP (NORMAL)	3.46	.025
WORKING (NORMAL)		.022	WORKING (NORMAL)	3.46	.025
RELEASE (NORMAL)		.007	RELEASE (NORMAL)	.93	.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE

[Signature]

 SIGNATURE

 9/16/17
 DATE

 9/16/17
 DATE



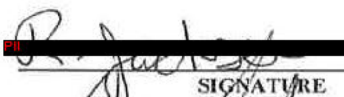
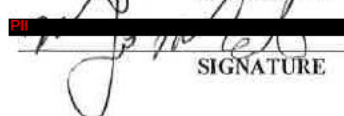
SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>B4 CTPR</i>	C.I.L. <i>69TH - "B" House</i>	RACK <i>3</i>	POSITION <i>6A</i>	DATE REPAIRED <i>11/11/10</i>	DATE INSTALLED <i>11/18/10</i>
MODEL or TYPE. PC-250B	SERIAL NUMBER <i>470600061</i>	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		<i>.020</i>	PICK UP (NORMAL)	<i>2.88</i>	<i>.020</i>
WORKING (NORMAL)			WORKING (NORMAL)	<i>3.46</i>	<i>.025</i>
RELEASE (NORMAL)		<i>.012</i>	RELEASE (NORMAL)	<i>1.60</i>	<i>.011</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	 SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	 SIGNATURE	<u>9/16/17</u> DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A2NUSR	C.I.L. 69TH ST. B HOUSE	RACK 2	POSITION 1A	DATE REPAIRED 07 16 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992109	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. GFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.3	0.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.3	0.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.5	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momot
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A2 SUSR	C.I.L. 69TH ST. B HOUSE	RACK 2	POSITION 1B	DATE REPAIRED 07 17 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992226	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	7.10	0.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.10	0.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	4.7	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN W
 MAINTAINER (PRINT NAME)
Peter Mamot
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

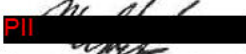
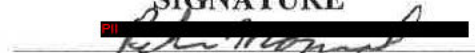
RELAY NOMENCLATURE A2 TPR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 1C	DATE REPAIRED 04 22 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B1392351	INDEX or SPEC. 99255180	COIL (OHMS) 200	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0	-	PICK UP (NORMAL)	6.6	0.032
WORKING (NORMAL)	9.0	-	WORKING (NORMAL)	6.6	0.032
RELEASE (NORMAL)	3.5	-	RELEASE (NORMAL)	3.7	0.018
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		CONTACT 2F AND 3F
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		CONTACT 2F AND 3F
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Morrot
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

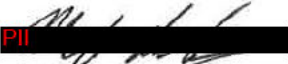
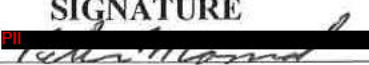
RELAY NOMENCLATURE A2 TNSR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION ID	DATE REPAIRED 07 15 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2992100	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.4	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.4	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.8	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3		X		1F AND 2F CONTACTS
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		1F AND 2F CONTACTS
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monet
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

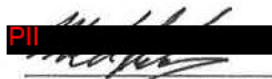
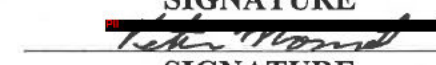
RELAY NOMENCLATURE A2TSSPR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 1E	DATE REPAIRED 09 16 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2992103	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	7.2	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	7.2	0.009
RELEASE (NORMAL)	2.48	-	RELEASE (NORMAL)	3.7	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)
Peter Monnet
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

09022017
DATE
09022017
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2 SUSPR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 1F	DATE REPAIRED 07 17 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992113	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.70	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.70	0.009
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.50	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Mamet
 MAINTAINER (PRINT NAME)

SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

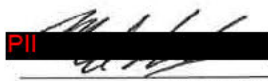
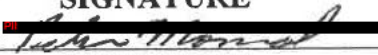
RELAY NOMENCLATURE 2NGPR	C.I.L. 69TH ST. B HOUSE	RACK 2	POSITION 1G	DATE REPAIRED 07 16 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2992102	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.0	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.0	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.3	0.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)
Peter Menet
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

09022017
DATE
09022017
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE BYABHR	C.I.L. 69TH ST. B HOUSE	RACK 2	POSITION 1H	DATE REPAIRED 05 09 1996	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 2092068	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. GFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.10	-	PICK UP (NORMAL)	5.60	0.007
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	5.60	0.007
RELEASE (NORMAL)	3.10	-	RELEASE (NORMAL)	4.30	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		CONTACT 4F
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2		X		CONTACT 4F
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

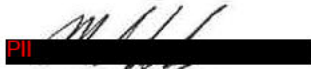
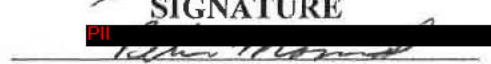
RELAY NOMENCLATURE 4 ABHR	C.I.L. 69TH ST. B HOUSE	RACK 2	POSITION 2A	DATE REPAIRED 07 15 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2992105	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6 FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.40	0.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.40	0.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.40	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X		X	
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)
Peter Momot
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

09022017
DATE
09022017
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4 LOPR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 2C	DATE REPAIRED 07 16 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 299 2114	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6 FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	5.90	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	5.90	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.5	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4ACA1	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 2D	DATE REPAIRED 07 17 1992	DATE INSTALLED
MODEL or TYPE. PD 1	SERIAL NUMBER B2992167	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	7.4	0.010
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	7.4	0.010
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.2	0.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN
 MAINTAINER (PRINT NAME)
Peter Marnot
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4ANUSR	C.I.L. CRTH ST B HOUSE	RACK 2	POSITION 2E	DATE REPAIRED 07 15 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2992088	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.6	0.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.6	0.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	4.0	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3		X		1F CONTACT
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		CONTACT 1F
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monnet
 MAINTAINER (PRINT NAME)

PII [Redacted]
 SIGNATURE
PII [Redacted]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4ASUSR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 2F	DATE REPAIRED 07 16 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2992207	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.60	0.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.60	0.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	4.20	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		CONTACT 1F
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		CONTACT 1F
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

09 02 2017
 DATE
09 02 2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4ATPR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 2G	DATE REPAIRED 07 30 1997	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 1392265	INDEX or SPEC. 99255180	COIL (OHMS) 200	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.10	-	PICK UP (NORMAL)	7.40	0.036
WORKING (NORMAL)	7.40	-	WORKING (NORMAL)	7.40	0.036
RELEASE (NORMAL)	4.0	-	RELEASE (NORMAL)	4.10	0.020
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3		X		CONTACT 2F
A4	\		X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2		X		CONTACT 2F
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN
 MAINTAINER (PRINT NAME)
Peter Momot
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

09022012
 DATE
09022012
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4BCA1	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 2H	DATE REPAIRED 07 17 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992193	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.70	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.70	0.009
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	4.30	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momot
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

09022017
 DATE
09022017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 4BNUSR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 3A	DATE REPAIRED 03 12 2013	DATE INSTALLED 05 03 2016
MODEL or TYPE. PD1	SERIAL NUMBER B 2092101	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.6	0.008	PICK UP (NORMAL)	6.4	0.008
WORKING (NORMAL)	7.0	0.008	WORKING (NORMAL)	6.4	0.008
RELEASE (NORMAL)	2.90	0.003	RELEASE (NORMAL)	4.0	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)

Peter Momet
MAINTAINER (PRINT NAME)


SIGNATURE


SIGNATURE

09 02 2017
DATE

09 02 2017
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4BSVSR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 3B	DATE REPAIRED 04 11 1993	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B4593168	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	7.3	0.010
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.3	0.010
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	4.1	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3		X		CONTACT 1F AND 3F
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		CONTACT 1F AND 3F
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:
RELAY NOMENCLATURE TAG MISSING

MARK REDMANN

MAINTAINER (PRINT NAME)

Peter Momet

MAINTAINER (PRINT NAME)

PI

SIGNATURE

SIGNATURE

09022017

DATE

09022017

DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 4BTPR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 3C	DATE REPAIRED 04241992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B139 2353	INDEX or SPEC. 99255180	COIL (OHMS) 200	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0	-	PICK UP (NORMAL)	6.40	0.031
WORKING (NORMAL)	9.0	-	WORKING (NORMAL)	6.40	0.031
RELEASE (NORMAL)	3.5	-	RELEASE (NORMAL)	3.80	0.019
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN

MAINTAINER (PRINT NAME)

Peter Mamot

MAINTAINER (PRINT NAME)

PII [Redacted]

SIGNATURE

PII [Redacted]

SIGNATURE

09022017

DATE

09022017

DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE B4TPR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 3D	DATE REPAIRED 11 08 1995	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 139 2309	INDEX or SPEC. 99255180	COIL (OHMS) 200	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0	-	PICK UP (NORMAL)	8.50	0.042
WORKING (NORMAL)	9.0	-	WORKING (NORMAL)	8.50	0.042
RELEASE (NORMAL)	3.5	-	RELEASE (NORMAL)	4.20	0.020
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		CRACKED CASE
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)
Peter Mamot
MAINTAINER (PRINT NAME)

PII [Redacted]
SIGNATURE
PII [Redacted]
SIGNATURE

09 02 2017
DATE
09 02 2017
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4NGR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 3E	DATE REPAIRED 07 17 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 2992194	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. GFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	7.2	0.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.2	0.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.7	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		CONTACT 2F
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		CONTACT 2F
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monot
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 4NGPR	C.I.L. 69th St B House	RACK 2	POSITION 3F	DATE REPAIRED 05 19 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 2092043	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	7.3	0.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.3	0.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	4.20	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)
Peter Marnet
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

09022017
DATE
09022017
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4NOTR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 3G	DATE REPAIRED 10 26 1991	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B4091197	INDEX or SPEC. 99255114	COIL (OHMS) 500	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.5		PICK UP (NORMAL)	5.0	0.010
WORKING (NORMAL)	6.5		WORKING (NORMAL)	5.0	0.010
RELEASE (NORMAL)	2.0		RELEASE (NORMAL)	3.5	0.008
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)

PII [Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE B4CA1	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 3H	DATE REPAIRED 07151992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992099	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.0	0.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.0	0.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.6	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3				
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4SAPR	C.I.L. 69th St B House	RACK 2	POSITION 4A	DATE REPAIRED 07151992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2992093	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.9	0.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.9	0.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.6	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5		X		
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monnot
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 45GR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 4B	DATE REPAIRED 05 20 2003	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B1193596	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.9	-	PICK UP (NORMAL)	6.7	0.009
WORKING (NORMAL)	7.70	-	WORKING (NORMAL)	6.7	0.009
RELEASE (NORMAL)	3.30	-	RELEASE (NORMAL)	3.9	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		CONTACT 2F AND 4B
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		CONTACT 2F AND 4B
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

09 02 2017
 DATE
09 02 2017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 456 PR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 4C	DATE REPAIRED 07151992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992234	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.5	0.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.5	0.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.5	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1				
A2	X			
A3		X		CONTACT 2F
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		CONTACT 2F
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)
Peter Momet
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

09022017
DATE
09022017
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

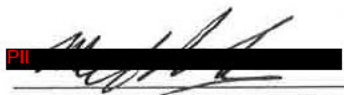
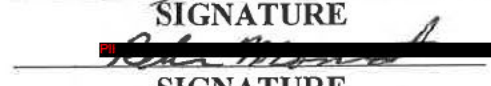
RELAY NOMENCLATURE 450TR	C.I.L. 69TH ST B HOUSE	RACK 2	POSITION 4D	DATE REPAIRED 10 18 1991	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 409 1142	INDEX or SPEC. 99255114	COIL (OHMS) 500	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.5		PICK UP (NORMAL)	5.1	0.010
WORKING (NORMAL)	6.5		WORKING (NORMAL)	5.1	0.010
RELEASE (NORMAL)	2.0		RELEASE (NORMAL)	2.8	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monot
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

0902 2017
 DATE
0902 2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A4 NUSPR</i>	C.I.L. <i>69TH ST B House</i>	RACK <i>2</i>	POSITION <i>4F</i>	DATE REPAIRED <i>07161992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2992202</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>GFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>7.6</i>	<i>0.010</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>7.6</i>	<i>0.010</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>4.0</i>	<i>0.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		<i>X</i>		
A2	<i>X</i>			
A3	<i>X</i>			
A4			<i>X</i>	
A5	<i>X</i>			
A6			<i>X</i>	
A7	<i>X</i>			
B1	<i>X</i>			
B2	<i>X</i>			
B3	<i>X</i>			
B4			<i>X</i>	
B5			<i>X</i>	
B6	<i>X</i>			
B7	<i>X</i>			
B8	<i>X</i>			
B9	<i>X</i>			
B10			<i>X</i>	
B11	<i>X</i>			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Mamot
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

09 02 2017
 DATE
09 02 2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A4TPAR	C.I.L. 69TH ST B House	RACK 2	POSITION 4H	DATE REPAIRED 0715 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2992086	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.7	0.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.7	0.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.6	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE

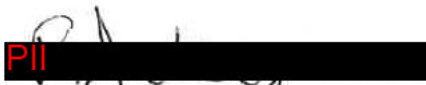
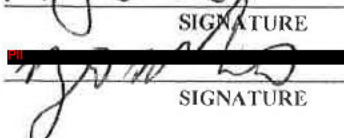
SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A4T NSPR</i>	C.I.L. <i>69th - "B" House</i>	RACK <i>2</i>	POSITION <i>5C</i>	DATE REPAIRED <i>7/18/17</i>	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER <i>B2992144</i>	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.00</i>		PICK UP (NORMAL)	<i>6.38</i>	<i>1.007</i>
WORKING (NORMAL)	<i>8.00</i>		WORKING (NORMAL)	<i>6.90</i>	<i>1.008</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>1.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A4TSSR	C.I.L. 69th - "B" House	RACK #2	POSITION 5D	DATE REPAIRED 5/22/98	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER B2092071	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.9	.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.9	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.32	.002
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		1F, 2F
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Signature]
 SIGNATURE

PII [Signature]
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE




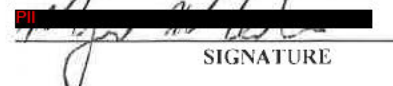
SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>B4OTR</i>	C.I.L. 69 TH – “B” House	RACK <i>2</i>	POSITION <i>5E</i>	DATE REPAIRED <i>10/23/17</i>	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER <i>B4091173</i>	INDEX or SPEC. 99255114	COIL (OHMS) 500	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.50</i>		PICK UP (NORMAL)	<i>5.89</i>	<i>.012</i>
WORKING (NORMAL)	<i>6.50</i>		WORKING (NORMAL)	<i>5.89</i>	<i>.012</i>
RELEASE (NORMAL)	<i>2.00</i>		RELEASE (NORMAL)	<i>2.82</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1		✓		<i>2F, 6B</i>
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE




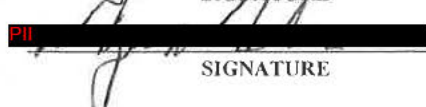
SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4NWCR	C.I.L. 69th - "B" House	RACK 2	POSITION 6C	DATE REPAIRED 7/18/92	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER B2992192	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.38	.007
WORKING (NORMAL)	8		WORKING (NORMAL)	2.17	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS: **BASE ON RELAY RACK VERY TIGHT**

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	<u></u> SIGNATURE	<u>9/16/17</u> DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>USMR</i>	C.I.L. 69 th - "B" House	RACK <i>2</i>	POSITION <i>6E</i>	DATE REPAIRED <i>5/20/92</i>	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER <i>B2092118</i>	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.38</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.38</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.00</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>1B, 2B, 3B, 4B, 5B, 6B, 2H, 4H, 5H</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3		✓		<i>3B</i>
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	<u><i>[Signature]</i></u> SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	<u><i>[Signature]</i></u> SIGNATURE	<u>9/16/17</u> DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A1NUSR</i>	C.I.L. <i>B House</i>	RACK <i>1</i>	POSITION <i>1-A</i>	DATE REPAIRED <i>7/16/92 LK</i>	DATE INSTALLED
MODEL or TYPE. <i>PD 1</i>	SERIAL NUMBER <i>B2992232</i>		INDEX or SPEC. <i>B-H</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>CF13</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8 vdc</i>		PICK UP (NORMAL)	<i>7 vdc</i>	<i>.008</i>
WORKING (NORMAL)	<i>8 vdc</i>		WORKING (NORMAL)	<i>7 vdc</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4 vdc</i>		RELEASE (NORMAL)	<i>3.7 vdc</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	<i>115</i>		LOCAL	<i>115</i>	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Edgar Vardolov
 MAINTAINER (PRINT NAME)
TERRANCE McCall
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

8/30/2017
 DATE
8-30-17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A15VSL</i>	C.I.L. <i>B House</i>	RACK <i>1</i>	POSITION <i>1-B</i>	DATE REPAIRED <i>7/15/92 36</i>	DATE INSTALLED <i>-</i>
MODEL or TYPE. <i>PD 1</i>	SERIAL NUMBER <i>B 2992209</i>	INDEX or SPEC. <i>B-H</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.2</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.2</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.1</i>		RELEASE (NORMAL)	<i>3.8</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	<i>115</i>		LOCAL	<i>115</i>	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Edgar Chudov
 MAINTAINER (PRINT NAME)
TERRANCE McCall
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

8/30/2017
 DATE
8-30-17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A1TPR</i>	C.I.L. <i>B House</i>	RACK <i>1</i>	POSITION <i>1-C</i>	DATE REPAIRED <i>12/8/97 BFW</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B 1392387</i>		INDEX or SPEC. <i>B-H</i>	COIL (OHMS) <i>200</i>	CONTACT CONFIG. <i>6PB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9.14</i>		PICK UP (NORMAL)	<i>6.9</i>	<i>.03</i>
WORKING (NORMAL)	<i>7.12</i>		WORKING (NORMAL)	<i>6.9</i>	<i>.05</i>
RELEASE (NORMAL)	<i>4.50</i>		RELEASE (NORMAL)	<i>4.2</i>	<i>.02</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	<i>115</i>		LOCAL	<i>115</i>	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Edgar Vanderzee
 MAINTAINER (PRINT NAME)
Terrance McCall
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

8/30/2017
 DATE
8-30-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>A17M5R</i>	C.I.L. <i>B House</i>	RACK <i>1</i>	POSITION <i>1-D</i>	DATE REPAIRED <i>7/16/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B 29921 75</i>		INDEX or SPEC. <i>B-H</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.</i>		PICK UP (NORMAL)	<i>8</i>	<i>.010</i>
WORKING (NORMAL)	<i>8.</i>		WORKING (NORMAL)	<i>8</i>	<i>.010</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.1</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	<i>115</i>		LOCAL	<i>115</i>	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Edgar Updegraw

 MAINTAINER (PRINT NAME)
Terrance McCall

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

8/30/2017

 DATE
8-30-17

 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A1755 PR</i>	C.I.L. <i>B House</i>	RACK <i>1</i>	POSITION <i>1-E</i>	DATE REPAIRED <i>TS</i> <i>7/15/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B2992098</i>		INDEX or SPEC. <i>B-4</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.9</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.9</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.7</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	<i>115</i>		LOCAL	<i>115</i>	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Edgar W. Henderson
 MAINTAINER (PRINT NAME)
Terrance McCall
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

8/30/2017
 DATE
8-30-17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>15VSPR</i>	C.I.L. <i>B House</i>	RACK <i>1</i>	POSITION <i>1F</i>	DATE REPAIRED <i>7/16/92</i> ^{NR}	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B2992205</i>		INDEX or SPEC. <i>B-H</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>7.5</i>	<i>.009</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>7.5</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.6</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	<i>115</i>		LOCAL	<i>115</i>	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Edgar Vandoren
 MAINTAINER (PRINT NAME)
Terrance McCall
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

8/31/2017
 DATE
8/31/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>3LOPR</i>	C.I.L. <i>B House</i>	RACK <i>1</i>	POSITION <i>18</i>	DATE REPAIRED <i>N/A</i> <i>7/17/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B2992195</i>		INDEX or SPEC. <i>B-14</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>8.4</i>	<i>.011</i>
WORKING (NORMAL)	<i>9.0</i>		WORKING (NORMAL)	<i>8.4</i>	<i>.011</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.1</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	<i>115</i>		LOCAL	<i>115</i>	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Edgar Vandercam
 MAINTAINER (PRINT NAME)
Terrance McCall
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

8/31/2017
 DATE
8/31/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>3AB4R</i>	C.I.L. <i>B - Horse</i>	RACK <i>1</i>	POSITION <i>1H</i>	DATE REPAIRED <i>7/16/92^{NR}</i>	DATE INSTALLED <i>7/17</i>
MODEL or TYPE. <i>PD 1</i>	SERIAL NUMBER <i>B 2992206</i>		INDEX or SPEC. <i>B-H</i>	COIL (OHMS) <i>80°</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>7.3</i>	<i>.009</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>7.3</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.6</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	<i>115</i>		LOCAL	<i>115</i>	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Edgar Vander Zee

 MAINTAINER (PRINT NAME)
Terrance McCall

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

8/31/2017

 DATE
8/31/17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>4 LR</i>	C.I.L. <i>B - House</i>	RACK <i>1</i>	POSITION <i>2B</i>	DATE REPAIRED <i>4/17/92^{TS}</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B 2792178</i>		INDEX or SPEC. <i>B-14</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>6.5</i>	<i>.009</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>6.5</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.9</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	<i>115</i>		LOCAL	<i>115</i>	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Edgar Vanderwee

 MAINTAINER (PRINT NAME)
Terrance McCall

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

8/31/17

 DATE
8/31/17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>3CA1</i>	C.I.L. <i>B House</i>	RACK <i>1</i>	POSITION <i>20</i>	DATE REPAIRED <i>7/16/92 TS</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B 2992181</i>		INDEX or SPEC. <i>B-4</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>6.0</i>	<i>.008</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>6.0</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.3</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	<i>115</i>		LOCAL	<i>115</i>	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Edgar Vandorven
 MAINTAINER (PRINT NAME)
Terrance McCall
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

8/31/2017
 DATE
8/31/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 3NUSR	C.I.L. 69th ST. B HOUSE	RACK 1	POSITION 2D	DATE REPAIRED 07 16 1992	DATE INSTALLED
MODEL or TYPE. PD 1	SERIAL NUMBER B2992203	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.9	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.9	0.009
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3-8	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		BURNED CONTACT 1F AND 2F
A4			✓	
A5		✓		CRACKED CASE
A6			✓	
A7	✓			
B1	✓			
B2		✓		BURNED CONTACT 1F AND 2F
B3	✓			
B4	✓			
B5	✓			
B6		✓		CRACKED CASE
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09 02 2017
 DATE
09 09 2017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 35USR	C.I.L. 69th ST. B HOUSE	RACK 1	POSITION 2E	DATE REPAIRED 07 15 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B299 2106	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.7	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.7	0.009
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.3	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3		X		1F AND 2F CONTACTS
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		1F AND 2F CONTACTS
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monat
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 3TPR	C.I.L. 69TH ST. B HOUSE	RACK 1	POSITION 2F	DATE REPAIRED 04 27 1992	DATE INSTALLED
MODEL or TYPE. PD 1	SERIAL NUMBER B1392373	INDEX or SPEC. 99255180	COIL (OHMS) 200	CONTACT CONFIG. 6F8	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0	-	PICK UP (NORMAL)	7.1	0.034
WORKING (NORMAL)	9.0	-	WORKING (NORMAL)	7.1	0.034
RELEASE (NORMAL)	3.5	-	RELEASE (NORMAL)	3.2	0.016
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		2F BURNED CONTACT
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2		X		2F CONTACT
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN
 MAINTAINER (PRINT NAME)
Peter Momot
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 3NAR	C.I.L. 69TH ST. B HOUSE	RACK 1	POSITION 26	DATE REPAIRED 0715 2017	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 299 2210	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.6	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.6	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	2.7	0.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		IF CONTACT
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2		X		IF CONTACT
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Mamot
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
[REDACTED]
 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 3NGR	C.I.L. 69th ST BHOUSE	RACK 1	POSITION 2H	DATE REPAIRED 07 15 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B299 2090	INDEX or SPEC. 99255686		COIL (OHMS) 800	CONTACT CONFIG. 6FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.4	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.4	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.5	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3		X		2F AND 4F CONTACT
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		2F AND 4F CONTACT
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11				

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monot
 MAINTAINER (PRINT NAME)

~~PII~~ [Redacted]
 SIGNATURE
~~PII~~ [Redacted]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 3NGPR	C.I.L. 69TH ST. B HOUSE	RACK 1	POSITION 3A	DATE REPAIRED 07 17 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992227	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.7	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.7	0.009
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	4.1	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		1F AND 2F CONTACT
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		1F AND 2F CONTACT
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Manost
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 3 SGR	C.I.L. 69th ST. B HOUSE	RACK 1	POSITION 3B	DATE REPAIRED 07 16 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2992229	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.2	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.2	0.008
RELEASE (NORMAL)	2.4 8.0	-	RELEASE (NORMAL)	4.3	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Morot
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 3SGPR	C.I.L. 69TH ST. BHOUSE	RACK 1	POSITION 3C	DATE REPAIRED 07 15 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992087	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.5	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.5	0.009
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	4.1	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN W
 MAINTAINER (PRINT NAME)
Peter Mamot
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3NUSPR	C.I.L. 69TH ST. B HOUSE	RACK 1	POSITION 4D	DATE REPAIRED 05 15 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092052	INDEX or SPEC. 99255686		COIL (OHMS) 800	CONTACT CONFIG. 6FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.5	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.5	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	4.2	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3	X			
A4			X	
A5		X		CRACKED CASE
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		CRACKED CASE
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Menot
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3TPAR	C.I.L. 69th ST. B House	RACK 1	POSITION 4E	DATE REPAIRED 07 18 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992140	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.6	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.6	0.009
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	4.0	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Marnot
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3TNSPR	C.I.L. 69TH ST B HOUSE	RACK 1	POSITION 4F	DATE REPAIRED 07 16 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2992104	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.6	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.6	0.009
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.8	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monat
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3 TSSR	C.I.L. 69TH ST B HOUSE	RACK 1	POSITION 4G	DATE REPAIRED 07 15 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 299 2094	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.5	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.5	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	4.4	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 350TR	C.I.L. 69TH ST. B HOUSE	RACK 1	POSITION 3D	DATE REPAIRED 10 31 1991	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B4091229	INDEX or SPEC. 99255114	COIL (OHMS) 500	CONTACT CONFIG. GFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.5	-	PICK UP (NORMAL)	5.3	0.011
WORKING (NORMAL)	6.5	-	WORKING (NORMAL)	5.3	0.011
RELEASE (NORMAL)	2.0	-	RELEASE (NORMAL)	3.2	0.007
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN

MAINTAINER (PRINT NAME)

Peter Mond

MAINTAINER (PRINT NAME)



SIGNATURE



SIGNATURE

09022017

DATE

09022017

DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4B NWR	C.I.L. 69th – "B" House	RACK 1	POSITION 36	DATE REPAIRED 3/12/09	DATE INSTALLED 4/3/09
MODEL or TYPE. PN-150BM	SERIAL NUMBER U340800805		INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.76</i>	<i>.0167</i>	PICK UP (NORMAL)	<i>6.88</i>	<i>.017</i>
WORKING (NORMAL)	<i>6.76</i>	<i>.0167</i>	WORKING (NORMAL)	<i>6.88</i>	<i>.017</i>
RELEASE (NORMAL)	<i>2.92</i>	<i>.0072</i>	RELEASE (NORMAL)	<i>2.81</i>	<i>.007</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>High Voltage Back Contacts</i>
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted Signature]

SIGNATURE

PII [Redacted Signature]

SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>5ARWR</i>	C.I.L. 69 th - "B" House	RACK 1	POSITION <i>5C</i>	DATE REPAIRED <i>4/18/09</i>	DATE INSTALLED <i>4/18/09</i>
MODEL or TYPE. PN-150BM	SERIAL NUMBER <i>430600453</i>	INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5.83</i>	<i>.0136</i>	PICK UP (NORMAL)	<i>6.26</i>	<i>.014</i>
WORKING (NORMAL)	<i>5.83</i>	<i>.0136</i>	WORKING (NORMAL)	<i>6.26</i>	<i>.014</i>
RELEASE (NORMAL)	<i>2.93</i>	<i>.0068</i>	RELEASE (NORMAL)	<i>2.51</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>High voltage contacts + Low voltage contacts</i>
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

[Signature]
 PI [Redacted]
 SIGNATURE

[Signature]
 PI [Redacted]
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>SBNWR</i>	C.I.L. <i>69th – "B" House</i>	RACK <i>1</i>	POSITION <i>5F</i>	DATE REPAIRED <i>4/9/09</i>	DATE INSTALLED <i>5/19/09</i>
MODEL or TYPE. PN-150BM	SERIAL NUMBER <i>U250701394</i>		INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.22</i>	<i>.0171</i>	PICK UP (NORMAL)	<i>7.25</i>	<i>.017</i>
WORKING (NORMAL)	<i>7.22</i>	<i>.0171</i>	WORKING (NORMAL)	<i>7.25</i>	<i>.017</i>
RELEASE (NORMAL)	<i>3.08</i>	<i>.0073</i>	RELEASE (NORMAL)	<i>2.92</i>	<i>.007</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>High voltage contacts</i>
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

<u>R. Jackson</u> MAINTAINER (PRINT NAME)	<u><i>[Signature]</i></u> SIGNATURE	<u>9/16/17</u> DATE
<u>M. Medina</u> MAINTAINER (PRINT NAME)	<u><i>[Signature]</i></u> SIGNATURE	<u>9/16/17</u> DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 5LR	C.I.L. 69TH ST, B HOUSE	RACK 1	POSITION 5H	DATE REPAIRED 07 16 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 299 2196	INDEX or SPEC. 99255 686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.4	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.4	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.7	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Mamet
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 5NWCR	C.I.L. 69TH ST. B HOUSE	RACK 1	POSITION 6A	DATE REPAIRED 05 21 1992	DATE INSTALLED
MODEL or TYPE. PD 1	SERIAL NUMBER B2092175	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.2	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.2	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	4.1	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5		X		CRACKED CASE
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		CRACKED CASE
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monot
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE SRWCR	C.I.L. 69TH ST. B HOUSE	RACK 1	POSITION 6B	DATE REPAIRED 07 17 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 299 2180	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.5	0.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.5	0.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	4.1	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1				
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN W
MAINTAINER (PRINT NAME)
Peter Monot
MAINTAINER (PRINT NAME)

PII [Redacted]
SIGNATURE
PII [Redacted]
SIGNATURE

09022017
DATE
09022017
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 5 SMR	C.I.L. 69TH ST. B HOUSE	RACK 1	POSITION 6C	DATE REPAIRED 07 17 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2992150	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	5.9	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	5.9	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.9	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3	X			
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		CRACKED CASE
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN W
 MAINTAINER (PRINT NAME)
Peter Mamot
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
[REDACTED]
 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 5WBKR	C.I.L. 69TH ST. B HOUSE	RACK 1	POSITION 6D	DATE REPAIRED 07 15 1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2992095	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.6	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.6	0.009
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	4.5	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Mamot
 MAINTAINER (PRINT NAME)

~~PII~~
 SIGNATURE
~~PII~~
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

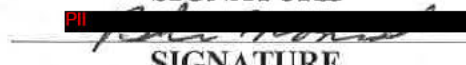
RELAY NOMENCLATURE 7SGPR	C.I.L. 69TH ST. B HOUSE	RACK 1	POSITION 6F	DATE REPAIRED 03 19 2013	DATE INSTALLED 08 24 2016
MODEL or TYPE. PDI	SERIAL NUMBER B 1193747	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.50	0.009	PICK UP (NORMAL)	7.3	0.010
WORKING (NORMAL)	7.50	0.009	WORKING (NORMAL)	7.3	0.010
RELEASE (NORMAL)	2.75	0.003	RELEASE (NORMAL)	3.0	0.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3	X			
A4			X	
A5		X		CRACKED CASE
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		CRACKED CASE
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momot
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>Amcz</i>	C.I.L. <i>69th A House</i>	RACK <i>3</i>	POSITION <i>1A</i>	DATE REPAIRED <i>3/30/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B1392399</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>2005 Pa</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>8.10</i>	<i>.039</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>8.10</i>	<i>.039</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.89</i>	<i>.019</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		<i>TAG MOUNT INSIDE</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
V. Searazza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE AMCZP	C.I.L. 69th A House	RACK 3	POSITION 1B	DATE REPAIRED 4/14/92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B0892152	INDEX or SPEC. 992551086	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.07	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.58	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.99	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		CONTACT BURN
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Rocida
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE EOR	C.I.L. 69th "A"	RACK 3	POSITION 10	DATE REPAIRED 2/20/2000	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B1592404	INDEX or SPEC.	COIL (OHMS) 125	CONTACT CONFIG.	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	2.4		PICK UP (NORMAL)	2.48	.020
WORKING (NORMAL)	8-12		WORKING (NORMAL)	2.48	.020
RELEASE (NORMAL)	.97		RELEASE (NORMAL)	1.20	.009
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		CONTACTS BURNT (SLIGHT)
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procede
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/12/17
 DATE
9/12/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE EOZR	C.I.L. 109th A House	RACK 3	POSITION 1E	DATE REPAIRED 7/18/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B299 2166	INDEX or SPEC. 99255 (8)	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.97	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.97	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.72	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
V. Scarazza
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/2/17
DATE
9/2/17
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>EOCR</i>	C.I.L. <i>169th Ahouse</i>	RACK <i>3</i>	POSITION <i>1F</i>	DATE REPAIRED <i>5/29/09</i>	DATE INSTALLED <i>6/10/2009</i>
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B1697013</i>	INDEX or SPEC. <i>49255004</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5.5</i>	<i>.008</i>	PICK UP (NORMAL)	<i>5.58</i>	<i>.011</i>
WORKING (NORMAL)	<i>5.8</i>	<i>.009</i>	WORKING (NORMAL)	<i>5.58</i>	<i>.011</i>
RELEASE (NORMAL)	<i>3.1</i>	<i>.006</i>	RELEASE (NORMAL)	<i>2.99</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procidia
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
 PII
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>SMZR</i>	C.I.L. <i>69th A House</i>	RACK <i>3</i>	POSITION <i>1G</i>	DATE REPAIRED <i>3/30/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B 1392289</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>200SPu</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>9.08</i>	<i>.045</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>9.08</i>	<i>.045</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>4.94</i>	<i>.024</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACT BURNT</i>
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS BROKEN</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED] SIGNATURE
[Signature]
 PII [REDACTED] SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A100 PDR</i>	C.I.L. <i>69th A House</i>	RACK <i>3</i>	POSITION <i>114</i>	DATE REPAIRED <i>5/11/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI magstar</i>	SERIAL NUMBER <i>B1992098</i>	INDEX or SPEC. <i>99275257</i>	COIL (OHMS) <i>125</i>	CONTACT CONFIG. <i>4FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>3.0</i>		PICK UP (NORMAL)	<i>2.68</i>	<i>.021</i>
WORKING (NORMAL)	<i>3.0</i>		WORKING (NORMAL)	<i>2.68</i>	<i>.021</i>
RELEASE (NORMAL)	<i>1.0</i>		RELEASE (NORMAL)	<i>1.20</i>	<i>.009</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2				
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED.</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procidia
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A2CTPR	C.I.L. 69TH - "A" House	RACK 3	POSITION 4E	DATE REPAIRED 6/14/02	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B2591302	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	


SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		<i>.020</i>	PICK UP (NORMAL)	<i>2.88</i>	<i>.021</i>
WORKING (NORMAL)		<i>.020</i>	WORKING (NORMAL)	<i>2.88</i>	<i>.021</i>
RELEASE (NORMAL)		<i>.012</i>	RELEASE (NORMAL)	<i>1.40</i>	<i>.010</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

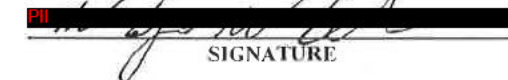
VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)


 SIGNATURE


 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE ICTPR	C.I.L. 69 TH – "A" House	RACK 3	POSITION 4J	DATE REPAIRED 11/30/14	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B3191317	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.021	PICK UP (NORMAL)	2.95	.021
WORKING (NORMAL)	8-12		WORKING (NORMAL)	2.95	.021
RELEASE (NORMAL)	.	.011	RELEASE (NORMAL)	1.50	.011
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2		✓		2F CONTACT BURND
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted Signature] SIGNATURE
 PII [Redacted Signature] SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2ACTPR	C.I.L. 69 TH - "A" House	RACK 3	POSITION 5A	DATE REPAIRED 9/20/99	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B1891219	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.020	PICK UP (NORMAL)	2.95	.022
WORKING (NORMAL)		.020	WORKING (NORMAL)	2.95	.022
RELEASE (NORMAL)		.008	RELEASE (NORMAL)	1.10	.008
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1		✓		1B MISS NIGNED
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

PII [Redacted] SIGNATURE

9/16/17
 DATE

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted] SIGNATURE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2CTPR	C.I.L. 69TH – “A” House	RACK 3	POSITION 5E	DATE REPAIRED 10/30/97	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B.319 1316	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.020	PICK UP (NORMAL)	2.68	.019
WORKING (NORMAL)	8-12		WORKING (NORMAL)	2.68	.019
RELEASE (NORMAL)		.010	RELEASE (NORMAL)	1.10	.008
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted] SIGNATURE
 PII [Redacted] SIGNATURE

9/16/17
 DATE

9/16/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 705CTPR	C.I.L. 69 TH – "A" House	RACK 3	POSITION 5J	DATE REPAIRED 3/13/03	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B3191337	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.021	PICK UP (NORMAL)	2.58	.018
WORKING (NORMAL)	8-12		WORKING (NORMAL)	2.98	.021
RELEASE (NORMAL)		.012	RELEASE (NORMAL)	1.40	.010
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

 SIGNATURE

 SIGNATURE

 9/16/17
 DATE

 9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 706CTPR	C.I.L. 69 TH – "A" House	RACK 3	POSITION 6C	DATE REPAIRED 11/10/11	DATE INSTALLED 2/23/11
MODEL or TYPE. PC-250B	SERIAL NUMBER B3191355	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.019	PICK UP (NORMAL)	2.78	.020
WORKING (NORMAL)	8-12		WORKING (NORMAL)	3.05	.022
RELEASE (NORMAL)		.010	RELEASE (NORMAL)	1.61	.011
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1		✓		1B CONTACT HAS A GAP
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted] SIGNATURE
 PII [Redacted] SIGNATURE

9/16/17
 DATE

9/16/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A2 NM SPR</i>	C.I.L. <i>A House 69th</i>	RACK <i>2</i>	POSITION <i>1A</i>	DATE REPAIRED <i>4/16/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1^B</i>	SERIAL NUMBER <i>B0892156</i>	INDEX or SPEC. <i>99255186</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.58</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.58</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.61</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	<i>N/A</i>		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARFACCIA
 MAINTAINER (PRINT NAME)

[Signature]
 PI _____
 SIGNATURE
 PI _____
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE AZ TPAR	C.I.L. 69th House	RACK 2	POSITION 1B	DATE REPAIRED 6/4/92	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER B2092186	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.9	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.9	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.9	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			NA	
A5	✓			
A6			NA	
A7	✓			
B1	✓			
B2	✓			
B3			NA	
B4			NA	
B5			NA	
B6		✓		Broke. Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A2N GR</i>	C.I.L. <i>69th Abuse</i>	RACK <i>2</i>	POSITION <i>1B</i>	DATE REPAIRED <i>6/2/11</i>	DATE INSTALLED <i>02/29/14</i>
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B3092029</i>	INDEX or SPEC. <i>99255684</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.19</i>	<i>.011</i>	PICK UP (NORMAL)	<i>7.07</i>	<i>.009</i>
WORKING (NORMAL)	<i>7.68</i>	<i>.012</i>	WORKING (NORMAL)	<i>7.69</i>	<i>.009</i>
RELEASE (NORMAL)	<i>3.48</i>	<i>.007</i>	RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procidia
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED] SIGNATURE
[Signature]
 PII [REDACTED] SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A21 NSPR</i>	C.I.L. <i>69th A House</i>	RACK <i>2</i>	POSITION <i>1D</i>	DATE REPAIRED <i>6/2/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>2092154</i> <i>B2709</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.90</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.90</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.602</i>	<i>1003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT V SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED]
 SIGNATURE
 PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A255R</i>	C.I.L. <i>69th A House</i>	RACK <i>2</i>	POSITION <i>1E</i>	DATE REPAIRED <i>4/5/96</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092067</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5.91</i>		PICK UP (NORMAL)	<i>5.90</i>	<i>.007</i>
WORKING (NORMAL)	<i>8.00</i>		WORKING (NORMAL)	<i>6.38</i>	<i>.008</i>
RELEASE (NORMAL)	<i>3.28</i>		RELEASE (NORMAL)	<i>2.51</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>Burnt Contact</i>
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>Cracked Glass</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Vincenzo Scarazza
 MAINTAINER (PRINT NAME)

[Signature]
 PI [Redacted]
 SIGNATURE
 [Redacted]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>A2NOTR</i>	C.I.L. <i>69th A House</i>	RACK <i>2</i>	POSITION <i>1F</i>	DATE REPAIRED <i>10/25/91</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B4091177</i>	INDEX or SPEC. <i>99260147 99255114</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>5.48</i>	<i>.011</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.89</i>	<i>.011</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>TAG LOOSE IN RELAT</i>
A4			✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACTS BURNT (SLIGHT)</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Prociola
MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/2/17
DATE
9/2/17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE A25 GR	C.I.L. 69th Ahoose	RACK 2	POSITION A09	DATE REPAIRED 4/14/92	DATE INSTALLED
MODEL or TYPE. PD 1	SERIAL NUMBER B0892174	INDEX or SPEC. 99255666	COIL (OHMS) 800	CONTACT CONFIG. 6PB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.38	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.61	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		Burnt Contact
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Vincent J Scarpazza
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/2/17
DATE
9/2/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A25 OTR</i>	C.I.L. <i>109th A House</i>	RACK <i>2</i>	POSITION <i>14</i>	DATE REPAIRED <i>10/29/91</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>104091181</i>	INDEX or SPEC. <i>9926047</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

35114

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>5.96</i>	<i>.012</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.96</i>	<i>.012</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>3.40</i>	<i>.007</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Prociada
 MAINTAINER (PRINT NAME)
Vincent J Scarazza
 MAINTAINER (PRINT NAME)

PI 
 SIGNATURE
 PI 
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2 AB HR</i>	C.I.L. <i>69th Avenue</i>	RACK <i>2</i>	POSITION <i>2A</i>	DATE REPAIRED <i>9/26/01</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B1193731</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.3</i>		PICK UP (NORMAL)	<i>7.38</i>	<i>.009</i>
WORKING (NORMAL)	<i>7.3</i>		WORKING (NORMAL)	<i>7.38</i>	<i>.009</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2		<input checked="" type="checkbox"/>		<i>Burnt Contacts</i>
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procidia
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

PII [Redacted]
 SIGNATURE
PII [Redacted]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>ZLR</i>	C.I.L. <i>69th House</i>	RACK <i>2</i>	POSITION <i>AE</i>	DATE REPAIRED <i>7/24/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B3092128</i>	INDEX or SPEC. <i>9925586</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.69</i>	<i>1.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.38</i>	<i>1.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>1.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procidia
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED]
 SIGNATURE
[Signature]
 PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>2NFRN</i>	C.I.L. <i>67th A House</i>	RACK <i>2</i>	POSITION <i>2D</i>	DATE REPAIRED <i>6/4/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092185</i>	INDEX or SPEC. <i>9925586</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.79</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.79</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida

 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/2/17

 DATE
9/2/17

 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2FR-N</i>	C.I.L. <i>69th Ahouse</i>	RACK <i>2</i>	POSITION <i>2E</i>	DATE REPAIRED <i>3/4/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B0992156</i>	INDEX or SPEC. <i>99275180</i>	COIL (OHMS) <i>125</i>	CONTACT CONFIG. <i>4FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5</i>		PICK UP (NORMAL)	<i>2.48</i>	<i>.019</i>
WORKING (NORMAL)			WORKING (NORMAL)		
RELEASE (NORMAL)			RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)	<i>5</i>		PICK UP (REVERSE)	<i>2.68</i>	<i>.021</i>
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓	✓	✓	CONTACTS BURNT (SLIGHT).
B3		✓	✓	C.
B4			✓	
B5			✓	
B6		✓		CRACKED GLASS
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Proaida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>25FR-N</i>	C.I.L. <i>129th Avenue</i>	RACK <i>2</i>	POSITION <i>BF</i>	DATE REPAIRED <i>4/15/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B 0892153</i>	INDEX or SPEC. <i>9925586</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.48</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.48</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.72</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>Cracked glass</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procidan
 MAINTAINER (PRINT NAME)
VINCENT O SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PI [Redacted]
 SIGNATURE
[Signature]
 PI [Redacted]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2CA1</i>	C.I.L. <i>69th House</i>	RACK <i>2</i>	POSITION <i>26</i>	DATE REPAIRED <i>6/4/92</i>	DATE INSTALLED <i>6/4/92</i>
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092146</i>	INDEX or SPEC. <i>9925586</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>Cracked Glass</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procede
 MAINTAINER (PRINT NAME)
Vincent J Scabarza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>JCA2</i>	C.I.L. <i>109th Avenue</i>	RACK <i>2</i>	POSITION <i>2H</i>	DATE REPAIRED <i>7/29/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B3092036</i>	INDEX or SPEC. <i>9925586</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>Cracked glass</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Prociada
 MAINTAINER (PRINT NAME)
VINCENT T SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
 PII
[Signature]
 SIGNATURE
 PII

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2N VSR</i>	C.I.L. <i>69th Avenue</i>	RACK <i>2</i>	POSITION <i>3A</i>	DATE REPAIRED <i>4/5/96</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092075</i>	INDEX or SPEC. <i>9925586</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.88</i>		PICK UP (NORMAL)	<i>6.58</i>	<i>.008</i>
WORKING (NORMAL)	<i>8.</i>		WORKING (NORMAL)	<i>6.69</i>	<i>.008</i>
RELEASE (NORMAL)	<i>3.18</i>		RELEASE (NORMAL)	<i>2.93</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>Cracked</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>2SVSR</i>	C.I.L. <i>67th A House</i>	RACK <i>2</i>	POSITION <i>3B</i>	DATE REPAIRED <i>6/20/11</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2992152</i>	INDEX or SPEC. <i>9925586</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.52</i>	<i>.008</i>	PICK UP (NORMAL)	<i>6.58</i>	<i>.008</i>
WORKING (NORMAL)	<i>6.52</i>	<i>.008</i>	WORKING (NORMAL)	<i>6.79</i>	<i>.008</i>
RELEASE (NORMAL)	<i>3.25</i>	<i>.004</i>	RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>Burnt contacts</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procidia
 MAINTAINER (PRINT NAME)
V. W. COSTA S. SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
 PII
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>JTPR</i>	C.I.L. <i>109th A House</i>	RACK <i>2</i>	POSITION <i>3C</i>	DATE REPAIRED <i>6/5/97</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B1392385</i>	INDEX or SPEC. <i>9925186</i>	COIL (OHMS) <i>2005PU</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.98</i>		PICK UP (NORMAL)	<i>8.10</i>	<i>.038</i>
WORKING (NORMAL)	<i>7.98</i>		WORKING (NORMAL)	<i>8.10</i>	<i>.038</i>
RELEASE (NORMAL)	<i>4.54</i>	<i>1.28</i>	RELEASE (NORMAL)	<i>4.36</i>	<i>.020</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2		✓		<i>BURNT CONTACT</i>
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J. SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED]
 SIGNATURE
[Signature]
 PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2NAR	C.I.L. <i>64th A House</i>	RACK 2	POSITION 3D	DATE REPAIRED 6/13/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092195	INDEX or SPEC. 9925586	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.79	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.79	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.93	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓	✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Helly Proeida
 MAINTAINER (PRINT NAME)
VINCENT V SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII [Redacted]
 SIGNATURE
[Signature]
 PII [Redacted]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>2NGR</i>	C.I.L. <i>69th A House</i>	RACK <i>2</i>	POSITION <i>3E</i>	DATE REPAIRED <i>4/15/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B0892154</i>	INDEX or SPEC. <i>992558L</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.79</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>Carbon buildup on contacts</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2T NSR</i>	C.I.L. <i>A 69m</i>	RACK <i>R2</i>	POSITION <i>3F</i>	DATE REPAIRED <i>7/15/1993</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2992091</i>	INDEX or SPEC. <i>992538L</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>GFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>6.79</i>	<i>.008</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>6.79</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>2.7</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Vincent V. Scaparra
 MAINTAINER (PRINT NAME)

PII [Redacted]
 SIGNATURE
PII [Redacted]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2N NBPR</i>	C.I.L. <i>A 69cm</i>	RACK <i>R2</i>	POSITION <i>36</i>	DATE REPAIRED <i>4/16/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD 1</i>	SERIAL NUMBER <i>B0892147</i>	INDEX or SPEC. <i>9925586</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>6.9</i>	<i>.008</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>6.9</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>2.9</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>cracked</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
 PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2N FCR	C.I.L. 69th A	RACK 2	POSITION 36	DATE REPAIRED 4/15/1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B0892170	INDEX or SPEC. 992-558L	COIL (OHMS) 800	CONTACT CONFIG. CFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.5	.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.07	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.1	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Belly Procida
 MAINTAINER (PRINT NAME)
Vincent J Scarozza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2N SBPR</i>	C.I.L. <i>69th A</i>	RACK <i>R2</i>	POSITION <i>4A</i>	DATE REPAIRED <i>4/16/92</i>	DATE INSTALLED
MODEL or TYPE. <i>Pd 1</i>	SERIAL NUMBER <i>B0892173</i>	INDEX or SPEC. <i>992.5586</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>CFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>7.68</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>4.29</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>CARBON</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>CRACKED GLASS</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII
 SIGNATURE
 PII
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>JN6L0PR</i>	C.I.L. <i>69th A house</i>	RACK <i>2</i>	POSITION <i>4B</i>	DATE REPAIRED <i>7/29/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B3092121</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>7.07</i>	<i>.008</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>7.38</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Billy Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED]
 SIGNATURE
[Signature]
 PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>256R</i>	C.I.L. <i>69th A House</i>	RACK <i>2</i>	POSITION <i>4C</i>	DATE REPAIRED <i>6/17/1993</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B2393314</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.48</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>CARBON</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓	⊙		<i>HEAVY CONTACT</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Proci'don
 MAINTAINER (PRINT NAME)
VINCENT O SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>250TR</i>	C.I.L. <i>69th A House</i>	RACK <i>2</i>	POSITION <i>4D</i>	DATE REPAIRED <i>10/21/91</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B4091148</i>	INDEX or SPEC. <i>9926044</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>5.68</i>	<i>.011</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.68</i>	<i>.011</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>3.09</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Billy Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2566OPR	C.I.L. 69th House	RACK 2	POSITION 4E	DATE REPAIRED 4/16/1992	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER B0892146	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.89	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.89	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.92	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		CARBON
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Vincenzo Scarabata
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>701-703TPAR</i>	C.I.L. <i>69th A House</i>	RACK <i>2</i>	POSITION <i>46</i>	DATE REPAIRED <i>9/15/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B0892126</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>LoFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.48</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.38</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>CARBON</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			<i>CRACKED GLASS</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procidis
 MAINTAINER (PRINT NAME)
VINCENT V SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED]
 SIGNATURE
[Signature]
 PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>702-4TPAR</i>	C.I.L. <i>69th Avenue</i>	RACK <i>2</i>	POSITION <i>4H</i>	DATE REPAIRED <i>4/15/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B0892190</i>	INDEX or SPEC. <i>99255086</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.97</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.97</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.2</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>CARBEN (LIGHT)</i>
A4	✓		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/2/17
DATE
9/2/17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>706 TPR</i>	C.I.L. <i>69th A House</i>	RACK <i>2</i>	POSITION <i>5A</i>	DATE REPAIRED <i>9/30/11</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B1193682</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.9</i>	<i>.010</i>	PICK UP (NORMAL)	<i>8.16</i>	<i>.010</i>
WORKING (NORMAL)	<i>7.9</i>	<i>.010</i>	WORKING (NORMAL)	<i>8.16</i>	<i>.010</i>
RELEASE (NORMAL)	<i>3.1</i>	<i>.003</i>	RELEASE (NORMAL)	<i>2.82</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACTS BURN</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Felly Procida
 MAINTAINER (PRINT NAME)
VINCENT V SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2NWCR	C.I.L. 19th A House	RACK 2	POSITION 5B	DATE REPAIRED 4/16/1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B0892181	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.48	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.22	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)

VINCE V SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE

[Signature]
 SIGNATURE

9/2/17
 DATE

9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2 RWCR</i>	C.I.L. <i>19th Avenue</i>	RACK <i>2</i>	POSITION <i>5C</i>	DATE REPAIRED <i>4/15/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B0892155</i>	INDEX or SPEC. <i>99255/686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.69</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.38</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.51</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)

VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE

[Signature]
 SIGNATURE

9/2/17
 DATE

9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>2 RW CPR</i>	C.I.L. <i>69th A House</i>	RACK <i>2</i>	POSITION <i>5D</i>	DATE REPAIRED <i>7/29/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>03092095</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6 FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.72</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Prociada

 MAINTAINER (PRINT NAME)
Vincent Scarano

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/2/17

 DATE
9/2/17

 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>25MR</i>	C.I.L. <i>109th A House</i>	RACK <i>2</i>	POSITION <i>5E</i>	DATE REPAIRED <i>4/14/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B0892130</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6 FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.79</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.79</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.40</i>	<i>.007</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓	✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Jelly Procida
MAINTAINER (PRINT NAME)
VINCENT J SCARAPPA
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/2/17
DATE
9/2/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2WBKR	C.I.L. 65th Avenue	RACK 2	POSITION 5F	DATE REPAIRED 7/29/1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B3092034	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.89	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.52	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓	✓		1 FINGER NOT MARKED
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓	✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>JACA1</i>	C.I.L. <i>69th Abuse</i>	RACK <i>2</i>	POSITION <i>56</i>	DATE REPAIRED <i>7/30/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B3092039</i>	INDEX or SPEC. <i>99255686</i>	COIL(OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1				
A2				
A3				
A4			<input checked="" type="checkbox"/>	
A5				
A6			<input checked="" type="checkbox"/>	
A7				
B1				
B2				
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6				
B7				
B8				
B9				
B10				
B11				

REMARKS:

Kelly Procida

 MAINTAINER (PRINT NAME)
V. Scarazza

 MAINTAINER (PRINT NAME)

PII _____

 SIGNATURE
PII _____

 SIGNATURE

9/2/17

 DATE
9/2/17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>JATPR</i>	C.I.L. <i>69th Avenue</i>	RACK <i>2</i>	POSITION <i>5H</i>	DATE REPAIRED <i>3/31/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 1392395</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>2005PU</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>7.42</i>	<i>.036</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>7.42</i>	<i>.036</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.58</i>	<i>.017</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2ANWR	C.I.L. 69th – "A" House	RACK 2	POSITION 6B	DATE REPAIRED 2/24/09	DATE INSTALLED 3/13/09
MODEL or TYPE. PN-150BM	SERIAL NUMBER U420801490		INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.72	.0172	PICK UP (NORMAL)	6.77	.017
WORKING (NORMAL)	6.72	.0172	WORKING (NORMAL)	6.77	.017
RELEASE (NORMAL)	2.32	.0059	RELEASE (NORMAL)	2.61	.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✗	✓		HEAVY DUTY CONTACT BURNED
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE

PII [REDACTED]
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2ARWR	C.I.L. 69th – "A" House	RACK 2	POSITION 6C	DATE REPAIRED 2/24/09	DATE INSTALLED 3/13/09
MODEL or TYPE. PN-150BM	SERIAL NUMBER U420801487		INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.69</i>	<i>.0168</i>	PICK UP (NORMAL)	<i>7.35</i>	<i>.018</i>
WORKING (NORMAL)	<i>6.69</i>	<i>.0168</i>	WORKING (NORMAL)	<i>7.35</i>	<i>.018</i>
RELEASE (NORMAL)	<i>2.61</i>	<i>.0065</i>	RELEASE (NORMAL)	<i>2.61</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII _____
 SIGNATURE

PII _____
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE J LOPR	C.I.L. 69th Avenue	RACK 2	POSITION 6D	DATE REPAIRED 4/14/1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B0892151	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.48	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.10	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		CARBON (LIGHT)
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓	✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>2NOTR</i>	C.I.L. <i>69th Ahouse</i>	RACK <i>2</i>	POSITION <i>6H</i>	DATE REPAIRED <i>7/19/95</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B4091178</i>	INDEX or SPEC. <i>9925514</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>5.48</i>	<i>.011</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.89</i>	<i>.012</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>glass cracked</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Prochida
MAINTAINER (PRINT NAME)
V. Scarazza
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/2/17
DATE
9/2/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2ASOTR</i>	C.I.L. <i>169th Avenue</i>	RACK <i>2</i>	POSITION <i>7A</i>	DATE REPAIRED <i>7/19/95</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B3294203</i>	INDEX or SPEC. <i>99255114</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>4.97</i>	<i>.010</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.38</i>	<i>.010</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>2.31</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procido
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)

PII 
 SIGNATURE
 PII 
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2NWCPR</i>	C.I.L. <i>69th A House</i>	RACK <i>2</i>	POSITION <i>7B</i>	DATE REPAIRED <i>7/19/95</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2593282</i>	INDEX or SPEC. <i>99255114</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>5.68</i>	<i>.011</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.68</i>	<i>.011</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>2.71</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/12/07
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>A1 NVSPR</i>	C.I.L. <i>69th A House</i>	RACK <i>1</i>	POSITION <i>1A</i>	DATE REPAIRED <i>7/29/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B3092122</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.79</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>8.06</i>	<i>.010</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Rocido

 MAINTAINER (PRINT NAME)
VINCENT J SCARANO

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/2/17

 DATE
9/3/17

 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>A1TPAR</i>	C.I.L. <i>69th Althouse</i>	RACK <i>1</i>	POSITION <i>1B</i>	DATE REPAIRED <i>7/30/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B3092045</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.48</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.68</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.81</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		<i>LIGHT CARBON</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida

 MAINTAINER (PRINT NAME)
Vincenzo Scarozza

 MAINTAINER (PRINT NAME)

[Signature]

 PI SIGNATURE
[Signature]

 PI SIGNATURE

9/2/17

 DATE
9/2/17

 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>AITNSPR</i>	C.I.L. <i>69th Avenue</i>	RACK <i>1</i>	POSITION <i>1C</i>	DATE REPAIRED <i>4/14/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B0892162</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.96</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.96</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓	✓		<i>GLASS BROKEN</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT G SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED] SIGNATURE
[Signature]
 PII [REDACTED] SIGNATURE

9/12/17
 DATE
9/12/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A1T5SR</i>	C.I.L. <i>69th House</i>	RACK <i>1</i>	POSITION <i>1D</i>	DATE REPAIRED <i>4/15/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B0892161</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.38</i>	<i>.007</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.69</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.82</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1				
A2				
A3				
A4			<input checked="" type="checkbox"/>	
A5				
A6			<input checked="" type="checkbox"/>	
A7				
B1				
B2				
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6				
B7				
B8				
B9				
B10				
B11				

REMARKS:

Kelly Proaida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED] SIGNATURE
[Signature]
 PII [REDACTED] SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 1 LOPR	C.I.L. 69th Avenue	RACK 1	POSITION 1E	DATE REPAIRED 7/27/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B3092047	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.27	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		CARBON (LIGHT)
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Proccida
 MAINTAINER (PRINT NAME)
Vincenzo Scarazza
 MAINTAINER (PRINT NAME)

PII _____
 SIGNATURE
PII _____
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 1 ABHR	C.I.L. 69th House	RACK 1	POSITION 1 F	DATE REPAIRED 7/28/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 3092053	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.96	.010
WORKING (NORMAL)	8		WORKING (NORMAL)	7.96	.010
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.20	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Vincent Scarazza
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/2/17
DATE
9/2/17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 1LR	C.I.L. 69th A House	RACK 1	POSITION 1H	DATE REPAIRED 6/4/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092145	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.90	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.90	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.82	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
MAINTAINER (PRINT NAME)

PII [Redacted]
SIGNATURE
PII [Redacted]
SIGNATURE

9/2/17
DATE
9/2/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE INFR-N	C.I.L. 69TH "A"	RACK 1	POSITION 2A	DATE REPAIRED 7/27/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B3092079	INDEX or SPEC. 9925586	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.00	—	PICK UP (NORMAL)	7.48	.009
WORKING (NORMAL)	8.00	—	WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.40	—	RELEASE (NORMAL)	2.62	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>Glass Cracked</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procidia
 MAINTAINER (PRINT NAME)
Vincent J Scarazza
 MAINTAINER (PRINT NAME)

PII
 SIGNATURE
PII
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>1 FR-N</i>	C.I.L. <i>69th "A"</i>	RACK <i>1</i>	POSITION <i>2B</i>	DATE REPAIRED <i>3/2/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PO1 MASSIVE</i>	SERIAL NUMBER <i>B0992163</i>	INDEX or SPEC. <i>99275180</i>	COIL (OHMS) <i>125 MAG STICK</i>	CONTACT CONFIG.	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5</i>		PICK UP (NORMAL)	<i>4.13</i>	<i>.033</i>
WORKING (NORMAL)			WORKING (NORMAL)		
RELEASE (NORMAL)			RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)	<i>5</i>		PICK UP (REVERSE)	<i>3.45</i>	<i>.028</i>
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>GLASS CRACKED</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Vincent J Scanzarra
 MAINTAINER (PRINT NAME)

PII _____
 SIGNATURE
PII _____
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 1 SFR-N	C.I.L. 69TH "A"	RACK 1	POSITION 2C	DATE REPAIRED 6/4/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092188	INDEX or SPEC. 9925586	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.00	—	PICK UP (NORMAL)	7.27	.008
WORKING (NORMAL)	8.00	—	WORKING (NORMAL)	7.27	.008
RELEASE (NORMAL)	2.40	—	RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		Cracked Glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Vincent J. SCARAZZA
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 1CA1	C.I.L.	RACK 1	POSITION 2D	DATE REPAIRED 4/10/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B0892138		INDEX or SPEC. 9925586	COIL (OHMS) 800	CONTACT CONFIG. 6FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.00		PICK UP (NORMAL)	6.48	.008
WORKING (NORMAL)	8.00		WORKING (NORMAL)	7.17	.009
RELEASE (NORMAL)	2.40		RELEASE (NORMAL)	2.93	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		Glass cracked
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Vincent Scarazza
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>ICA 2</i>	C.I.L. <i>69th Avenue</i>	RACK <i>1</i>	POSITION <i>2E</i>	DATE REPAIRED <i>7/27/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B3092101</i>	INDEX or SPEC. <i>89255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.79</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.79</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.00</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1				
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE IN VSR	C.I.L. 69th A House	RACK 1	POSITION 2F	DATE REPAIRED 2/20/07	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092157	INDEX or SPEC. 99255684	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	5.78		PICK UP (NORMAL)	6.07	.007
WORKING (NORMAL)			WORKING (NORMAL)	6.07	.007
RELEASE (NORMAL)	2.71		RELEASE (NORMAL)	2.52	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓	✓		Fingers Not square
B2		✓		Burnt Contact
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Proccida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 15VSR	C.I.L. 69th Avenue	RACK 1	POSITION 26	DATE REPAIRED 7/30/1997	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B3092038	INDEX or SPEC. 9A25568C	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2		✓		CONTACTS BURNED
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J. SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>ITPR</i>	C.I.L. <i>69th A House</i>	RACK <i>1</i>	POSITION <i>2H</i>	DATE REPAIRED <i>10/31/94</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2592342</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>200SPU</i>	CONTACT CONFIG. <i>COFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>7.83</i>	<i>.037</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>7.83</i>	<i>.037</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>4.46</i>	<i>.021</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Vincent J. SCARAZZA
 MAINTAINER (PRINT NAME)

PII [Redacted Signature]
 SIGNATURE
 PII [Redacted Signature]
 SIGNATURE

9/12/17
 DATE
9/12/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE INGR	C.I.L. 69th A House	RACK 1	POSITION 3A	DATE REPAIRED 3/25/08	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B1193566	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.7	.0096	PICK UP (NORMAL)	7.58	.009
WORKING (NORMAL)	7.8	.0097	WORKING (NORMAL)	7.79	.009
RELEASE (NORMAL)	3.9	.0048	RELEASE (NORMAL)	3.71	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		BURNT CONTACT
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Vincent J SCARAPPA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE ITNSR	C.I.L. 69th House	RACK 1	POSITION 3B	DATE REPAIRED 7/28/1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B3092049	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.20	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Vincent J Scanzarra
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>IN NBPR</i>	C.I.L. <i>69th A House</i>	RACK <i>1</i>	POSITION <i>3C</i>	DATE REPAIRED <i>7/30/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B 3092044</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>8.06</i>	<i>.010</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>8.06</i>	<i>.010</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.72</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>CARBON (LIGHT)</i>
A4	✓		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Proaida
MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/2/17
DATE
9/2/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>INFCR</i>	C.I.L. <i>69th Avenue</i>	RACK <i>1</i>	POSITION <i>3D</i>	DATE REPAIRED <i>7/15/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B 0892172</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.97</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.38</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.71</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>INSBPR</i>	C.I.L. <i>6th House</i>	RACK <i>1</i>	POSITION <i>3E</i>	DATE REPAIRED <i>7/29/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B3092041</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>Lo FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.48</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.40</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>GLASS CRACKED</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J. SCARAZZA
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
 PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>1NOTR</i>	C.I.L. <i>129th Avenue</i>	RACK <i>1</i>	POSITION <i>3F</i>	DATE REPAIRED <i>10/18/91</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B4091144</i>	INDEX or SPEC. <i>99255114</i>	COIL (OHMS) <i>300</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>5.68</i>	<i>0.01</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.89</i>	<i>.011</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>3.09</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>CONTACT SLIGHT CARBON</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procidia
 MAINTAINER (PRINT NAME)
VINCENT SCARATTA
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>1NG10RR</i>	C.I.L. <i>69th # House</i>	RACK <i>1</i>	POSITION <i>36</i>	DATE REPAIRED <i>7/29/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B3092123</i>	INDEX or SPEC. <i>66255last</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.96</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.96</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
MAINTAINER (PRINT NAME)

[Signature]
PII
SIGNATURE
[Signature]
PII
SIGNATURE

9/2/17
DATE
9/2/17
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>LSGR</i>	C.I.L. <i>69th A House</i>	RACK <i>1</i>	POSITION <i>314</i>	DATE REPAIRED <i>7/29/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>133092033</i>		INDEX or SPEC. <i>992556810</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.58</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>9.06</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.71</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✗	✓		<i>BURST CONTACT (SLIGHT)</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PI [Redacted] SIGNATURE
[Signature]
 PI [Redacted] SIGNATURE

9/2/17
 DATE
7/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>15610 PR</i>	C.I.L. <i>69th Avenue</i>	RACK <i>1</i>	POSITION <i>4A</i>	DATE REPAIRED <i>7/29/92</i>	DATE INSTALLED
MODEL or TYPE <i>PDI</i>	SERIAL NUMBER <i>B3092091</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.68</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.68</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.51</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Vincenzo Scarabba
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE IARWR	C.I.L. 69th – "A" House	RACK 1	POSITION 4E	DATE REPAIRED 2/24/09	DATE INSTALLED 3/11/09
MODEL or TYPE. PN-150BM	SERIAL NUMBER U 340 800806		INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B


SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	5.90	.0151	PICK UP (NORMAL)	6.67	.016
WORKING (NORMAL)	5.90	.0151	WORKING (NORMAL)	6.67	.016
RELEASE (NORMAL)	2.30	.0058	RELEASE (NORMAL)	2.40	.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		


VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		Low voltage contacts burned
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)


 SIGNATURE


 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE IBRWR	C.I.L. 69th – "A" House	RACK 1	POSITION 4H	DATE REPAIRED 2/24/09	DATE INSTALLED 3/11/09
MODEL or TYPE. PN-150BM	SERIAL NUMBER U 4/208 01486		INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	5.74	.0142	PICK UP (NORMAL)	5.88	.014
WORKING (NORMAL)	5.74	.0142	WORKING (NORMAL)	5.88	.014
RELEASE (NORMAL)	2.53	.0062	RELEASE (NORMAL)	2.51	.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		HEAVY DUTY CONTACTS BURKED
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted Signature] [Redacted Signature]
 SIGNATURE
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE IBNWR	C.I.L. 69th – "A" House	RACK 1	POSITION 5A	DATE REPAIRED 2/24/09	DATE INSTALLED 3/11/09
MODEL or TYPE. PN-150BM	SERIAL NUMBER U42080119.2	INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.26	.0157	PICK UP (NORMAL)	6.26	.015
WORKING (NORMAL)	6.26	.0157	WORKING (NORMAL)	6.26	.015
RELEASE (NORMAL)	2.68	.0068	RELEASE (NORMAL)	2.71	.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII _____
 SIGNATURE

PII _____
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>1NWCR</i>	C.I.L. <i>109th Avenue</i>	RACK <i>1</i>	POSITION <i>5B</i>	DATE REPAIRED <i>7/30/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B 319 2294</i>	INDEX or SPEC. <i>992551686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.90</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.90</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.82</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

PII
 SIGNATURE
PII
 SIGNATURE

9/2/17
 DATE
5/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>INWCPR</i>	C.I.L. <i>69th A House</i>	RACK <i>1</i>	POSITION <i>5C</i>	DATE REPAIRED <i>7/29/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B3092043</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.68</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.68</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>2.82</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
VINCENT O SCARAZZA
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/2/17
DATE
9/2/17
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>1 RWCR</i>	C.I.L. <i>69th A House</i>	RACK <i>1</i>	POSITION <i>5D</i>	DATE REPAIRED <i>7/28/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B 309 2048</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.68</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.68</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.92</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>1 RWCPR</i>	C.I.L. <i>69th A House</i>	RACK <i>1</i>	POSITION <i>5E</i>	DATE REPAIRED <i>4/10/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B0892137</i>	INDEX or SPEC. <i>992551686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.90</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.27</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
 PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>15MP</i>	C.I.L. <i>69th Avenue</i>	RACK <i>1</i>	POSITION <i>5F</i>	DATE REPAIRED <i>7/30/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B3192293</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.97</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED]
 SIGNATURE
[Signature]
 PII [REDACTED]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>1WBKR</i>	C.I.L. <i>69th A House</i>	RACK <i>1</i>	POSITION <i>56</i>	DATE REPAIRED <i>7/22/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B3092145</i>	INDEX or SPEC. <i>99255286</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.48</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.51</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procih

 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA

 MAINTAINER (PRINT NAME)

[Signature]

 PI

 SIGNATURE

9/2/17

 DATE
9/2/17

 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>456PR</i>	C.I.L. <i>109th A House</i>	RACK <i>1</i>	POSITION <i>6A</i>	DATE REPAIRED <i>7/29/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B3092118</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.48</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.92</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACTS BURNT (LIGHT)</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procid
 MAINTAINER (PRINT NAME)
VINCENT J SCARAZZA
 MAINTAINER (PRINT NAME)

[Signature]
 PII
 SIGNATURE
 PII
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>45 AR</i>	C.I.L. <i>69th Avenue</i>	RACK <i>1</i>	POSITION <i>LB</i>	DATE REPAIRED <i>7/23/92</i>	DATE INSTALLED
MODEL or TYPE <i>PD1</i>	SERIAL NUMBER <i>B3092058</i>	INDEX or SPEC. <i>89255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACT BURN T.</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Felly Procida

 MAINTAINER (PRINT NAME)
VINCENT SCARAZZA

 MAINTAINER (PRINT NAME)

[Signature]

 PII
 SIGNATURE

 PII
 SIGNATURE

9/2/17

 DATE
9/2/17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>705 TPR</i>	C.I.L. <i>69th A House</i>	RACK <i>1</i>	POSITION <i>6D</i>	DATE REPAIRED <i>3/12/13</i>	DATE INSTALLED <i>9/12/13 12/30/2013</i>
MODEL or TYPE. <i>PD 1</i>	SERIAL NUMBER <i>B1193544</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.92</i>	<i>.009</i>	PICK UP (NORMAL)	<i>6.96</i>	<i>.008</i>
WORKING (NORMAL)	<i>7.2</i>	<i>.009</i>	WORKING (NORMAL)	<i>7.27</i>	<i>.009</i>
RELEASE (NORMAL)	<i>3.2</i>	<i>.004</i>	RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACTS BURNT (LIGHT)</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procede
 MAINTAINER (PRINT NAME)
Vincent J. SCARAZZA
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/2/17
 DATE
9/2/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>705 CA1</i>	C.I.L. <i>69th Avenue</i>	RACK <i>1</i>	POSITION <i>6E</i>	DATE REPAIRED <i>1/7/99</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2693074</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.3</i>		PICK UP (NORMAL)	<i>6.69</i>	<i>.008</i>
WORKING (NORMAL)	<i>6.3</i>		WORKING (NORMAL)	<i>6.69</i>	<i>.008</i>
RELEASE (NORMAL)	<i>3.2</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACT BURNT (SLIGHT)</i>
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Vincenzo Scarabaccia
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/2/17
DATE
9/2/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE ICTPR	C.I.L. West Overbrook	RACK 4	POSITION 1A	DATE REPAIRED 4-11-01	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER Ba591353	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8-12	.023	PICK UP (NORMAL)	2.68	.020
WORKING (NORMAL)	8-12	.025	WORKING (NORMAL)	3.36	.025
RELEASE (NORMAL)		.008	RELEASE (NORMAL)	1.98	.014
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1				
A2				
A3				
A4			✓	
A5				
A6				
A7				
B1		✓		3F does not face up squarely
B2				
B3				
B4			✓	
B5			✓	
B6				
B7		✓		2F gap opening too small (make before all other frames)
B8				
B9				
B10				
B11				

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE

[Redacted Signature]
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

126

RELAY NOMENCLATURE 1TR	C.I.L. West Overbrook	RACK 4	POSITION 1C	DATE REPAIRED 02/12/92	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0492326	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.83	.36
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.2	.54
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.58	.25
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	116.5	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

~~_____~~
 SIGNATURE
 PII ~~_____~~
 SIGNATURE

9/20/17
 DATE
 9/20/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 605CTPR	C.I.L. West Overbrook	RACK 4	POSITION 1E	DATE REPAIRED 12/17/01	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B3691092	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8-12	.025	PICK UP (NORMAL)	2.69	.019
WORKING (NORMAL)	8-12	.025	WORKING (NORMAL)	3.66	.027
RELEASE (NORMAL)		.008	RELEASE (NORMAL)	1.61	.011
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3		✓		LOOSE CONTACT
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted] SIGNATURE
 PII [Redacted] SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

#128

RELAY NOMENCLATURE 605TR	C.I.L. West Overbrook	RACK 4	POSITION 2A	DATE REPAIRED 02/25/93	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0492319	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.84	.38
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.0	.49
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.54	.24
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	116.5	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

PI [Redacted] SIGNATURE
 PI [Redacted] SIGNATURE

9/20/17
 DATE
 9/20/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 607CTPR	C.I.L. West Overbrook	RACK 4	POSITION 2C	DATE REPAIRED 10-20-11	DATE INSTALLED 7-10-13
MODEL or TYPE. PC-250B	SERIAL NUMBER B3191336	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	2.57	.020	PICK UP (NORMAL)	2.79	.020
WORKING (NORMAL)	8-12		WORKING (NORMAL)	2.79	.020
RELEASE (NORMAL)	1.24	.010	RELEASE (NORMAL)	1.21	.008
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		Carbon on Bottom Cover
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)


 SIGNATURE


 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

#130

RELAY NOMENCLATURE 607TR	C.I.L. West Overbrook	RACK 4	POSITION 2E	DATE REPAIRED 02/26/92	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0492313	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.79	.34
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.0	.47
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.60	.27
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	116.	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

SIGNATURE

 SIGNATURE

9/21/17
 DATE
 9/21/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 701CTPR	C.I.L. West Overbrook	RACK 4	POSITION 3A	DATE REPAIRED 2-27-02	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B3191356		INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB


SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.018	PICK UP (NORMAL)	2.28	.017
WORKING (NORMAL)	8-12		WORKING (NORMAL)	2.58	.019
RELEASE (NORMAL)		.009	RELEASE (NORMAL)	1.10	.008
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		


VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2		✓		1B CONTACT BURNED
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

P11 
 SIGNATURE

P11 
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

#132

RELAY NOMENCLATURE 701TR	C.I.L. West Overbrook	RACK 4	POSITION 3C	DATE REPAIRED 02/28/92	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0492325	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.82	.36
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.0	.48
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.68	.30
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	116	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

NOTE: contact PC & 10c front carbon

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

~~T. McCall~~
 SIGNATURE
~~E. Vanderzee~~
 SIGNATURE

9/21/17
 DATE
 9/21/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

134

RELAY NOMENCLATURE 703TR	C.I.L. West Overbrook	RACK 4	POSITION 4A	DATE REPAIRED 02/27/92	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0492307		INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.82	.36
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.0	.47
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.58	.26
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	116	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS: *NOTE: Contact 9B & 10B contacts*

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/21/12
 DATE
 9/21/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 705CTPR	C.I.L. West Overbrook	RACK 4	POSITION 4C	DATE REPAIRED 1-29-09	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B1891229	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.020	PICK UP (NORMAL)	2.88	.021
WORKING (NORMAL)	8-12		WORKING (NORMAL)	3.56	.026
RELEASE (NORMAL)		.014	RELEASE (NORMAL)	1.91	.013
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		CARBON ON BOTTOM COVER
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2		✓		1B CONTACT BURNED
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted] SIGNATURE
 PII [Redacted] SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

#136

RELAY NOMENCLATURE 2TR	C.I.L. West Overbrook	RACK 4	POSITION 4E	DATE REPAIRED 02/12/92	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0492317	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.76	.34
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.0	.46
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.58	.26
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	116	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

SIGNATURE

 SIGNATURE

9/21/17
 DATE
 9/21/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2CTPR	C.I.L. West Overbrook	RACK 4	POSITION 5A	DATE REPAIRED 8-5-01	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B2591305	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	


SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.021	PICK UP (NORMAL)	2.28	.016
WORKING (NORMAL)	8-12		WORKING (NORMAL)	3.05	.021
RELEASE (NORMAL)		.007	RELEASE (NORMAL)	1.50	.010
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

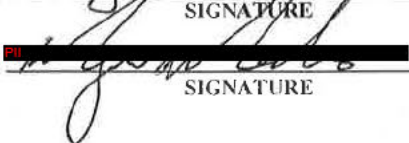
VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		Carbon on cover
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2		✓		IP CONTACTS BURND
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PI 
 SIGNATURE

PI 
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

#138

RELAY NOMENCLATURE 606TR	C.I.L. West Overbrook	RACK 4	POSITION 5C	DATE REPAIRED 06/25/91	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B2591102		INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.74	.34
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.1	.51
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.57	.27
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	116.	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

 SIGNATURE

 SIGNATURE

9/21/17
 DATE
 9/21/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 606CTPR	C.I.L. West Overbrook	RACK 4	POSITION 5E	DATE REPAIRED 7-31-02	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B3191307		INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.006	PICK UP (NORMAL)	2.18	.015
WORKING (NORMAL)	8-12	.016	WORKING (NORMAL)	3.15	.023
RELEASE (NORMAL)			RELEASE (NORMAL)	1.30	.009
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		Carbon on Bottom cover
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE

[Signature]
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

#140

RELAY NOMENCLATURE 608TR	C.I.L. West Overbrook	RACK 4	POSITION 6A	DATE REPAIRED 12/12/92	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0492322	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.76	.33
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.0	.48
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.61	.27
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	116	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

SIGNATURE

 SIGNATURE

9-21/17
 DATE
 9/21/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 608CTPR	C.I.L. West Overbrook	RACK 4	POSITION 6C	DATE REPAIRED 3-5-02	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B2591340	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.019	PICK UP (NORMAL)	2.68	.020
WORKING (NORMAL)	8-12	.023	WORKING (NORMAL)	3.35	.025
RELEASE (NORMAL)		.008	RELEASE (NORMAL)	1.71	.012
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

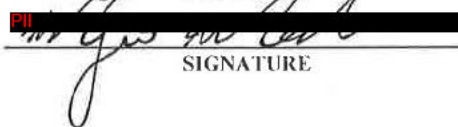
VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✗	✓		CARBON ON COVER
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)


 SIGNATURE


 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

#142

RELAY NOMENCLATURE 702TR	C.I.L. West Overbrook	RACK 4	POSITION 6E	DATE REPAIRED 02/23/92	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0492303	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.85	.38
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	.99	.45
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.53	.24
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	116.	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

 SIGNATURE

 SIGNATURE

9/21/17
 DATE
 9/21/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
 SUBURBAN TRANSIT DIVISION - C&S 2 TEST # 4 - RELAYS

#143

RELAY NOMENCLATURE <i>2 VCOE</i>	C.I.L. <i>West overbrook</i>	RACK <i>MIR 2</i>	POSITION <i>1D</i>	DATE REPAIRED <i>5/20/91 CS</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150</i>	SERIAL NUMBER <i>B 2091236</i>	INDEX or SPEC. <i>0501</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5.3</i>	<i>.013</i>	PICK UP (NORMAL)	<i>4.8</i>	<i>.012</i>
WORKING (NORMAL)	<i>5.3</i>	<i>.013</i>	WORKING (NORMAL)	<i>4.8</i>	<i>.012</i>
RELEASE (NORMAL)	<i>1.9</i>	<i>.004</i>	RELEASE (NORMAL)	<i>1.7</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T McCall
 MAINTAINER (PRINT NAME)
Edgar Vandersee
 MAINTAINER (PRINT NAME)

PI _____
 SIGNATURE
PI _____
 SIGNATURE

8/19/15
 DATE
8/19/2015
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY #144
SUBURBAN TRANSIT DIVISION - C&S 2 TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>1 VCR</i>	C.I.L. <i>Went over brook</i>	RACK <i>MIKI</i>	POSITION <i>1 D</i>	DATE REPAIRED <i>12/10/91 TF</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150</i>	SERIAL NUMBER <i>B 479102</i>		INDEX or SPEC. <i>0501</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5.3</i>	<i>.013</i>	PICK UP (NORMAL)	<i>4.9</i>	<i>.012</i>
WORKING (NORMAL)	<i>5.3</i>	<i>.013</i>	WORKING (NORMAL)	<i>4.9</i>	<i>.012</i>
RELEASE (NORMAL)	<i>1.9</i>	<i>.004</i>	RELEASE (NORMAL)	<i>2.0</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5				
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T McCall
 MAINTAINER (PRINT NAME)
Edgar Vanderzee
 MAINTAINER (PRINT NAME)

PI [Redacted]
 SIGNATURE
 [Redacted]
 SIGNATURE

8/19/15
 DATE
8/19/2015
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>12 NWCR</i>	C.I.L. <i>Westoverbrook</i>	RACK <i>3</i>	POSITION <i>4A</i>	DATE REPAIRED <i>6/5/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092 183</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.I.A.) + 10%</i> <i>LEAD SEAL BROKEN</i> <i>CONTACT CARBON (LIGHT)</i>
A2		<input checked="" type="checkbox"/>		
A3		<input checked="" type="checkbox"/>		
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>12 RWC R</i>	C.I.L. <i>Waverbrook</i>	RACK <i>3</i>	POSITION <i>4/B</i>	DATE REPAIRED <i>6/5/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>32092190</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.38</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.51</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		✓		<i>OUT OF SPEC (D.A.) +10%</i>
A2	✓			
A3	✗	✓		<i>CONTACT CARBON (LIGHT)</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>125MR</i>	C.I.L. <i>W Over Brook</i>	RACK <i>3</i>	POSITION <i>4C</i>	DATE REPAIRED <i>6/5/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092200</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.58</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.71</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1		<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) +10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>GLASS CRACKED</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scacazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

West Overbrook

RELAY NOMENCLATURE 12ANWR	C.I.L. 69th - "A" House	RACK 3	POSITION 4D	DATE REPAIRED 1-4-12	DATE INSTALLED 8-1-12
MODEL or TYPE. PN-150BM	SERIAL NUMBER 1100036	INDEX or SPEC. 322524-002		COIL (OHMS) 400	CONTACT CONFIG. 2F2B

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.83	.016	PICK UP (NORMAL)	7.15	.017
WORKING (NORMAL)	6.83	.016	WORKING (NORMAL)	7.15	.017
RELEASE (NORMAL)	2.51	.006	RELEASE (NORMAL)	2.41	.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted Signature]
 SIGNATURE

PII [Redacted Signature]
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>12 AOK</i>	C.I.L. <i>West end track</i>	RACK <i>3</i>	POSITION <i>45-E</i>	DATE REPAIRED <i>8/12/97</i>	DATE INSTALLED <i>RDG</i>
MODEL or TYPE. <i>PB 1</i>	SERIAL NUMBER <i>B3192040</i>	INDEX or SPEC. <i>C-F</i>	COIL (OHMS) <i>25/200</i>	CONTACT CONFIG. <i>14-15, 14FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		<i>12 Amps</i>	PICK UP (NORMAL)		
WORKING (NORMAL)			WORKING (NORMAL)		
RELEASE (NORMAL)			RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			↓
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5	✓			
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11			✓	

REMARKS: *12 amps @ 9.53 seconds.*

Edgar Vaclavicek

 MAINTAINER (PRINT NAME)
T McCall

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

2/7/2017

 DATE
2/7/17

 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

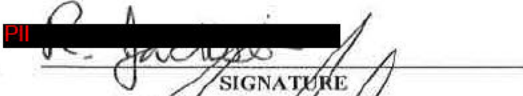
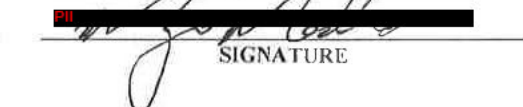
West Overbrook

RELAY NOMENCLATURE 12ARWR	C.I.L. 69th "A" House	RACK 3	POSITION 4F	DATE REPAIRED 10-16-09	DATE INSTALLED 8-1-12
MODEL or TYPE. PN-150BM	SERIAL NUMBER U220900675	INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.36	.017	PICK UP (NORMAL)	7.05	.017
WORKING (NORMAL)	6.36	.017	WORKING (NORMAL)	7.05	.017
RELEASE (NORMAL)	2.49	.008	RELEASE (NORMAL)	2.31	.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson MAINTAINER (PRINT NAME)	 SIGNATURE	9/16/17 DATE
M. Medina MAINTAINER (PRINT NAME)	 SIGNATURE	9/16/17 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

West Overbrook

RELAY NOMENCLATURE 12BNWR	C.I.L. <i>69th → "A" House</i>	RACK 3	POSITION 4G	DATE REPAIRED 10-20-11	DATE INSTALLED 5-12-13
MODEL or TYPE. PN-150BM	SERIAL NUMBER 1100017	INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B	

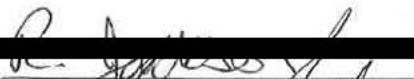
SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.0	.017	PICK UP (NORMAL)	6.46	.015
WORKING (NORMAL)	7.0	.017	WORKING (NORMAL)	6.46	.015
RELEASE (NORMAL)	2.16	.005	RELEASE (NORMAL)	2.51	.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

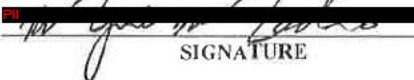
VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
MAINTAINER (PRINT NAME)

M. Medina
MAINTAINER (PRINT NAME)

PII 
SIGNATURE

PII 
SIGNATURE

9/16/17
DATE

9/16/17
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>12B0K</i>	C.I.L. <i>West overbrack</i>	RACK <i>3</i>	POSITION <i>4-H</i>	DATE REPAIRED <i>8/14/97 RDG</i>	DATE INSTALLED
MODEL or TYPE. <i>PD 1</i>	SERIAL NUMBER <i>B3192039</i>	INDEX or SPEC. <i>C-F</i>	COIL (OHMS) <i>25/206</i>	CONTACT CONFIG. <i>1A, 1B, 14FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		<i>12 AMPS</i>	PICK UP (NORMAL)		
WORKING (NORMAL)			WORKING (NORMAL)		
RELEASE (NORMAL)			RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11			✓	

REMARKS: *12 amp @ 9.89 seconds*

Edgar Undersee
 MAINTAINER (PRINT NAME)
T McCall
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

2/7/2017
 DATE
2/7/07
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

West Overbrook

RELAY NOMENCLATURE 12BRWR	C.I.L. 69th "A" House	RACK 3	POSITION 5A	DATE REPAIRED 10-24-11	DATE INSTALLED 5-12-13
MODEL or TYPE. PN-150BM	SERIAL NUMBER 1100021	INDEX or SPEC. 322524-002		COIL (OHMS) 400	CONTACT CONFIG. 2F2B

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.0	.017	PICK UP (NORMAL)	5.95	.013
WORKING (NORMAL)	7.0	.017	WORKING (NORMAL)	5.95	.013
RELEASE (NORMAL)	2.16	.005	RELEASE (NORMAL)	2.61	.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
MAINTAINER (PRINT NAME)

M. Medina
MAINTAINER (PRINT NAME)


SIGNATURE


SIGNATURE

9/16/17
DATE

9/16/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>12-21 LR</i>	C.I.L. <i>Waver Brook</i>	RACK <i>3</i>	POSITION <i>5B</i>	DATE REPAIRED <i>6/1/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PA1</i>	SERIAL NUMBER <i>B29092218</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.37</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		✓		<i>OUT OF SPEC (P.A.) +10%</i>
A2	✓			
A3		✓		<i>CONTACT CARBON (LIGHT)</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scaramuzza
 MAINTAINER (PRINT NAME)
K. Proccida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>12-21 LPR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>3</i>	POSITION <i>5C</i>	DATE REPAIRED <i>5/27/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092089</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.58</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		<i>OUT of SPEC (D.A.) + 10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>GLASS CRACKED</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarozza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>21 NWCR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>3</i>	POSITION <i>5D</i>	DATE REPAIRED <i>6/8/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 29092153</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.38</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>2.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		<i>out of spec. (D.A.) +10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>GLASS CRACKED</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

K. Procida
 MAINTAINER (PRINT NAME)
V. Scarazza
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>J/RWCR</i>	C.I.L. <i>Wover Brook</i>	RACK <i>3</i>	POSITION <i>5 E</i>	DATE REPAIRED <i>6/5/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PO1</i>	SERIAL NUMBER <i>B20922192</i>	INDEX or SPEC. <i>99A5568L</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.40</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓	✓		<i>OUT of SPEC. (D.A.) +10%</i>
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procada
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>215MR</i>	C.I.L. <i>Waver Brook</i>	RACK <i>3</i>	POSITION <i>5F</i>	DATE REPAIRED <i>6/4/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092194</i>	INDEX or SPEC. <i>9925568d</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.40</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) < 10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>21 AOK</i>	C.I.L. <i>West over bridge</i>	RACK <i>3</i>	POSITION <i>5-14</i>	DATE REPAIRED <i>6/4/92ST</i>	DATE INSTALLED
MODEL or TYPE. <i>PD 1</i>	SERIAL NUMBER <i>B1792294</i>	INDEX or SPEC. <i>C-F</i>	COIL (OHMS) <i>25/200</i>	CONTACT CONFIG. <i>1A, 1B, 1HFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		<i>12 AMPS</i>	PICK UP (NORMAL)		
WORKING (NORMAL)			WORKING (NORMAL)		
RELEASE (NORMAL)			RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			↓
A2	✓			
A3	✓			
A4			✓	
A5	✓		✓	
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11			✓	

REMARKS: *12 amps @ 8.93 seconds*

Edgar Vanderpoe
MAINTAINER (PRINT NAME)
T McCall
MAINTAINER (PRINT NAME)

PII [REDACTED]
SIGNATURE
PII [REDACTED]
SIGNATURE

2/7/2017
DATE
2/2/17
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

West Overbrook

10-23-09

RELAY NOMENCLATURE 21BNWR	C.I.L. 69th - "A" House	RACK 3	POSITION 6B	DATE REPAIRED 6-8-09	DATE INSTALLED 3-6-14
MODEL or TYPE. PN-150BM	SERIAL NUMBER U220900678	INDEX or SPEC. 322524-002	COIL (OHMS) 400	CONTACT CONFIG. 2F2B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.0	.017	PICK UP (NORMAL)	7.25	.017
WORKING (NORMAL)	7.0	.017	WORKING (NORMAL)	7.25	.017
RELEASE (NORMAL)	2.16	.005	RELEASE (NORMAL)	2.99	1007
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE

[Signature]
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>21B OR</i>	C.I.L. <i>West Overbrook</i>	RACK <i>3</i>	POSITION <i>6-C</i>	DATE REPAIRED <i>5/25/92 ST</i>	DATE INSTALLED
MODEL or TYPE. <i>PD 1</i>	SERIAL NUMBER <i>B1692208</i>	INDEX or SPEC. <i>C-F</i>	COIL (OHMS) <i>25/200</i>	CONTACT CONFIG. <i>14, 1B, 11, 12, 13</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		<i>12 Amps</i>	PICK UP (NORMAL)		
WORKING (NORMAL)			WORKING (NORMAL)		
RELEASE (NORMAL)			RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			↓
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11			✓	

REMARKS: *12 amps @ 9.85 ⁽²⁰⁾ Start seconds.*

Edgar Vandusen
MAINTAINER (PRINT NAME)
T McCall
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

2/7/2017
DATE
2/7/17
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>69156PR</i>	C.I.L. <i>Wauers Brook</i>	RACK <i>3</i>	POSITION <i>6E</i>	DATE REPAIRED <i>6/5/99</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092191</i>	INDEX or SPEC. <i>99255086</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>COFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.38</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) + 10%</i>
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>CONTACTS CARBON (LIGHT)</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 706TPAR	C.I.L. Waver Brook	RACK 3	POSITION 6F	DATE REPAIRED 5/27/92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092081	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.27	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.99	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		OUT OF SPEC (D.A.) +10%
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		GLASS CRACKED
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proccida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 706 VR	C.I.L. Woverbrook	RACK 3	POSITION 66	DATE REPAIRED 5/28/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092087	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. COFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.68	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.68	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		✓		OUT OF SPEC (D.A.) + 10%
A2	✓			
A3		✓		CONTACTS CARBON (LIGHT)
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procidia
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>69-256pp</i>	C.I.L. <i>Wover Brook</i>	RACK <i>3</i>	POSITION <i>6H</i>	DATE REPAIRED <i>5/29/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092156</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>Co.F.B</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.40</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) + 10%</i>
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		
A4			<input checked="" type="checkbox"/>	<i>CONTACTS CARBON</i>
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>GLASS CRACKED</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2ABHR	C.I.L. Woverbrook	RACK 2	POSITION 1A	DATE REPAIRED 5/26/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092063	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.38	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.38	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.10	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scaratta
 MAINTAINER (PRINT NAME)
K. Prociak
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2L6R</i>	C.I.L. <i>West over brook</i>	RACK <i>2</i>	POSITION <i>1-B</i>	DATE REPAIRED <i>9/18/92 GD</i>	DATE INSTALLED
MODEL or TYPE. <i>PD 1</i>	SERIAL NUMBER <i>B 389 2295</i>		INDEX or SPEC. <i>F-H</i>	COIL (OHMS) <i>350/.15</i>	CONTACT CONFIG. <i>4FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>	<i>.80</i>	PICK UP (NORMAL)	<i>9.0</i>	<i>.6</i>
WORKING (NORMAL)	<i>8.0</i>	<i>.80</i>	WORKING (NORMAL)	<i>9.0</i>	<i>.6</i>
RELEASE (NORMAL)	<i>3.0</i>	<i>.30</i>	RELEASE (NORMAL)	<i>4.0</i>	<i>.21</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)	↓		POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)	↓	↓	PICK UP (REVERSE)	↓	
WORKING (REVERSE)	↓	↓	WORKING (REVERSE)	↓	
RELEASE (REVERSE)	↓	↓	RELEASE (REVERSE)		

Coil B Coil A Coil B Coil A

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T McCall
 MAINTAINER (PRINT NAME)
John VanBuren
 MAINTAINER (PRINT NAME)

 SIGNATURE

 SIGNATURE

3/21/17
 DATE
3/21/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2NFR-N	C.I.L. W overbrook	RACK 1	POSITION 1C	DATE REPAIRED 5/18/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092123	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. COFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.48	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.41	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		CONTACT CARBON (LIGHT)
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✗	✓		CONTACT (BURNT)
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proeda
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2FR-N</i>	C.I.L. <i>Wawa Brook</i>	RACK <i>2</i>	POSITION <i>1D</i>	DATE REPAIRED <i>6/89</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>P 45374</i>	INDEX or SPEC. <i>99235180</i>	COIL (OHMS) <i>125</i>	CONTACT CONFIG. <i>4N 4R</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)			PICK UP (NORMAL)		
WORKING (NORMAL)	<i>5</i>		WORKING (NORMAL)	<i>4.33</i>	<i>.035</i>
RELEASE (NORMAL)			RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)	<i>5</i>		WORKING (REVERSE)	<i>4.54</i>	<i>.037</i>
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. ScaraZZA
 MAINTAINER (PRINT NAME)
K. Proccida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2.5FR-N</i>	C.I.L. <i>Waverbrook</i>	RACK <i>2</i>	POSITION <i>1E</i>	DATE REPAIRED <i>5/27/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092104</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Prociada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2NFR-5	C.I.L. Wover Brook	RACK 2	POSITION 1F	DATE REPAIRED 4/26/2011	DATE INSTALLED 4/11/12
MODEL or TYPE. PD1	SERIAL NUMBER B193743	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. C6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.2	.009	PICK UP (NORMAL)	7.38	.009
WORKING (NORMAL)	7.3	.0092	WORKING (NORMAL)	7.68	.009
RELEASE (NORMAL)	3.5	.0044	RELEASE (NORMAL)	3.61	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		CONTACT (BURNT)
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2NFPR-5</i>	C.I.L. <i>Waverbrook</i>	RACK <i>2</i>	POSITION <i>1G</i>	DATE REPAIRED <i>5/22/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092/1G</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.58</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.72</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K Proada
 MAINTAINER (PRINT NAME)

PII [Redacted]
 SIGNATURE
PII [Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2FR-5</i>	C.I.L. <i>W0</i>	RACK <i>2</i>	POSITION <i>1H</i>	DATE REPAIRED <i>10/89</i>	DATE INSTALLED
MODEL or TYPE. <i>PD 1 MNG-STICK</i>	SERIAL NUMBER <i>P466988</i>	INDEX or SPEC. <i>99275180</i>	COIL (OHMS) <i>125</i>	CONTACT CONFIG. <i>4FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)			PICK UP (NORMAL)		
WORKING (NORMAL)	<i>✓</i>		WORKING (NORMAL)	<i>4.64</i>	<i>.038</i>
RELEASE (NORMAL)			RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)	<i>✓</i>		WORKING (REVERSE)	<i>4.23</i>	<i>.034</i>
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<i>✓</i>			
A2	<i>✓</i>			
A3	<i>✓</i>			
A4	<i>✓</i>		<i>✓</i>	
A5	<i>✓</i>		<i>✓</i>	
A6	<i>✓</i>		<i>✓</i>	
A7	<i>✓</i>			
B1	<i>✓</i>			
B2	<i>✓</i>			
B3			<i>✓</i>	
B4			<i>✓</i>	
B5			<i>✓</i>	
B6	<i>✓</i>			
B7	<i>✓</i>			
B8	<i>✓</i>			
B9	<i>✓</i>			
B10	<i>✓</i>			
B11	<i>✓</i>			

REMARKS:

V. Scaramuzza
 MAINTAINER (PRINT NAME)
K. Proclida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/8/17
 DATE
9/13/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 25 FR-5	C.I.L. W Overbrook	RACK 2	POSITION 2A	DATE REPAIRED 5/29/1992	DATE INSTALLED
MODEL or TYPE. PD 1	SERIAL NUMBER B 2092095	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6 FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.83	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		CONTACT CARBON (LIGHT)
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3				
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
R. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2CA1</i>	C.I.L. <i>Waverbrook</i>	RACK <i>2</i>	POSITION <i>2B</i>	DATE REPAIRED <i>5/28/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2022107</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.41</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procidia
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2CA2</i>	C.I.L. <i>waverbrook</i>	RACK <i>2</i>	POSITION <i>2C</i>	DATE REPAIRED <i>5/27/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092065</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. ScaraZZA
 MAINTAINER (PRINT NAME)
K. Procsda
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>6006TPR</i>	C.I.L. <i>Waver Brook</i>	RACK <i>2</i>	POSITION <i>4D</i>	DATE REPAIRED <i>4/27/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B1392336</i>	INDEX or SPEC. <i>99255/80</i>	COIL (OHMS) <i>2005pu</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>7.21</i>	<i>.034</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>7.42</i>	<i>.035</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.59</i>	<i>.017</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>CONTACTS CARBON (LIGHT)</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓	✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2NOTR</i>	C.I.L. <i>WOUK Brook</i>	RACK <i>2</i>	POSITION <i>2D</i>	DATE REPAIRED <i>10/23/1991</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B4091162</i>	INDEX or SPEC. <i>992-55114</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>5.96</i>	<i>.012</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.96</i>	<i>.012</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>2.82</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		<i>LOOSE TAG INSIDE</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>250TR</i>	C.I.L. <i>Wover Brook</i>	RACK <i>2</i>	POSITION <i>2E</i>	DATE REPAIRED <i>11/4/1991</i>	DATE INSTALLED
MODEL or TYPE. <i>P01</i>	SERIAL NUMBER <i>B4091223</i>	INDEX or SPEC. <i>992-55 W4</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>5.58</i>	<i>.011</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.58</i>	<i>.011</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>3.09</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		<i>LOOSE CONTACTS CARBON (WIGHT)</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2 NVSR	C.I.L. Woverbrook	RACK 2	POSITION 2F	DATE REPAIRED 5/21/1996	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092228	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.13		PICK UP (NORMAL)	7.27	.009
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.58	.009
RELEASE (NORMAL)	3.601		RELEASE (NORMAL)	3.41	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		OUT OF SPEC (O.P.) (FAIL)
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		CONTACT CARBON
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		GLASS CRACKED, DISCOLORED.
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proveda
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2SVSR</i>	C.I.L. <i>Woverbrook</i>	RACK <i>2</i>	POSITION <i>2G</i>	DATE REPAIRED <i>6/2/2008</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B1193598</i>	INDEX or SPEC. <i>99255684</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5.7</i>	<i>.0072</i>	PICK UP (NORMAL)	<i>6.18</i>	<i>.007</i>
WORKING (NORMAL)	<i>5.7</i>	<i>.0072</i>	WORKING (NORMAL)	<i>6.18</i>	<i>.007</i>
RELEASE (NORMAL)	<i>2.46</i>	<i>.003</i>	RELEASE (NORMAL)	<i>2.42</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1				
B2		✓		<i>CONTACT BURN</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proade
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>608 TPR</i>	C.I.L. <i>Wover Brook</i>	RACK <i>2</i>	POSITION <i>417</i>	DATE REPAIRED <i>4/24/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B1392375</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>2005Pu</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>8.30</i>	<i>.039</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>8.30</i>	<i>.039</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>4.36</i>	<i>.020</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2TPR</i>	C.I.L. <i>Worcester</i>	RACK <i>2</i>	POSITION <i>2H</i>	DATE REPAIRED <i>12/12/11</i>	DATE INSTALLED <i>7/3/13</i>
MODEL or TYPE. <i>PDP</i>	SERIAL NUMBER <i>B5096187</i>	INDEX or SPEC. <i>9A255686</i>	COIL (OHMS) <i>800</i>	CONTACT/CONFIG. <i>6F3</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.6</i>	<i>.008</i>	PICK UP (NORMAL)	<i>6.69</i>	<i>.008</i>
WORKING (NORMAL)	<i>6.6</i>	<i>.008</i>	WORKING (NORMAL)	<i>6.79</i>	<i>.008</i>
RELEASE (NORMAL)	<i>3.2</i>	<i>.004</i>	RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		CONTACT BURN
A4	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2		<input checked="" type="checkbox"/>		CONTACT BURN
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scaramia
 MAINTAINER (PRINT NAME)
& Procida
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2NGR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>2</i>	POSITION <i>3A</i>	DATE REPAIRED <i>5/28/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2692/100</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.38</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.38</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.82</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) +10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>GLASS CRACKED.</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2TNSZR</i>	C.I.L. <i>w overbrook</i>	RACK <i>2</i>	POSITION <i>3B</i>	DATE REPAIRED <i>5/27/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092166</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.93</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		✓		<i>OUT OF SPEC (P.A.) +10%</i>
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>210 NBPR</i>	C.I.L. <i>W Overbrook</i>	RACK <i>2</i>	POSITION <i>3C</i>	DATE REPAIRED <i>5/27/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092103</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		<i>OUT OF SPEC (P.A.) + 10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)

K. Procida
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE

[Redacted]
 SIGNATURE

9/3/17
 DATE

9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2NFCR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>2</i>	POSITION <i>3D</i>	DATE REPAIRED <i>5/26/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092110</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.82</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) + 10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2N SB PR</i>	C.I.L. <i>W overbrook</i>	RACK <i>2</i>	POSITION <i>3E</i>	DATE REPAIRED <i>5/20/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092120</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.58</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.82</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>OUT OF SPEC (P.A.) +10%</i>
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>CONTACT CARBON (LIGHT)</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proeida
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>25 GR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>2</i>	POSITION <i>3F</i>	DATE REPAIRED <i>6/10/2004</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2992148</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>CoFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.65</i>		PICK UP (NORMAL)	<i>6.97</i>	<i>.008</i>
WORKING (NORMAL)	<i>2.85</i>		WORKING (NORMAL)	<i>7.07</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.67</i>		RELEASE (NORMAL)	<i>2.62</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓	✗		<i>C.</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACT BURST (SLIGHT)</i>
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2TSSZR</i>	C.I.L. <i>w overbrook</i>	RACK <i>2</i>	POSITION <i>36</i>	DATE REPAIRED <i>5/21/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092066</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.90</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.38</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) +1090</i>
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>CONTACT CARBON (LIGHT)</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

SIGNATURE

 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>2SNBPR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>2</i>	POSITION <i>3H</i>	DATE REPAIRED <i>5/26/1892</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092169</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6PB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>8.06</i>	<i>.010</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) +10%</i>
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>CONTACT CARBON (LIGHT)</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proccida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 2S FCR	C.I.L. Woverbrook	RACK 2	POSITION 4 A	DATE REPAIRED 5/22/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092085	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	1.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.38	1.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.10	1.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		OUT OF SPEC (D.A.) + 10%
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		CONTACT CARBON (LIGHT)
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>25 SBPR</i>	C.I.L. <i>Woverbrook</i>	RACK <i>2</i>	POSITION <i>4B</i>	DATE REPAIRED <i>5/26/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092112</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		✓		<i>OUT OF SPEC (D.I.A.) +10%</i>
A2	✓			
A3		✓		<i>CONTACT CARBON (LIGHT)</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>60470BR</i>	C.I.L. <i>Waver Brook</i>	RACK <i>2</i>	POSITION <i>4C</i>	DATE REPAIRED <i>5/28/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092098</i>	INDEX or SPEC. <i>992556086</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.79</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.79</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>2.72</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) + 10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scaramia
 MAINTAINER (PRINT NAME)
K. Prociada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>6006TPPR</i>	C.I.L. <i>Waver Brook</i>	RACK <i>2</i>	POSITION <i>SE</i>	DATE REPAIRED <i>3/23/11</i>	DATE INSTALLED <i>6/26/16</i>
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092062</i>	INDEX or SPEC. <i>9955686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>	<i>.008</i>	PICK UP (NORMAL)	<i>6.69</i>	<i>.008</i>
WORKING (NORMAL)	<i>7.1</i>	<i>.0089</i>	WORKING (NORMAL)	<i>7.07</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.9</i>	<i>.0035</i>	RELEASE (NORMAL)	<i>2.72</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✗	✓		<i>CONTACT BURNT (SLIGHT)</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proeda
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>608CA1</i>	C.I.L. <i>Woverbrook</i>	RACK <i>2</i>	POSITION <i>4F</i>	DATE REPAIRED <i>5/18/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092121</i>	INDEX or SPEC. <i>992551086</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓	✓		<i>OUT OF SPEC (D.A.) + 10%</i>
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>608CA2</i>	C.I.L. <i>w over brook</i>	RACK <i>2</i>	POSITION <i>4G</i>	DATE REPAIRED <i>5/19/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092045</i>	INDEX or SPEC. <i>992551086</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.72</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) +10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/13/17
 DATE
9/13/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>608TPPR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>2</i>	POSITION <i>5A</i>	DATE REPAIRED <i>1/31/12</i>	DATE INSTALLED <i>6/8/12</i>
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092230</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.8</i>	<i>.008</i>	PICK UP (NORMAL)	<i>7.27</i>	<i>.009</i>
WORKING (NORMAL)	<i>6.8</i>	<i>.008</i>	WORKING (NORMAL)	<i>7.27</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.9</i>	<i>.003</i>	RELEASE (NORMAL)	<i>2.72</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1				
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACT BURNED</i>
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Prociak
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>702CA1</i>	C.I.L. <i>Wauver Brook</i>	RACK <i>2</i>	POSITION <i>5B</i>	DATE REPAIRED <i>5/27/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092167</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6 FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.90</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.P.) +10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
MAINTAINER (PRINT NAME)

K. Procida
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE

[Signature]
SIGNATURE

9/3/17
DATE

9/3/17
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>702CA2</i>	C.I.L. <i>Wover Brook</i>	RACK <i>2</i>	POSITION <i>5C</i>	DATE REPAIRED <i>5/22/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>P.D.1</i>	SERIAL NUMBER <i>B2092117</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.58</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>OUT OF SPEC (P.A.) +10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/8/17
 DATE
9/8/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>702 TPR</i>	C.I.L. <i>Wolver Brook</i>	RACK <i>2</i>	POSITION <i>5D</i>	DATE REPAIRED <i>4/27/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B1392335</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>200SPu</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>7.01</i>	<i>.033</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>7.72</i>	<i>.036</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.37</i>	<i>.016</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>702TPPR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>2</i>	POSITION <i>5E</i>	DATE REPAIRED <i>12/27/11</i>	DATE INSTALLED <i>4/11/12</i>
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B1193579</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.18</i>	<i>.009</i>	PICK UP (NORMAL)	<i>7.17</i>	<i>.009</i>
WORKING (NORMAL)	<i>7.18</i>	<i>.009</i>	WORKING (NORMAL)	<i>7.89</i>	<i>.010</i>
RELEASE (NORMAL)	<i>3.16</i>	<i>.003</i>	RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)			
	PASS	FAIL	REMARKS
A1	✓		<i>WORKING CLOSE TO 10% (SPEC)</i>
A2	✓		
A3	✓		
A4			✓
A5	✓		✓
A6			✓
A7	✓		
B1	✓		
B2		✓	<i>CONTACTS BURN</i>
B3			
B4			✓
B5			✓
B6		✓	<i>GLASS CRACKED</i>
B7	✓		
B8	✓		
B9	✓		
B10	✓		
B11	✓		

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proeda
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 704 TPR	C.I.L. Worcesterbrook	RACK 2	POSITION 5F	DATE REPAIRED 4/21/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B1392381	INDEX or SPEC. 99255/80	COIL (OHMS) 2005Pu	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9		PICK UP (NORMAL)	7.72	.036
WORKING (NORMAL)	9		WORKING (NORMAL)	8.60	.040
RELEASE (NORMAL)	3.5		RELEASE (NORMAL)	3.89	.018
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>704TPR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>2</i>	POSITION <i>5B</i>	DATE REPAIRED <i>2/28/12</i>	DATE INSTALLED <i>6/8/17</i>
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B1193583</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.7</i>	<i>.009</i>	PICK UP (NORMAL)	<i>7.96</i>	<i>.010</i>
WORKING (NORMAL)	<i>7.7</i>	<i>.009</i>	WORKING (NORMAL)	<i>7.96</i>	<i>.010</i>
RELEASE (NORMAL)	<i>3.1</i>	<i>.003</i>	RELEASE (NORMAL)	<i>2.82</i>	<i>.053</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACT BURN</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
R. Proveda
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>10 NASPR</i>	C.I.L. <i>Waver Brook</i>	RACK <i>2</i>	POSITION <i>5A</i>	DATE REPAIRED <i>7/14/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2992198</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.07</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.82</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) + 10%</i>
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)

K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE

[Signature]
 SIGNATURE

9/3/17
 DATE

9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 702CTPR	C.I.L. West Overbrook	RACK 2	POSITION 6A	DATE REPAIRED 12-1-06	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER 470600064	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	


SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.015	PICK UP (NORMAL)	2.68	.019
WORKING (NORMAL)	8-12		WORKING (NORMAL)	2.78	.020
RELEASE (NORMAL)		.008	RELEASE (NORMAL)	1.20	.008
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

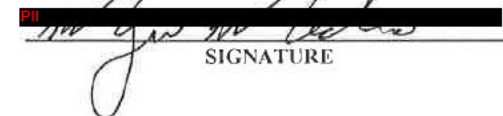
VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		CARBON ON COVER
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2		✓		1B CONTACT BURNED
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)


 SIGNATURE


 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS #94

RELAY NOMENCLATURE 704TR	C.I.L. West Overbrook	RACK 2	POSITION 6C	DATE REPAIRED 01/29/92	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0192216	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.76	.34
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.1	.49
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.66	.29
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	116.5	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

~~T. McCall~~
 SIGNATURE
~~E. Vanderzee~~
 SIGNATURE

9/20/17
 DATE
 9/20/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 706CTPR	C.I.L. West Overbrook	RACK 2	POSITION 6J	DATE REPAIRED 8-27-13	DATE INSTALLED 8-13-15
MODEL or TYPE. PC-250B	SERIAL NUMBER B3191318		INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	2.56	.018	PICK UP (NORMAL)	2.68	.020
WORKING (NORMAL)	2.98	.021	WORKING (NORMAL)	2.68	.020
RELEASE (NORMAL)	1.54	.011	RELEASE (NORMAL)	1.40	.010
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		CARBON ON COVER
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2		✓		1B, 2B CONTACTS BURNED
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)


 SIGNATURE


 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 602 TPBR	C.I.L. Wover Brook	RACK 2	POSITION 7A	DATE REPAIRED 11/31/97	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B5096199	INDEX or SPEC. 99255680	COIL (OHMS) 800	CONTACT CONFIG. 6PB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.89	.010
WORKING (NORMAL)	8		WORKING (NORMAL)	7.89	.010
RELEASE (NORMAL)	2.40		RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓	✓		OUT OF SPEC (D.A.) +10%
A2	✓			
A3		✓		CONTACT CARBON (LIGHT)
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5	✓		✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE JCA3	C.I.L. Waver Brook	RACK 2	POSITION 7B	DATE REPAIRED 6/23/93	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 2393324	INDEX or SPEC. 9925586	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	8.06	.010
WORKING (NORMAL)	8		WORKING (NORMAL)	8.06	.010
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.40	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		✓		OUT OF SPEC (D.A.) +10%
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Praxida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>6208CA3</i>	C.I.L. <i>w over Brook</i>	RACK <i>2</i>	POSITION <i>7C</i>	DATE REPAIRED <i>1/31/97</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B35096197</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.96</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.96</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.51</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.) +10%</i>
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>SHOP STICKER LOOSE</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS: *SHOP TAG LOOSE*

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 702CA3	C.I.L. Waver Brook	RACK 2	POSITION 7D	DATE REPAIRED 1/31/97	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B5096196	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. Co.P.B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.58	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.58	.009
RELEASE (NORMAL)	2.40		RELEASE (NORMAL)	2.82	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓	✓		OUT OF SPEC (P.A.) +10 %
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 1 A BHR	C.I.L. W over Brook	RACK 1	POSITION 1A	DATE REPAIRED 5/30/92	DATE INSTALLED
MODEL or TYPE. P01	SERIAL NUMBER B209 2094	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.97	.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.69	.009
RELEASE (NORMAL)	2.40		RELEASE (NORMAL)	3.10	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓		✓	
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS BROKEN
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Sciarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

PII
 SIGNATURE
PII
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE INFRN	C.I.L. WoverBrook	RACK 1	POSITION 1C	DATE REPAIRED 6/8/92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092199	INDEX or SPEC. 99255686	COIL (OHMS) 500	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.59	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.59	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		CONTACT BURN (SIGHT)
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarsz A
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE IFR-N	C.I.L. Westover Brook	RACK 1	POSITION 1 D	DATE REPAIRED 8/18/92	DATE INSTALLED
MODEL or TYPE PDI ^{MAG} SLICK	SERIAL NUMBER B2592308	INDEX or SPEC. 99275/80	COIL (OHMS) 125	CONTACT CONFIG. 4 FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)			PICK UP (NORMAL)		
WORKING (NORMAL)	5		WORKING (NORMAL)	4.03	.032
RELEASE (NORMAL)			RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)	4.34	.034
WORKING (REVERSE)	5		WORKING (REVERSE)	4.34	.034
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>15FR-N</i>	C.I.L. <i>W. Overbrook</i>	RACK <i>1</i>	POSITION <i>1E</i>	DATE REPAIRED <i>6/1/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092217</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarezza
 MAINTAINER (PRINT NAME)
K. Prociada
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 1NFR-S	C.I.L. W Overbrook	RACK 1	POSITION 1F	DATE REPAIRED 2/17/1998	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092177		INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.87		PICK UP (NORMAL)	6.90	.008
WORKING (NORMAL)	7.65		WORKING (NORMAL)	7.79	.009
RELEASE (NORMAL)	3.23		RELEASE (NORMAL)	2.93	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proeida
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>INFPRS</i>	C.I.L. <i>WOURBROOK</i>	RACK <i>16</i>	POSITION <i>1G</i>	DATE REPAIRED <i>5/22/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092084</i>	INDEX or SPEC. <i>99255686</i>		COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. ScaraZZA
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 1FR-S	C.I.L. W over Brook	RACK 1	POSITION 1H	DATE REPAIRED 3/2/92	DATE INSTALLED
MODEL or TYPE. DD1	SERIAL NUMBER B0992154	INDEX or SPEC. 9275180	COIL (OHMS) 125	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)			PICK UP (NORMAL)		
WORKING (NORMAL)	5		WORKING (NORMAL)	4.03	.032
RELEASE (NORMAL)			RELEASE (NORMAL)		
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)	5		WORKING (REVERSE)	3.05	.024
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

PII [Redacted]
 SIGNATURE
PII [Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE ISFR-5	C.I.L. W O U R B R O O K	RACK 1	POSITION 2A	DATE REPAIRED 5/26/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092711	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.89	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.20	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		CONTACTS BURN (SLIGHT)
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

PII [Redacted]
 SIGNATURE
PII [Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 1CA1	C.I.L. W Overbrook	RACK 1	POSITION 2B	DATE REPAIRED 5/29/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092226	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 10FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.20	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE ICA2	C.I.L. W OUESBROOK	RACK 1	POSITION 2C	DATE REPAIRED 5/26/1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 2092083	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.99	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2		✓		CONTACT BURN (SLIGHT)
B3			✓	
B4			✓	
B5			✓	
B6		✓		CRACKED GLASS
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>1NOTR</i>	C.I.L. <i>W Overbrook</i>	RACK <i>1</i>	POSITION <i>2 D</i>	DATE REPAIRED <i>10/10/91</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B4091219</i>	INDEX or SPEC. <i>99255114</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>5.59</i>	<i>.011</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.79</i>	<i>.011</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>3.09</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		<i>CONTACTS CARBON (LIGHT)</i>
A4	✓		✓	
A5	✓		✓	
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>15OTR</i>	C.I.L. <i>Wolverbrook</i>	RACK <i>1</i>	POSITION <i>2E</i>	DATE REPAIRED <i>10/16/91</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B4091207</i>	INDEX or SPEC. <i>9925514</i>	COIL (OHMS) <i>500</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.5</i>		PICK UP (NORMAL)	<i>5.96</i>	<i>.011</i>
WORKING (NORMAL)	<i>6.5</i>		WORKING (NORMAL)	<i>5.96</i>	<i>.011</i>
RELEASE (NORMAL)	<i>2.0</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		<i>LOOSE TAG INSIDE</i>
A4			✓	
A5	✓		✓	
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scavazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE INUSR	C.I.L. WOUGerBrook	RACK 1	POSITION 2 F	DATE REPAIRED 3/23/1996	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B0892212	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.92		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.96	.009
RELEASE (NORMAL)	3.76		RELEASE (NORMAL)	3.92	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			<p align="center">REPLACED</p> <p align="center">w/ B1193720</p> <p align="center">9/3/17</p>
A2	✓			
A3		✓		
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✗	✓		
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS: 4F GAP (BIG)

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procidia
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY

(New)

SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 1NJSR	C.I.L. W.O.	RACK 1	POSITION 2F	DATE REPAIRED 9/12/2016	DATE INSTALLED 9/13/2017
MODEL or TYPE. PD 1	SERIAL NUMBER B 1193720	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.06	.010	PICK UP (NORMAL)	8.06	.010
WORKING (NORMAL)	7.06	.010	WORKING (NORMAL)	8.06	.010
RELEASE (NORMAL)	2.99	.005	RELEASE (NORMAL)	2.82	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1				
A2				
A3				
A4			✓	
A5				
A6			✓	
A7				
B1				
B2				
B3			✓	
B4			✓	
B5			✓	
B6				
B7				
B8				
B9				
B10				
B11				

REMARKS: **REPLACED # B 089 2212**

V. Scaramuzza
MAINTAINER (PRINT NAME)
K. Proada
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/3/17
DATE
9/3/17
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 1SVSR	C.I.L. Woverbrook	RACK 1	POSITION 2G	DATE REPAIRED 3/27/1992	DATE INSTALLED
MODEL or TYPE. PO1	SERIAL NUMBER B 2092162	INDEX or SPEC. 99253686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.48	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	9.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1		✓		
B2		✓		CONTACT BURS.
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procula
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE ITPR	C.I.L. Woverbrook	RACK 1	POSITION 2H	DATE REPAIRED 1/16/2013	DATE INSTALLED 4/11/2017
MODEL or TYPE. PD1	SERIAL NUMBER B3092022	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.55	.0079	PICK UP (NORMAL)	6.90	.008
WORKING (NORMAL)	6.70	.0081	WORKING (NORMAL)	7.07	.008
RELEASE (NORMAL)	2.80	.0034	RELEASE (NORMAL)	2.82	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. ScaraZZA
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

New

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
 SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>IN GR</i>	C.I.L. <i>WO</i>	RACK <i>1</i>	POSITION <i>3A</i>	DATE REPAIRED <i>4/2/2013</i>	DATE INSTALLED <i>9/3/2017</i>
MODEL or TYPE. <i>PPI</i>	SERIAL NUMBER <i>B0892149</i>		INDEX or SPEC. <i>9925568</i>	COIL(OHMS) <i>800</i>	CONTACT CONFIG. <i>GFB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.44</i>	<i>.008</i>	PICK UP (NORMAL)	<i>7.89</i>	<i>.010</i>
WORKING (NORMAL)	<i>7.44</i>	<i>.008</i>	WORKING (NORMAL)	<i>7.89</i>	<i>.010</i>
RELEASE (NORMAL)	<i>2.56</i>	<i>.002</i>	RELEASE (NORMAL)	<i>2.51</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS: *INSTALLED 9/3/2017 OLDT# B2992187*

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE INGR	C.I.L. Wover Brook	RACK 1	POSITION 3A	DATE REPAIRED 10/7/2008	DATE INSTALLED 6/23/2009
MODEL or TYPE. PA1	SERIAL NUMBER B2992187	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.6	.08 mA	PICK UP (NORMAL)	7.07	.008
WORKING (NORMAL)	7.1	.06 mA	WORKING (NORMAL)	7.07	.008
RELEASE (NORMAL)	3.5V	.06 mA	RELEASE (NORMAL)	2.93	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		CARBON CONTACTS (LIGHT)
A4			✓	
A5		✓		LADDER ASSM.
A6			✓	
A7	✓			
B1	✓			REPLACED 9/3/17 w/ # B0892149
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS: - LOCKING PLATE NOT BEAT OVER BOLT ON LADDER ASSM.

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Prociak
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>IT NNSR</i>	C.I.L. <i>W.O.</i>	RACK <i>1</i>	POSITION <i>3B</i>	DATE REPAIRED <i>4/19/2011</i>	DATE INSTALLED <i>9/3/2017</i>
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B1193677</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>LFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.8</i>	<i>.010</i>	PICK UP (NORMAL)	<i>8.06</i>	<i>.010</i>
WORKING (NORMAL)	<i>7.8</i>	<i>.010</i>	WORKING (NORMAL)	<i>8.06</i>	<i>.010</i>
RELEASE (NORMAL)	<i>2.7</i>	<i>.003</i>	RELEASE (NORMAL)	<i>2.62</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1				
A2				
A3				
A4			✓	
A5			✓	
A6			✓	
A7				
B1				
B2				
B3			✓	
B4			✓	
B5			✓	
B6	✓			<i>GLASS SLIGHT CRACK</i>
B7				
B8				
B9				
B10				
B11				

REMARKS: *Repaired # B2092225*

V. ScaraZZA
 MAINTAINER (PRINT NAME)
K. Proeida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE MTNNSR	C.I.L. W Overbrook	RACK 1	POSITION 3B	DATE REPAIRED 5/29/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092225	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.48	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.99	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✗	✓		MISSING & WAXING PIN ON REAR COIL
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REPAIRED
9/3/17
B 1193677

REMARKS:

V. Scarozza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>IN NBPR</i>	C.I.L. <i>WoverBrook</i>	RACK <i>1</i>	POSITION <i>3C</i>	DATE REPAIRED <i>6/3/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092148</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6PB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.48</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>CONTACT CARBON</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>INFCR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>1</i>	POSITION <i>3D</i>	DATE REPAIRED <i>5/30/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092222</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.07</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>IN SBPR</i>	C.I.L. <i>W JOUR BROOK</i>	RACK <i>1</i>	POSITION <i>3E</i>	DATE REPAIRED <i>5/20/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PA1</i>	SERIAL NUMBER <i>B2092170</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>ISGR</i>	C.I.L. <i>Woverbrook</i>	RACK <i>1</i>	POSITION <i>3F</i>	DATE REPAIRED <i>5/28/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092158</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.58</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.79</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procula
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>1T SSSR</i>	C.I.L. <i>W overbrook</i>	RACK <i>1</i>	POSITION <i>36</i>	DATE REPAIRED <i>6/5/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092203</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6 FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.6</i>		PICK UP (NORMAL)	<i>6.97</i>	<i>.008</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>15 NBPR</i>	C.I.L. <i>w/over brook</i>	RACK <i>1</i>	POSITION <i>3H</i>	DATE REPAIRED <i>5/28/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092086</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6PB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>CONTACT CARBON (SLIGHT)</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Prociak
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE ISFCR	C.I.L. Woverbrook	RACK 1	POSITION 4A	DATE REPAIRED 5/20/1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092125	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.27	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.41	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. scarazza
 MAINTAINER (PRINT NAME)
K. Proctor
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE ISSBPR	C.I.L. wover brook	RACK 1	POSITION 4 B	DATE REPAIRED 5/27/1992	DATE INSTALLED
MODEL or TYPE. P D 1	SERIAL NUMBER B2092108	INDEX or SPEC. 99255686	COIL(OHMS) 800	CONTACT CONFIG. 6 FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.58	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.89	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.51	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>603 TPBR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>1</i>	POSITION <i>4C</i>	DATE REPAIRED <i>5/26/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092069</i>	INDEX or SPEC. <i>992551086</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>10FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.58</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.52</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		<i>CONTACT CARBON (LIGHT)</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>6005 TPR</i>	C.I.L. <i>Woverbrook</i>	RACK <i>1</i>	POSITION <i>4D</i>	DATE REPAIRED <i>3/24/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 1392267</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>2005pu</i>	CONTACT CONFIG. <i>LOFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>9.60</i>	<i>.046</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>9.60</i>	<i>.046</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.96</i>	<i>.019</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓		✓	
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarezza
 MAINTAINER (PRINT NAME)
K. Prociada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>605 TPR</i>	C.I.L. <i>W2 overbrook</i>	RACK <i>1</i>	POSITION <i>4 E</i>	DATE REPAIRED <i>3/7/12</i>	DATE INSTALLED <i>5/11/12</i>
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B.5096192</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.0</i>	<i>.008</i>	PICK UP (NORMAL)	<i>7.27</i>	<i>.009</i>
WORKING (NORMAL)	<i>7.0</i>	<i>.008</i>	WORKING (NORMAL)	<i>7.27</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.96</i>	<i>.003</i>	RELEASE (NORMAL)	<i>2.93</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓	✗		
A4	✓		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		<i>CONTACT BURNT (SLIGHT)</i>
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 607CA1	C.I.L. Waverbrook	RACK 1	POSITION 4/F	DATE REPAIRED 5/28/1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 2092098	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.80	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	2.80	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.82	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>607CA2</i>	C.I.L. <i>WOUERBROOK</i>	RACK <i>1</i>	POSITION <i>46</i>	DATE REPAIRED <i>5/30/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092092</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.38</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proccida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>607 TPR</i>	C.I.L. <i>Waver Brook</i>	RACK <i>1</i>	POSITION <i>4H</i>	DATE REPAIRED <i>3/30/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B1392305</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>2005pu</i>	CONTACT CONFIG. <i>EPB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9.0</i>		PICK UP (NORMAL)	<i>7.83</i>	<i>.039</i>
WORKING (NORMAL)	<i>9.0</i>		WORKING (NORMAL)	<i>7.83</i>	<i>.039</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.89</i>	<i>.019</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		<i>LOOSE TAG INSIDE, CONTACT CARBON (LIGHT)</i>
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>607 TPR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>1</i>	POSITION <i>5A</i>	DATE REPAIRED <i>10/9/09</i>	DATE INSTALLED <i>9/13/10</i>
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B 2092041</i>	INDEX or SPEC. <i>992551080</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.5</i>	<i>.0092</i>	PICK UP (NORMAL)	<i>8.47</i>	<i>.010</i>
WORKING (NORMAL)	<i>7.5</i>	<i>.0092</i>	WORKING (NORMAL)	<i>8.47</i>	<i>.010</i>
RELEASE (NORMAL)	<i>3.8</i>	<i>.0045</i>	RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>OUT OF SPEC</i> FAIL
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>CONTACT CARBON (LIGHT)</i>
A4	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 701CA1	C.I.L. W OVER B BOOK	RACK 1	POSITION 5B	DATE REPAIRED 5/29/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 209227	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.28	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.28	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.40	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>701 CA2</i>	C.I.L. <i>WOUVERBROOK</i>	RACK <i>1</i>	POSITION <i>5C</i>	DATE REPAIRED <i>5/28/1992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092229</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.48</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proccida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>701 TPR</i>	C.I.L. <i>Waver Brook</i>	RACK <i>1</i>	POSITION <i>5D</i>	DATE REPAIRED <i>3/31/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B1392301</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>200pu</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>7.42</i>	<i>.036</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>8.10</i>	<i>.039</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.95</i>	<i>.019</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scara 22A
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>701TPPR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>1</i>	POSITION <i>5E</i>	DATE REPAIRED <i>11/12/09</i>	DATE INSTALLED <i>7/22/11</i>
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092131</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7</i>	<i>.007</i>	PICK UP (NORMAL)	<i>7.58</i>	<i>.009</i>
WORKING (NORMAL)	<i>7</i>	<i>.009</i>	WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>3.7</i>	<i>.0049</i>	RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>OUT OF SPEC (D.A.)</i>
A2	<input checked="" type="checkbox"/>			<i>(FAIL)</i>
A3		<input checked="" type="checkbox"/>		<i>CONTACTS CARBON</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazzia
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>703TPR</i>	C.I.L. <i>Waver Brook</i>	RACK <i>1</i>	POSITION <i>5F</i>	DATE REPAIRED <i>11/8/95</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B 1392096</i>	INDEX or SPEC. <i>9255180</i>	COIL (OHMS) <i>2005PU</i>	CONTACT CONFIG. <i>6 FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>8.61</i>	<i>.041</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>8.61</i>	<i>.041</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.58</i>	<i>.017</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. ScaraZZA
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 703TPRR	C.I.L. Woverbrook	RACK 1	POSITION 5G	DATE REPAIRED 1/12/2012	DATE INSTALLED 06/08/12
MODEL or TYPE. PDI	SERIAL NUMBER B2092080	INDEX or SPEC. 992551686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7	.008	PICK UP (NORMAL)	7.17	.009
WORKING (NORMAL)	7	.008	WORKING (NORMAL)	7.17	.009
RELEASE (NORMAL)	3.2	.003	RELEASE (NORMAL)	3.2	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2		✓		CONTACT BURST
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 705 VR	C.I.L. Waverbrook	RACK 1	POSITION 5H	DATE REPAIRED 5/22/1992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092031	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6PB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.79	.009
RELEASE (NORMAL)	2.40		RELEASE (NORMAL)	3.10	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		CONTACT CARBON (LIGHT)
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>100 BRK FOR Waverbrook</i>	C.I.L. <i>Waverbrook</i>	RACK <i>1</i>	POSITION <i>LOB</i>	DATE REPAIRED <i>4/21/92</i>	DATE INSTALLED
MODEL or TYPE <i>PDL</i>	SERIAL NUMBER <i>B1592403</i>	INDEX of SPEC. <i>99275257</i>	COIL (OHMS) <i>125</i>	CONTACT CONFIG. <i>4FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>3</i>		PICK UP (NORMAL)	<i>2.56</i>	<i>0.021</i>
WORKING (NORMAL)	<i>3</i>		WORKING (NORMAL)	<i>2.56</i>	<i>0.021</i>
RELEASE (NORMAL)	<i>1</i>		RELEASE (NORMAL)	<i>1.19</i>	<i>0.009</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>Cracked glass</i>
B7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REMARKS:

V. Scarsazza
 MAINTAINER (PRINT NAME)
K. Prociada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 705TPAR	C.I.L. Waverbrook	RACK 1	POSITION 6A	DATE REPAIRED 5/26/1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092114	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.58	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.58	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.72	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		CONTACT CARBON (LIGHT)
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. ScaraZZA
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE EOZR	C.I.L. Waverbrook	RACK 1	POSITION 6C	DATE REPAIRED 5/30/1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092223	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.07	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.07	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.20	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE EOCR	C.I.L. w over Brook	RACK 1	POSITION 6D	DATE REPAIRED 5/8/07	DATE INSTALLED
MODEL or TYPE. DD1	SERIAL NUMBER P 48193	INDEX or SPEC. 99255114	COIL (OHMS) 500	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	5.3		PICK UP (NORMAL)	5.38	.010
WORKING (NORMAL)	5.6		WORKING (NORMAL)	5.38	.010
RELEASE (NORMAL)	2.5	.004	RELEASE (NORMAL)	2.51	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Prociada
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE EOR	C.I.L. 12 OVER Brook	RACK 1	POSITION 6E	DATE REPAIRED 5/5/2003	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2793356	INDEX or SPEC. 99275257	COIL (OHMS) 125	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	3.22		PICK UP (NORMAL)	3.05	.024
WORKING (NORMAL)	3.22		WORKING (NORMAL)	3.05	.024
RELEASE (NORMAL)	1.48		RELEASE (NORMAL)	1.10	.008
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		ARMATURE Hinge CORROSION CONTACT CARBON
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. ScaraZZA
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>mcz</i>	C.I.L. <i>w over brook</i>	RACK <i>1</i>	POSITION <i>6E</i>	DATE REPAIRED <i>11/2/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B1392286</i>	INDEX or SPEC. <i>Q9255180</i>	COIL(OHMS) <i>200 spm</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9</i>		PICK UP (NORMAL)	<i>7.83</i>	<i>.038</i>
WORKING (NORMAL)	<i>9</i>		WORKING (NORMAL)	<i>7.83</i>	<i>.038</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>4.26</i>	<i>.020</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. ScaraZZA
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>MC2P</i>	C.I.L. <i>Waverbrook</i>	RACK <i>1</i>	POSITION <i>6G</i>	DATE REPAIRED <i>5/13/98</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B 1193 744</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.10</i>		PICK UP (NORMAL)	<i>7.48</i>	<i>.009</i>
WORKING (NORMAL)	<i>7.10</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>3.23</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		✓		<i>6B CONTACT NOT FLUSH, 6FB MAKE WIPED NEAR D.A. AND D.A. V 3.20 OUT OF SPEC</i>
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		<i>GLASS CRACKED</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS: *6B CONTACT NOT FLUSH, 6FB MAKE SLIGHTLY WHEN NEAR D.A. D.A. V OUT OF SPEC*

V. ScaraZZA
 MAINTAINER (PRINT NAME)
K. ProciDa
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE SMZR	C.I.L. voverbrook	RACK 1	POSITION LOH	DATE REPAIRED 3/24/92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B1392241	INDEX or SPEC. 99255180	COIL (OHMS) 200SPU	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9		PICK UP (NORMAL)	8.18	.041
WORKING (NORMAL)	9		WORKING (NORMAL)	8.18	.041
RELEASE (NORMAL)	3.5		RELEASE (NORMAL)	3.78	.019
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓		✓	
A6	✓		✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓	✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Prociada
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>601 TPBR</i>	C.I.L. <i>Waverbrook</i>	RACK <i>1</i>	POSITION <i>7A</i>	DATE REPAIRED <i>12/11/1996</i>	DATE INSTALLED
MODEL or TYPE. <i>P D 1</i>	SERIAL NUMBER <i>B5096186</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proccida
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>ICA 3</i>	C.I.L. <i>Waverbrook</i>	RACK <i>1</i>	POSITION <i>7B</i>	DATE REPAIRED <i>12/2/96</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B5096194</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.48</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>8.06</i>	<i>.010</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.81</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proada
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>607CA3</i>	C.I.L. <i>W Overbrook</i>	RACK <i>1</i>	POSITION <i>7C</i>	DATE REPAIRED <i>4/30/1993</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B1193597</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.58</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.61</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Proeda
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 70/CAB	C.I.L. W Overbrook	RACK 1	POSITION 7D	DATE REPAIRED 12/12/96	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER 05096193	INDEX or SPEC. 99255686	COIL(OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.69	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.96	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.51	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

V. Scarazza
 MAINTAINER (PRINT NAME)
K. Procida
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/3/17
 DATE
9/3/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3CTPR	C.I.L. 69TH – "C" House	RACK 4	POSITION 1A	DATE REPAIRED 8/14/17	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B3191332	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)		.015	PICK UP (NORMAL)	2.88	.021
WORKING (NORMAL)			WORKING (NORMAL)	2.95	.021
RELEASE (NORMAL)		.008	RELEASE (NORMAL)	1.30	.009
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2		✓		slight pitting
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII
 SIGNATURE

PII
 SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3TR	C.I.L. 69th St. C	RACK 4	POSITION 1C	DATE REPAIRED 10/12/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B3891080	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.87	.37
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.2	.54
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.54	.23
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	117.	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

 SIGNATURE

 SIGNATURE

9/14/17
 DATE
 9/14/2017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 7A CTPR	C.I.L. 69st "C" HOUSE	RACK 4	POSITION 10	DATE REPAIRED 8-15-91	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B 3191326	INDEX or SPEC. 322559025	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	MIN	.015	PICK UP (NORMAL)	3.05	.022
WORKING (NORMAL)	8-12	/	WORKING (NORMAL)	3.05	.022
RELEASE (NORMAL)	/	.008	RELEASE (NORMAL)	1.00	.007
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3		X		carbon on 4B contact
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4		X		
B5		X		
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Miguel Medina
 MAINTAINER (PRINT NAME)

Juan Condo
 SIGNATURE
Miguel Medina
 SIGNATURE

9-10-17
 DATE
9/10/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS



RELAY NOMENCLATURE 7ATR	C.I.L. 69th St. C	RACK 4	POSITION 1J	DATE REPAIRED 10/17/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B3891079	INDEX or SPEC. 322555010		COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.85	.38
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.1	.5
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.49	.22
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL		.31
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

PHI 
 SIGNATURE
 PHI 
 SIGNATURE

9/12/11
 DATE
 9/12/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 7BCTPR	C.I.L. 69st "C" House	RACK 4	POSITION 2A	DATE REPAIRED 6-1-99	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B3691082	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	/	.020	PICK UP (NORMAL)	2.68	.019
WORKING (NORMAL)	8-12	.020	WORKING (NORMAL)	2.88	.021
RELEASE (NORMAL)	/	.009	RELEASE (NORMAL)	1.30	.009
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3		X		1F + 1B show carbon
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Miguel Medina
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9-10-17
 DATE
2/10/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 7BTR	C.I.L. 69th St. C	RACK 4	POSITION 2C	DATE REPAIRED 08/06/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B1790297	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.84	.39
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.2	.57
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.50	.24
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL		.31
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

PI [Redacted] _____
 SIGNATURE
 PI [Redacted] _____
 SIGNATURE

9/12/17
 DATE
 9/12/2017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 7C CTPR	C.I.L. 69st "C" HOUSE	RACK 4	POSITION 2E	DATE REPAIRED 8-25-11	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B4791545	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	3.0	.022	PICK UP (NORMAL)	3.15	.023
WORKING (NORMAL)	8-12	✓	WORKING (NORMAL)	3.96	.025
RELEASE (NORMAL)	1.9	.014	RELEASE (NORMAL)	2.08	.015
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3		X		1F, 1B show carbon
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X	X		1B no gap on contact spring
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Miguel Medina
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9-10-17
 DATE
9/10/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 7CTR	C.I.L. 69th St. C	RACK 4	POSITION 2G	DATE REPAIRED 01/21/1992	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0192208	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.82	.34
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.1	.56
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.67	.28
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL		.31
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

SIGNATURE

 SIGNATURE

9/12/17
 DATE
 9/12/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A7 CTPR	C.I.L. 69st 'C' HOUSE	RACK 4	POSITION 2J	DATE REPAIRED 11-17-11	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B2591313	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	2.35	.016	PICK UP (NORMAL)	2.47	.017
WORKING (NORMAL)	8-12	/	WORKING (NORMAL)	2.95	.021
RELEASE (NORMAL)	1.60	.009	RELEASE (NORMAL)	1.71	.012
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3		X		2B, 3F, 3B, 4F + 4B show carbon
A4			X	
A5	X			
A6			X	
A7	X			
B1		X		not flush on 1F contact
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Miguel Medina
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9-10-17
 DATE
9/10/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A7TR	C.I.L. 69th St. C	RACK 4	POSITION 3A	DATE REPAIRED 01/24/1992	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B0192210	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.85	.33
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.1	.47
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.62	.25
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL		.31
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

PII [REDACTED]
 SIGNATURE
 PII [REDACTED]
 SIGNATURE

9/12/17
 DATE
 9/12/2017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE B7 CTPR	C.I.L. 695t "C" HOUSE	RACK 4	POSITION 3C	DATE REPAIRED 7-17-91	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B3691086 JFC B2591334	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	MIN	.015	PICK UP (NORMAL)	2.88	.020
WORKING (NORMAL)	8-12	—	WORKING (NORMAL)	3.66	.026
RELEASE (NORMAL)	—	.008	RELEASE (NORMAL)	1.81	.013
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1		X		IB not flush/air gap, IF air gap
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Miguel Medina
 MAINTAINER (PRINT NAME)

~~Juan Condo~~
 SIGNATURE
~~Miguel Medina~~
 SIGNATURE

9-10-17
 DATE
9/10/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE B7TR	C.I.L. 69th St. C	RACK 4	POSITION 3E	DATE REPAIRED 09/28/1996	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B3891088	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.87	.36
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.2	.53
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.64	.26
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL		.31
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER


 SIGNATURE

 SIGNATURE

9/12/17
 DATE
 9/12/2017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A4 CTPR	C.I.L. 695t 'C' HOUSE	RACK 4	POSITION 4A	DATE REPAIRED 8-15-91	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B 3191353	INDEX or SPEC. 32259005		COIL (OHMS) 135	CONTACT CONFIG. 4FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	MIN	.015	PICK UP (NORMAL)	3.05	.021
WORKING (NORMAL)	8-12	/	WORKING (NORMAL)	3.05	.021
RELEASE (NORMAL)	/	.008	RELEASE (NORMAL)	1.40	.009
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Miguel Medina
 MAINTAINER (PRINT NAME)

Juan Condo
 SIGNATURE
Miguel Medina
 SIGNATURE

9-10-17
 DATE
9/10/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A4TR	C.I.L. 69th St. C	RACK 4	POSITION 4C	DATE REPAIRED 10/17/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B3891086	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.72	.32
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.0	.49
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.61	.28
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	117	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

PII [REDACTED]
 SIGNATURE
 [REDACTED]
 SIGNATURE

9/14/17
 DATE
 9/14/2017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>6A CTPR</i>	C.I.L. <i>695t "C" HOUSE</i>	RACK <i>4</i>	POSITION <i>46</i>	DATE REPAIRED <i>8-15-91</i>	DATE INSTALLED
MODEL or TYPE. <i>PC-250B</i>	SERIAL NUMBER <i>B3191327</i>	INDEX or SPEC. <i>322559005</i>	COIL (OHMS) <i>135</i>	CONTACT CONFIG. <i>4FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>MIN</i>	<i>.015</i>	PICK UP (NORMAL)	<i>3.23</i>	<i>.022</i>
WORKING (NORMAL)	<i>8-12</i>	<i>-</i>	WORKING (NORMAL)	<i>3.23</i>	<i>.022</i>
RELEASE (NORMAL)	<i>/</i>	<i>.008</i>	RELEASE (NORMAL)	<i>1.30</i>	<i>.009</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3		X		<i>Cite carbon on 1B</i>
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
miquel Medina
 MAINTAINER (PRINT NAME)

Juan Condo
 SIGNATURE
Juan Condo
 SIGNATURE

9-10-17
 DATE
9/10/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 6ATR	C.I.L. 69th St. C	RACK 4	POSITION 4J	DATE REPAIRED 08/07/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B2591095	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.89	.35
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.2	.53
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.71	.27
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	117.	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER


 SIGNATURE

 SIGNATURE

9/14/13
 DATE
 9/14/2014
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 6B CTPR	C.I.L. 69st "C" HOUSE	RACK 4	POSITION 5A	DATE REPAIRED 1-28-15	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B3 691086	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	2.31	.017	PICK UP (NORMAL)	2.48	.018
WORKING (NORMAL)	2.31	.017	WORKING (NORMAL)	2.78	.020
RELEASE (NORMAL)	1.26	.009	RELEASE (NORMAL)	1.40	.010
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1		X		1B shows corrosion
B2	X			
B3	X			
B4		X ^{NO}	X	
B5		X ^{NO}	X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Ricardo Medina
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9-10-17
 DATE
9/10/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

#152

RELAY NOMENCLATURE 6BTR	C.I.L. 69th St. C	RACK 4	POSITION 5C	DATE REPAIRED 10/14/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B3891085	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	<i>78</i>	<i>36</i>
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	<i>1.1</i>	<i>.52</i>
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	<i>.56</i>	<i>.26</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	<i>117</i>	<i>.30</i>
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER


 SIGNATURE

 SIGNATURE

9-20-17
 DATE
9/20/2017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>6C CTPR</i>	C.I.L. <i>69st "C" HOUSE</i>	RACK <i>4</i>	POSITION <i>5E</i>	DATE REPAIRED <i>9-16-11</i>	DATE INSTALLED
MODEL or TYPE. <i>PC-250B</i>	SERIAL NUMBER <i>B2591330</i>	INDEX or SPEC. <i>322559005</i>	COIL (OHMS) <i>135</i>	CONTACT CONFIG. <i>4FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>2.77</i>	<i>.023</i>	PICK UP (NORMAL)	<i>2.88</i>	<i>.020</i>
WORKING (NORMAL)	<i>8-12</i>	<i>—</i>	WORKING (NORMAL)	<i>3.26</i>	<i>.023</i>
RELEASE (NORMAL)	<i>1.71</i>	<i>.015</i>	RELEASE (NORMAL)	<i>1.98</i>	<i>.014</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1		X		<i>1B shows carbon + no gap on spring</i>
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Miguel Medina
 MAINTAINER (PRINT NAME)

Juan Condo
 SIGNATURE
Miguel Medina
 SIGNATURE

9-10-17
 DATE
9/10/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

#154

RELAY NOMENCLATURE 6CTR	C.I.L. 69th St. C	RACK 4	POSITION 5G	DATE REPAIRED 08/06/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B1790294	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.73	.34
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.0	.49
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.64	.30
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	117	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

SIGNATURE

 SIGNATURE

9-20-17
 DATE
 9/20/2017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A6TR	C.I.L. 69th St. C	RACK 4	POSITION 6A	DATE REPAIRED 09/24/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B2591115	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.79	.51
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.6	.43
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.66	.27
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	117	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER


 SIGNATURE

 SIGNATURE

9/14/17
 DATE
 9/14/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE B6CTPR	C.I.L. 69TH – "C" House	RACK 4	POSITION -1A6C	DATE REPAIRED 2/4/15	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER 130002	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	2.53	.018	PICK UP (NORMAL)	2.48	.019
WORKING (NORMAL)	2.87	.021	WORKING (NORMAL)	3.05	.023
RELEASE (NORMAL)	1.29	.009	RELEASE (NORMAL)	1.40	.010
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6				
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

R. Jackson
 MAINTAINER (PRINT NAME)

M. Medina
 MAINTAINER (PRINT NAME)

PII [Redacted] SIGNATURE
 PII [Redacted] SIGNATURE

9/16/17
 DATE

9/16/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE B6TR	C.I.L. 69th St. C	RACK 4	POSITION 6E	DATE REPAIRED 01/13/1992	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B1790297	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.89	.35
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.2	.51
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.69	.26
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	117	.30
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:
NOTE: upper serial # incorrect; (New serial B0192221)

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

PH [Redacted]
 SIGNATURE
 PH [Redacted]
 SIGNATURE

9/14/17
 DATE
 9/14/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A4NUSR	C.I.L. B9th Chouse	RACK 3	POSITION 1A	DATE REPAIRED 6/3/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092151	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.96	.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.17	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			XXX	
B4			XXX	
B5			XXX	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 PII [Redacted]
 SIGNATURE
[Signature]
 PII [Redacted]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A4SVSR	C.I.L. 69th Chouse	RACK 3	POSITION 1B	DATE REPAIRED 5/30/92	DATE INSTALLED .
MODEL or TYPE. PDI	SERIAL NUMBER B2092221	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.89	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.89	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.20	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		CRACKED GLASS
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A4TNSR	C.I.L. 69th Chouse	RACK 3	POSITION 1C	DATE REPAIRED 6/11/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092 137	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.89	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.27	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.99	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		2 H 2F CARBON LIGHT
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3			✓	
B4			✓	
B5			✓	
B6		✓		CRACKED GLASS
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Suan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A-4T SSPR	C.I.L. 69th Chouse	RACK 3	POSITION 1D	DATE REPAIRED 5/28/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092163	INDEX or SPEC. 99265686	COIL (OHMS) 800	CONTACT CONFIG. 6 FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.17	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.72	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Belly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE A4TPR	C.I.L. 69th C-House	RACK 3	POSITION 1E	DATE REPAIRED 9/21/17	DATE INSTALLED
MODEL or TYPE. PP-1	SERIAL NUMBER B1392339	INDEX or SPEC. 99255180	COIL (OHMS) 200 S.P.V	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0		PICK UP (NORMAL)	6.83	.032
WORKING (NORMAL)	9.0		WORKING (NORMAL)	7.99	.038
RELEASE (NORMAL)	3.5		RELEASE (NORMAL)	3.37	.016
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1	✓			
A2	✓			
A3		✓		34, 3F carbon build up
A4	✓		X	
A5	✓			
A6			X	
A7	✓			
B1	✓	✓		5B, 3B No wipe
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/10/17
DATE
9-10-17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4NGPR	C.I.L. 69th C House	RACK 3	POSITION 1F	DATE REPAIRED 6/3/17	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092196	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.27	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.51	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		CRACKED GLASS
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
JUAN Condo
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 4BSVS PR	C.I.L. 69th Chouse	RACK 3	POSITION 16	DATE REPAIRED 5/29/12	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092144	INDEX or SPEC. 992556816	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.48	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.82	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			XX	
A5	✓			
A6			XX	
A7	✓			
B1	✓			
B2	✓			
B3			XXX	
B4			XXX	
B5			XX	
B6		✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>CON ABHR</i>	C.I.L. <i>69th C house</i>	RACK <i>3</i>	POSITION <i>1H</i>	DATE REPAIRED <i>6/2/12</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092132</i>	INDEX or SPEC. <i>992551086</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.90</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5		✓		<i>Chip on Back of Coil</i>
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		<i>Broken Glass</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Cosdo
 MAINTAINER (PRINT NAME)

PI
 SIGNATURE
 PI
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 6NGR	C.I.L. 69th Chase	RACK 3	POSITION 2A	DATE REPAIRED 5/19/12	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092044	INDEX or SPEC. 992551086	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.17	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.40	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		SF, 3H, 1H Lite Carbon
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓	✓		Cracked GLASS
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
He Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 6N6PR	C.I.L. 69th C house	RACK 3	POSITION 2B	DATE REPAIRED 5/29/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092143	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.48	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.89	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.62	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE

 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>65 AB/HR</i>	C.I.L. <i>69th C house</i>	RACK <i>3</i>	POSITION <i>2C</i>	DATE REPAIRED <i>5/30/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092093</i>	INDEX or SPEC. <i>49255680</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>LOFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.27</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.27</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>Cracked glass</i>
B7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>656R</i>	C.I.L. <i>69th C house</i>	RACK <i>3</i>	POSITION <i>2D</i>	DATE REPAIRED <i>2 MM</i>	DATE INSTALLED <i>11/3/12</i>
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>30892165</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6 FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5.8</i>	<i>.0074</i>	PICK UP (NORMAL)	<i>6.38</i>	<i>.008</i>
WORKING (NORMAL)	<i>6.9</i>	<i>.0007</i>	WORKING (NORMAL)	<i>6.96</i>	<i>.008</i>
RELEASE (NORMAL)	<i>3.7</i>	<i>.0046</i>	RELEASE (NORMAL)	<i>2.72</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>Light Carbon 1H, 1F, 3H</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Cordo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>COLR</i>	C.I.L. <i>109th C house</i>	RACK <i>3</i>	POSITION <i>26</i>	DATE REPAIRED <i>6/2/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092220</i>	INDEX or SPEC. <i>992551086</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>COB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.07</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>CRACKED GLASS</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Relly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
 PII [Redacted]
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>60NWCR</i>	C.I.L. <i>609th C House</i>	RACK <i>R3</i>	POSITION <i>2H</i>	DATE REPAIRED <i>6/4/92</i>	DATE INSTALLED <i>1</i>
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092187</i>	INDEX or SPEC. <i>992556880</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.96</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.96</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>Cracked glass</i>
B7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
JUAN Condo
 MAINTAINER (PRINT NAME)

[Signature]
 PII
 SIGNATURE
[Signature]
 PII
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>6RWC2</i>	C.I.L. <i>169th C house</i>	RACK <i>3</i>	POSITION <i>3A</i>	DATE REPAIRED <i>6/1/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092134</i>	INDEX or SPEC. <i>9955680</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>Lite CAR bonk left</i>
A4			X	
A5		✓		<i>chip back of coil</i>
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		<i>CRACKED GLASS</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Lelly Precida
 MAINTAINER (PRINT NAME)
JUAN Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>60RWCPR</i>	C.I.L. <i>69th Chouse</i>	RACK <i>3</i>	POSITION <i>3B</i>	DATE REPAIRED <i>6/2/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092133</i>	INDEX or SPEC. <i>992556816</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.37</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.37</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.72</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5		<input checked="" type="checkbox"/>		<i>Chip Back of Coil</i>
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>Cracked Glass</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida

 MAINTAINER (PRINT NAME)
Juan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/9/17

 DATE
9/9/17

 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>65MR</i>	C.I.L. <i>69th Chouse</i>	RACK <i>3</i>	POSITION <i>3C</i>	DATE REPAIRED <i>6/1/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092135</i>	INDEX or SPEC. <i>992556</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.37</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.37</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.99</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5		<input checked="" type="checkbox"/>		<i>Chip Back of Coil</i>
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 660PR	C.I.L. 69th Chouse	RACK 3	POSITION 3D	DATE REPAIRED 6/1/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 209213C	INDEX or SPEC. 992551x16	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.90	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.90	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.82	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
JUAN Condo
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/9/17
 DATE
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 60ACA1	C.I.L. 69th Chouse	RACK 3	POSITION 3E	DATE REPAIRED 5/29/12	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092142	INDEX or SPEC. 992556x	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.79	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.79	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.10	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked Glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>6 ANVSL</i>	C.I.L. <i>69th C house</i>	RACK <i>3</i>	POSITION <i>3F</i>	DATE REPAIRED <i>3/27/97</i>	DATE INSTALLED
MODEL or TYPE. <i>PD 1</i>	SERIAL NUMBER <i>B2393326</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.39</i>		PICK UP (NORMAL)	<i>7.78</i>	<i>.010</i>
WORKING (NORMAL)	<i>7.39</i>		WORKING (NORMAL)	<i>7.78</i>	<i>.010</i>
RELEASE (NORMAL)	<i>4.08</i>		RELEASE (NORMAL)	<i>3.92</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			<i>Carbon IF</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida

 MAINTAINER (PRINT NAME)
Juan Cordo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
 PII
[Signature]

 SIGNATURE

9/9/17

 DATE
9/9/17

 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 6ASVSR	C.I.L. 69th C house	RACK 3	POSITION 36	DATE REPAIRED 5/29/92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 2092140	INDEX or SPEC. 992556016	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	1.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.27	1.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.20	1.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		Carbon IF, 1H heavy Carbon debris on Bottom
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2		✓		Pitted IF Heavy
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Suan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>GATPR</i>	C.I.L. <i>60th St C-House</i>	RACK <i>3</i>	POSITION <i>3H</i>	DATE REPAIRED <i>9/23/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PP-1</i>	SERIAL NUMBER <i>B1392360</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>300 S.P.V</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9.0</i>		PICK UP (NORMAL)	<i>6.46</i>	<i>.033</i>
WORKING (NORMAL)	<i>9.0</i>		WORKING (NORMAL)	<i>7.70</i>	<i>.037</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.88</i>	<i>.018</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		<i>3H light carbon build up</i>
A4			✗	
A5	✓			
A6			✗	
A7	✓			
B1		✓		<i>1H crooked, 1B un Even fingers</i>
B2	✓			
B3			✗	
B4			✗	
B5			✗	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 PII [REDACTED] SIGNATURE
[Signature]
 PII [REDACTED] SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

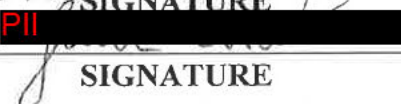
RELAY NOMENCLATURE LOBCA1	C.I.L. 69th House	RACK 3	POSITION 4A	DATE REPAIRED 6/13/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092147	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.37	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.37	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.20	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		CRACKED GLASS
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Cowdo
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

9/9/17
DATE
9/9/17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>6BTPR</i>	C.I.L. <i>69th C-Case</i>	RACK <i>3</i>	POSITION <i>4B</i>	DATE REPAIRED <i>4/21/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B1392366</i>	INDEX or SPEC. <i>99255190</i>	COIL (OHMS) <i>200 S.P.V</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9.0</i>		PICK UP (NORMAL)	<i>7.19</i>	<i>.034</i>
WORKING (NORMAL)	<i>9.0</i>		WORKING (NORMAL)	<i>7.39</i>	<i>.035</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>4.05</i>	<i>.019</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina

 MAINTAINER (PRINT NAME)
Juan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9-10-17

 DATE
9-10-17

 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 6CCA1	C.I.L. 69th C house	RACK 3	POSITION 4C	DATE REPAIRED 6/1/92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092215	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.48	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.99	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5		✓		Chip Back of Coil
A6			>	
A7	✓			
B1	✓			
B2		✓		Pitted IF
B3			X	
B4			X	
B5			X	
B6		✓		Cracked Glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procido
MAINTAINER (PRINT NAME)
JUAN Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>6C TPR</i>	C.I.L. <i>69th St C-House</i>	RACK <i>3</i>	POSITION <i>4D</i>	DATE REPAIRED <i>9/24/17</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B13 92-354</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>200 S.V.V</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9.0</i>		PICK UP (NORMAL)	<i>7.94</i>	<i>.037</i>
WORKING (NORMAL)	<i>9.0</i>		WORKING (NORMAL)	<i>7.94</i>	<i>.037</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.88</i>	<i>.018</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>Cracked glass</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>6ANWR</i>	C.I.L. <i>69th C-Hover</i>	RACK <i>3</i>	POSITION <i>4E</i>	DATE REPAIRED <i>3-31-09</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150 BM</i>	SERIAL NUMBER <i>V180705150</i>		INDEX or SPEC. <i>002 001</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>JF JB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.39</i>	<i>.0174</i>	PICK UP (NORMAL)	<i>7.35</i>	<i>.017</i>
WORKING (NORMAL)	<i>7.39</i>	<i>.0174</i>	WORKING (NORMAL)	<i>7.35</i>	<i>.017</i>
RELEASE (NORMAL)	<i>3.18</i>	<i>.0075</i>	RELEASE (NORMAL)	<i>2.99</i>	<i>.007</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>2H Carbon build up</i>
A4			✗	
A5	✓			
A6			✗	
A7	✓			
B1	✓			
B2	✓			
B3			✗	
B4			✗	
B5			✗	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina

 MAINTAINER (PRINT NAME)
Juan Conde

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/10/17

 DATE
9-10-17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>GARDWR</i>	C.I.L. <i>69th C-Howe</i>	RACK <i>3</i>	POSITION <i>46</i>	DATE REPAIRED <i>10/11/07</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150B</i>	SERIAL NUMBER <i>430600455</i>		INDEX or SPEC. <i>001</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>2F JB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.0</i>	<i>.018</i>	PICK UP (NORMAL)	<i>7.76</i>	<i>.019</i>
WORKING (NORMAL)	<i>7.0</i>	<i>.018</i>	WORKING (NORMAL)	<i>7.76</i>	<i>.019</i>
RELEASE (NORMAL)	<i>2.95</i>	<i>.0058</i>	RELEASE (NORMAL)	<i>2.40</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>1H Carbon build up</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
MAINTAINER (PRINT NAME)
Juan Conda
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/10/17
DATE
9-10-17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>613 WWR</i>	C.I.L. <i>69th st C-House</i>	RACK <i>3</i>	POSITION <i>4H</i>	DATE REPAIRED <i>3/31/09</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150BWA</i>	SERIAL NUMBER <i>U180705161</i>	INDEX or SPEC. <i>001</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>2F-2B</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.95</i>	<i>.0164</i>	PICK UP (NORMAL)	<i>6.87</i>	<i>.016</i>
WORKING (NORMAL)	<i>6.95</i>	<i>.0164</i>	WORKING (NORMAL)	<i>6.87</i>	<i>.016</i>
RELEASE (NORMAL)	<i>2.91</i>	<i>.0068</i>	RELEASE (NORMAL)	<i>2.81</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>1H, 2H carbon build up</i>
A4			✗	
A5	✓			
A6			✗	
A7	✓			
B1	✓			
B2	✓			
B3			✗	
B4			✗	
B5			✗	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

miguel medina
 MAINTAINER (PRINT NAME)
Jean Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A6 TPL</i>	C.I.L. <i>69th C-Hausen</i>	RACK <i>3</i>	POSITION <i>SC</i>	DATE REPAIRED <i>4/21/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B1392-325</i>	INDEX or SPEC. <i>29255180</i>	COIL (OHMS) <i>200 S.P.V</i>	CONTACT CONFIG. <i>GFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9.0</i>		PICK UP (NORMAL)	<i>8.19</i>	<i>.039</i>
WORKING (NORMAL)	<i>9.0</i>		WORKING (NORMAL)	<i>8.19</i>	<i>.039</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.95</i>	<i>.018</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1		✓		<i>3H light carbon build up</i>
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE B6 TPR	C.I.L. 69th C-House	RACK 3	POSITION SD	DATE REPAIRED 4/25/92	DATE INSTALLED
MODEL or TYPE. PDA	SERIAL NUMBER B1392384	INDEX or SPEC. 99255180	COIL (OHMS) 200 S.K.V	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0		PICK UP (NORMAL)	8.09	.038
WORKING (NORMAL)	9.0		WORKING (NORMAL)	8.87	.042
RELEASE (NORMAL)	3.5		RELEASE (NORMAL)	3.88	.018
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>6BRWR</i>	C.I.L. <i>69th st C-House</i>	RACK <i>3</i>	POSITION <i>5B</i>	DATE REPAIRED <i>3/31/09</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150 BWA</i>	SERIAL NUMBER <i>U250701397</i>		INDEX or SPEC. <i>001</i>	COIL (OHMS) <i>900</i>	CONTACT CONFIG. <i>2F-2B</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.68</i>	<i>.0173</i>	PICK UP (NORMAL)	<i>7.25</i>	<i>.017</i>
WORKING (NORMAL)	<i>7.38</i>	<i>.0173</i>	WORKING (NORMAL)	<i>7.25</i>	<i>.017</i>
RELEASE (NORMAL)	<i>2.89</i>	<i>.0068</i>	RELEASE (NORMAL)	<i>2.71</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>2F Carbon buildup</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

miguel medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 10LR	C.I.L. 10th Chouse	RACK 3	POSITION 5F	DATE REPAIRED 5/28/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092160	INDEX or SPEC. 992556x6	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.17	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.20	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Redacted Signature]
SIGNATURE
[Redacted Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>10NWCR</i>	C.I.L. <i>109th Chase</i>	RACK <i>3</i>	POSITION <i>56</i>	DATE REPAIRED <i>5/29/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092091</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.96</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.56</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.82</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>Light Carbon All Needs</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
JUAN CONDO
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 10RWCR	C.I.L. 69th Chouse	RACK 3	POSITION 5H	DATE REPAIRED 10/01/02	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 1793320	INDEX or SPEC. 9925568	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.84	.0089	PICK UP (NORMAL)	7.78	.0110
WORKING (NORMAL)	7.38	.0095	WORKING (NORMAL)	7.78	.0110
RELEASE (NORMAL)	4.01	.0052	RELEASE (NORMAL)	3.61	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
JUAN Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 10 RW CPR	C.I.L. 69th C house	RACK 3	POSITION 6A	DATE REPAIRED 5/26/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092168	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.87	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>10A NWR</i>	C.I.L. <i>69th C-House</i>	RACK <i>3</i>	POSITION <i>6B</i>	DATE/REPAIRED <i>9/17/07</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150 BM</i>	SERIAL NUMBER <i>430600454</i>	INDEX or SPEC. <i>001</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>2X-2B</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5.4</i>	<i>.023</i>	PICK UP (NORMAL)	<i>6.88</i>	<i>.016</i>
WORKING (NORMAL)	<i>5.4</i>	<i>.073</i>	WORKING (NORMAL)	<i>6.88</i>	<i>.016</i>
RELEASE (NORMAL)	<i>2.0</i>	<i>.009</i>	RELEASE (NORMAL)	<i>2.71</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>1H, 2H Carbon build up.</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

miguel medina

 MAINTAINER (PRINT NAME)
Juan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/10/17

 DATE
9-10-17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>10ARWR</i>	C.I.L. <i>69th C-House</i>	RACK <i>3</i>	POSITION <i>6D</i>	DATE REPAIRED <i>9/17/07</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-156 B2m</i>	SERIAL NUMBER <i>430600456</i>		INDEX or SPEC. <i>001</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>2F-2B</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>5.1</i>	<i>.022</i>	PICK UP (NORMAL)	<i>7.46</i>	<i>.018</i>
WORKING (NORMAL)	<i>5.1</i>	<i>.022</i>	WORKING (NORMAL)	<i>7.46</i>	<i>.018</i>
RELEASE (NORMAL)	<i>2.2</i>	<i>.010</i>	RELEASE (NORMAL)	<i>3.09</i>	<i>.007</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>1H, 2H Carbon build up</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>103NWR</i>	C.I.L. <i>69th C-House</i>	RACK <i>3</i>	POSITION <i>6E</i>	DATE REPAIRED <i>9/11/17</i>	DATE INSTALLED
MODEL or TYPE. <i>PW-150 BM</i>	SERIAL NUMBER <i>U180705154</i>	INDEX or SPEC. <i>001</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>2F-2B</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>4.8</i>	<i>.021</i>	PICK UP (NORMAL)	<i>6.25</i>	<i>.015</i>
WORKING (NORMAL)	<i>4.8</i>	<i>.021</i>	WORKING (NORMAL)	<i>6.25</i>	<i>.015</i>
RELEASE (NORMAL)	<i>1.9</i>	<i>.008</i>	RELEASE (NORMAL)	<i>2.71</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		<i>1H, 2H carbon build up.</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9/10/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>10B12WR</i>	C.I.L. <i>69th St C-House</i>	RACK <i>3</i>	POSITION <i>66</i>	DATE REPAIRED <i>9/13/07</i>	DATE INSTALLED
MODEL or TYPE. <i>PW-150 BM</i>	SERIAL NUMBER <i>0180705146</i>		INDEX or SPEC. <i>001</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>2F-2B</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>4.5</i>	<i>.019</i>	PICK UP (NORMAL)	<i>6.16</i>	<i>.014</i>
WORKING (NORMAL)	<i>4.5</i>	<i>.019</i>	WORKING (NORMAL)	<i>6.16</i>	<i>.014</i>
RELEASE (NORMAL)	<i>1.8</i>	<i>.008</i>	RELEASE (NORMAL)	<i>2.91</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>1H, 2H light carbon build up</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 105MR	C.I.L. 69th C House	RACK 3	POSITION 6H	DATE REPAIRED 5/28/92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 2092 / 105	INDEX or SPEC. 666255 6886	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.27	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.00	.002
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
JUAN Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/19/17
DATE
9/19/17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>9ANWk</i>	C.I.L. <i>69th C-House</i>	RACK <i>2</i>	POSITION <i>1A</i>	DATE REPAIRED <i>4/20/15</i>	DATE INSTALLED
MODEL or TYPE. <i>DW-150 Rm</i>	SERIAL NUMBER <i>130003</i>	INDEX or SPEC. <i>002</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>2F 2B</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.62</i>	<i>.0160</i>	PICK UP (NORMAL)	<i>6.57</i>	<i>.016</i>
WORKING (NORMAL)	<i>6.63</i>	<i>.0160</i>	WORKING (NORMAL)	<i>6.57</i>	<i>.016</i>
RELEASE (NORMAL)	<i>2.62</i>	<i>.0063</i>	RELEASE (NORMAL)	<i>2.51</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>2F Carbon build up</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Conda
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>9A2WR</i>	C.I.L. <i>6⁰¹th C-House</i>	RACK <i>2</i>	POSITION <i>1C</i>	DATE REPAIRED <i>4/13/15</i>	DATE INSTALLED
MODEL or TYPE. <i>PN - 150 Bm</i>	SERIAL NUMBER <i>1300007</i>	INDEX or SPEC. <i>002</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>JF JB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.92</i>	<i>.0164</i>	PICK UP (NORMAL)	<i>7.36</i>	<i>.017</i>
WORKING (NORMAL)	<i>6.92</i>	<i>.0164</i>	WORKING (NORMAL)	<i>7.36</i>	<i>.017</i>
RELEASE (NORMAL)	<i>2.58</i>	<i>.0061</i>	RELEASE (NORMAL)	<i>2.51</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>9B NWR</i>	C.I.L. <i>69th St C-House</i>	RACK <i>2</i>	POSITION <i>1D</i>	DATE REPAIRED <i>4/20/15</i>	DATE INSTALLED
MODEL or TYPE. <i>PW-150 BM</i>	SERIAL NUMBER <i>1300014</i>	INDEX or SPEC. <i>002</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>2F-2B</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.19</i>	<i>.0153</i>	PICK UP (NORMAL)	<i>6.36</i>	<i>.016</i>
WORKING (NORMAL)	<i>6.19</i>	<i>.0153</i>	WORKING (NORMAL)	<i>6.36</i>	<i>.016</i>
RELEASE (NORMAL)	<i>2.78</i>	<i>.0068</i>	RELEASE (NORMAL)	<i>2.71</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina

 MAINTAINER (PRINT NAME)
Juan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

04/10/17

 DATE
9-10-17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>9BRWR</i>	C.I.L. <i>69th - C-Harr</i>	RACK <i>2</i>	POSITION <i>1F</i>	DATE REPAIRED <i>4/14/15</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150 B1M</i>	SERIAL NUMBER <i>1300005</i>	INDEX or SPEC. <i>002</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>JF JB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.81</i>	<i>.0161</i>	PICK UP (NORMAL)	<i>7.25</i>	<i>.017</i>
WORKING (NORMAL)	<i>6.81</i>	<i>.0161</i>	WORKING (NORMAL)	<i>7.25</i>	<i>.017</i>
RELEASE (NORMAL)	<i>2.75</i>	<i>.0065</i>	RELEASE (NORMAL)	<i>2.71</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

PII 
 SIGNATURE

 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 95MR	C.I.L. 69th C House	RACK 2	POSITION 16	DATE REPAIRED 6/9/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092198	INDEX or SPEC. 99255680	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.89	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	2.07	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.40	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			XX	
A5	✓			
A6			XX	
A7	✓			
B1	✓			
B2	✓			
B3			XXX	
B4			XXX	
B5			XX	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A9NOTR	C.I.L. 69th Choose	RACK 2	POSITION 17	DATE REPAIRED 10/29/91	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B4091230	INDEX or SPEC. 99255/14	COIL (OHMS) 500	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.5		PICK UP (NORMAL)	5.27	.011
WORKING (NORMAL)	6.5		WORKING (NORMAL)	5.68	.011
RELEASE (NORMAL)	2.0		RELEASE (NORMAL)	2.41	.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Miguel
Kelly Procidis
 MAINTAINER (PRINT NAME)
JUAN Condo
 MAINTAINER (PRINT NAME)

[Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9-10-17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 8NLOPR	C.I.L. 69th Chouse	RACK 2	POSITION 2A	DATE REPAIRED 5/22/92	DATE INSTALLED
MODEL or TYPE. DD1	SERIAL NUMBER B2092070	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.89	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.17	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.99	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Suan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 8 NABHR	C.I.L. 69th C House	RACK 2	POSITION 2B	DATE REPAIRED 5/19/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092180	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.69	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.96	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.10	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			XX	
B4			XXX	
B5			XX	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Corro
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 8 NGR	C.I.L. 69th Chouse	RACK 2	POSITION 2C	DATE REPAIRED 5/8/16	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 3092093	INDEX or SPEC. 99255606	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.28		PICK UP (NORMAL)	6.17	.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.17	.008
RELEASE (NORMAL)	3.22		RELEASE (NORMAL)	2.99	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓	✓		Corrosion 5H
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked Glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Proctor
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
PII [Redacted]
SIGNATURE
[Signature]
PII [Redacted]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 8LR	C.I.L. 109th C house	RACK 2	POSITION 2E	DATE REPAIRED 6/15/12	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092206	INDEX or SPEC. 99255684	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.58	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.58	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.09	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		Corrosion ALL heels
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**


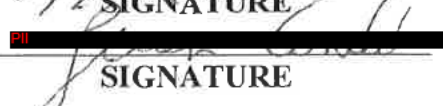
RELAY NOMENCLATURE 8CA1	C.I.L. 69th Chouse	RACK 2	POSITION 2F	DATE REPAIRED 5/21/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092176	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.48	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.96	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.51	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓	✓		4H Rivets look Don't mushroom like the others
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
JUAN Condo
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

9/9/17
DATE
9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 8NWCPR	C.I.L. 69th Chouse	RACK 2	POSITION 2G	DATE REPAIRED 5/15/17	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092054	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	10.89	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.07	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.10	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			XX	
A5	✓			
A6			XX	
A7	✓			
B1	✓			
B2	✓			
B3			XX	
B4			XX	
B5			XX	
B6		✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 8 RWCR	C.I.L. 69th Chouse	RACK 2	POSITION 2A	DATE REPAIRED 5/20/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092040	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.96	.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.27	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.09	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5		✓		Chipped on Bank of coil
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 PII [Redacted]
 SIGNATURE
[Signature]
 PII [Redacted]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>STPR</i>	C.I.L. <i>69th E-House</i>	RACK <i>2</i>	POSITION <i>3A</i>	DATE REPAIRED <i>4/22/17</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B1392362</i>		INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>200 SPV</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9.0</i>	<i>0</i>	PICK UP (NORMAL)	<i>8.40</i>	<i>.040</i>
WORKING (NORMAL)	<i>9.0</i>		WORKING (NORMAL)	<i>8.40</i>	<i>.040</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>4.24</i>	<i>.020</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		<i>cracked glass</i>
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina

 MAINTAINER (PRINT NAME)
Juan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/10/17

 DATE
9-10-17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>8NWR</i>	C.I.L. <i>69th C-House</i>	RACK <i>2</i>	POSITION <i>3B</i>	DATE REPAIRED <i>4/20/15</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150 BM</i>	SERIAL NUMBER <i>1300017</i>	INDEX or SPEC. <i>002</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>2F 2B</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.92</i>	<i>.0163</i>	PICK UP (NORMAL)	<i>7.25</i>	<i>.017</i>
WORKING (NORMAL)	<i>6.92</i>	<i>.0163</i>	WORKING (NORMAL)	<i>7.25</i>	<i>.017</i>
RELEASE (NORMAL)	<i>2.69</i>	<i>.0065</i>	RELEASE (NORMAL)	<i>2.61</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>82WR</i>	C.I.L. <i>69th C- House</i>	RACK <i>2</i>	POSITION <i>3D</i>	DATE REPAIRED <i>4/14/15</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150 BM</i>	SERIAL NUMBER <i>1300012</i>	INDEX or SPEC. <i>002</i>	COIL (OHMS) <i>500 400</i>	CONTACT CONFIG. <i>2F 2B</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.94</i>	<i>.0169</i>	PICK UP (NORMAL)	<i>7.25</i>	<i>.018</i>
WORKING (NORMAL)	<i>6.94</i>	<i>.0169</i>	WORKING (NORMAL)	<i>7.25</i>	<i>.018</i>
RELEASE (NORMAL)	<i>2.60</i>	<i>.0063</i>	RELEASE (NORMAL)	<i>2.51</i>	<i>.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3		<input checked="" type="checkbox"/>		<i>2F shows signs of corrosion</i>
A4	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Miguel Medina

 MAINTAINER (PRINT NAME)
Juan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/10/17

 DATE
9-10-17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE SSMR	C.I.L. 69th Chouse	RACK 2	POSITION 3E	DATE REPAIRED 6/1/92	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER B 2092138	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.68	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.68	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.51	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		Carbon on 4F, 4H, 6F, 6H
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 PI [Redacted]
 SIGNATURE

[Signature]
 PI [Redacted]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>A8TP</i>	C.I.L. <i>69th C-Housz</i>	RACK <i>2</i>	POSITION <i>3F</i>	DATE REPAIRED <i>4/23/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B139J361</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>200 S.P.U</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9.0</i>	<i>X</i>	PICK UP (NORMAL)	<i>8.50</i>	<i>.040</i>
WORKING (NORMAL)	<i>9.0</i>		WORKING (NORMAL)	<i>9.07</i>	<i>.043</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>4.05</i>	<i>.019</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina

 MAINTAINER (PRINT NAME)
Juan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/10/17

 DATE
9-10-17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE B8TPR	C.I.L. 69th A C-House	RACK 2	POSITION 3G	DATE REPAIRED 4/27/98	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER B1392317	INDEX or SPEC. 99255180	COIL (OHMS) 200 S.P.V	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0		PICK UP (NORMAL)	7.41	.035
WORKING (NORMAL)	9.0		WORKING (NORMAL)	7.41	.035
RELEASE (NORMAL)	3.5		RELEASE (NORMAL)	3.88	.018
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Cordo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

2/10/17
 DATE
9-10-17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE EOZR	C.I.L. 69th Chouse	RACK 2	POSITION 4C	DATE REPAIRED 5/28/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092164	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.89	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.89	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.62	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1	✓			
A2	✓			
A3		✓		Chip on back of coil; Carbon on IF
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked Glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Cordero
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE EOR	C.I.L. 69th – "C" House	RACK 2	POSITION 4B	DATE REPAIRED 6/10/97	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER B0692323	INDEX or SPEC. 99275257	COIL (OHMS) 125	CONTACT CONFIG. 4F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	2.83		PICK UP (NORMAL)	2.78	.021
WORKING (NORMAL)	2.83		WORKING (NORMAL)	2.78	.021
RELEASE (NORMAL)	1.38		RELEASE (NORMAL)	.93	.007
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7				
B1	✓			
B2	✓	✓		HEAVY CARBON, MISS ALIGNED CONTACTS, CRACKED GLASS
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

MAINTAINER (PRINT NAME) <u>Miguel Medina</u>	PII [REDACTED] SIGNATURE 	9-16-17 DATE
MAINTAINER (PRINT NAME)	[REDACTED] SIGNATURE 	9-16-17 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE MCZ	C.I.L. 69th C House	RACK 2	POSITION 4D	DATE REPAIRED 6/1/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092139	INDEX or SPEC. 9925568	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.37	.009
RELEASE (NORMAL)	2.1		RELEASE (NORMAL)	3.20	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓	✓		Chip back of coil
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			XX	
B4			XX	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE MCZP	C.I.L. 109th Chouse	RACK 2	POSITION 4E	DATE REPAIRED 6/3/92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B 2092181	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. LoFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.79	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.17	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.20	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1	✓			
A2	✓			
A3		✓		Light Carbon IH
A4			XX	
A5	✓			
A6			XX	
A7	✓			
B1	✓			
B2	✓			
B3			XXX	
B4			XXX	
B5			XXX	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Cardo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE SMZR	C.I.L. 69th Chouse	RACK 2	POSITION 4F	DATE REPAIRED 6/2/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092213	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.58	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		Carbon IF, IH, SP, 3H
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked Glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)

Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE

[Signature]
SIGNATURE

9/9/17
DATE

9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE C100POR	C.I.L. 69 th – “C” House	RACK 2	POSITION 4H	DATE REPAIRED 2-17-92	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER B0692330	INDEX or SPEC. 99275257	COIL (OHMS) 125	CONTACT CONFIG. 4F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	3.0		PICK UP (NORMAL)	2.68	.02
WORKING (NORMAL)	3.0		WORKING (NORMAL)	2.68	.02
RELEASE (NORMAL)	1.0		RELEASE (NORMAL)	1.10	.008
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			✓	
A5	✓			
A6			✓	
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

MAINTAINER (PRINT NAME) <u>Niguel Medina</u>	PII [REDACTED] [REDACTED] SIGNATURE	9-16-17 DATE
MAINTAINER (PRINT NAME)	[REDACTED] [REDACTED] SIGNATURE	9-16-17 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 8CTPR	C.I.L. 89ST "C" HOUSE	RACK 2	POSITION 5A	DATE REPAIRED 8-24-11	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B1891183	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	2.91	.021	PICK UP (NORMAL)	2.88	.020
WORKING (NORMAL)	8.12	.021	WORKING (NORMAL)	3.45	.025
RELEASE (NORMAL)	1.87	.013	RELEASE (NORMAL)	1.80	.013
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3		X		corrosion on bottom of cover
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Miguel Medina
 MAINTAINER (PRINT NAME)

[Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

9-10-17
 DATE
9/10/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 8TR	C.I.L. 69th St. C	RACK 2	POSITION 5C	DATE REPAIRED 10/17/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B3891078	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.8	.034
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	.9	.052
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.6	.02
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	122.6	.22
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

 SIGNATURE

 SIGNATURE

9-2-17
 DATE
 9/7/2017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 9 CTPR	C.I.L. 69ST "C" HOUSE	RACK 2	POSITION 5E	DATE REPAIRED 8-14-91	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER B3191331	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>MIN</i>	<i>.015</i>	PICK UP (NORMAL)	<i>3.04</i>	<i>.021</i>
WORKING (NORMAL)	<i>8-12</i>	<i>✓</i>	WORKING (NORMAL)	<i>4.02</i>	<i>.028</i>
RELEASE (NORMAL)	<i>✓</i>	<i>.008</i>	RELEASE (NORMAL)	<i>1.40</i>	<i>.010</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
MAINTAINER (PRINT NAME)
Miguel Medina
MAINTAINER (PRINT NAME)

Juan Condo
SIGNATURE
Miguel Medina
SIGNATURE

9-10-17
DATE
9/10/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 9TRA	C.I.L. 69th St. C	RACK 2	POSITION 5G	DATE REPAIRED 10/16/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B3891074	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.5	.3
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	.2	.48
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.7	.27
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	122.6	.22
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

PII [REDACTED]
 SIGNATURE
 PII [REDACTED]
 SIGNATURE

9/7/17
 DATE
 9/7/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 9TRB	C.I.L. 69th St. C	RACK 2	POSITION 5J	DATE REPAIRED 10/17/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B3891070	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.3	.33
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	.7	.46
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.7	.25
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	122.6	.22
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

PH [Redacted] [Signature]
 SIGNATURE
 PH [Redacted] [Signature]
 SIGNATURE

9/7/17
 DATE
 7/7/2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A8 CTPR	C.I.L. 695T "C" HOUSE	RACK 2	POSITION 6A	DATE REPAIRED 7-5-06	DATE INSTALLED
MODEL or TYPE. PC-250B	SERIAL NUMBER 83191312	INDEX or SPEC. 322559005	COIL (OHMS) 135	CONTACT CONFIG. 4FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	—	.019	PICK UP (NORMAL)	2.78	.020
WORKING (NORMAL)	8-12	Att none	WORKING (NORMAL)	3.35	.024
RELEASE (NORMAL)	—	.011	RELEASE (NORMAL)	1.50	.010
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3		X		Corrosion 2B contact + bottom cover carbon
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Miguel Medina
 MAINTAINER (PRINT NAME)

PII [Redacted]
 SIGNATURE
PII [Redacted]
 SIGNATURE

9-10-17
 DATE
9/10/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A8TR	C.I.L. 69th St. C	RACK 2	POSITION 6C	DATE REPAIRED 10/11/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B3891072	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.78	.35
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.1	.52
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.55	.22
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	122.6	.22
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER


 SIGNATURE

 SIGNATURE

9/7/17
 DATE
 9/7/2017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE B8 CTPR	C.I.L. 69st 'C' House	RACK 2	POSITION E 6	DATE REPAIRED 10-13-16	DATE INSTALLED
MODEL or TYPE. PC-250 B	SERIAL NUMBER B3691088	INDEX or SPEC. 322559005		COIL (OHMS) 135	CONTACT CONFIG. 4FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	2.67	.018	PICK UP (NORMAL)	2.78	.020
WORKING (NORMAL)	3.14	.021	WORKING (NORMAL)	3.46	.024
RELEASE (NORMAL)	1.57	.010	RELEASE (NORMAL)	1.20	.008
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1		X		1B contact not flush - air gap
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
MAINTAINER (PRINT NAME)
Niquel Medina
MAINTAINER (PRINT NAME)

[Redacted Signature]
SIGNATURE
[Redacted Signature]
SIGNATURE

9-10-17
DATE
9/10/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE B8TR	C.I.L. 69th St. C	RACK 2	POSITION 6G	DATE REPAIRED 10/17/1991	DATE INSTALLED
MODEL or TYPE. PV-250	SERIAL NUMBER B3891071	INDEX or SPEC. 322555010	COIL (OHMS) 37.3 / .068	CONTACT CONFIG. 6F4B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	.3	.51	PICK UP (NORMAL)	.24	.32
WORKING (NORMAL)	.43	.77	WORKING (NORMAL)	1.0	.44
RELEASE (NORMAL)	80% of P.U.		RELEASE (NORMAL)	.61	.27
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL	115	.165	LOCAL	127.6	
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓			
A5	✓			
A6	✓			
A7	✓			
B1	✓			
B2	✓			
B3	✓			
B4			✓	
B5			✓	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

T. McCall
 MAINTAINER
 E. Vanderzee
 MAINTAINER

~~T. McCall~~
 SIGNATURE
~~E. Vanderzee~~
 SIGNATURE

9/7/17
 DATE
 9/7/2017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3 NUSR	C.I.L. 69th St C House	RACK 1	POSITION 1A	DATE REPAIRED 05 28 1992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092105	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.5	0.009
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.5	0.009
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	4.1	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN
 MAINTAINER (PRINT NAME)
Peter Momot
 MAINTAINER (PRINT NAME)

~~PI~~ [Signature]
 SIGNATURE
~~PI~~ [Signature]
 SIGNATURE

09 02 2017
 DATE
09 02 2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3 SUSR	C.I.L. 69TH ST C HOUSE	RACK 1	POSITION 1B	DATE REPAIRED 05291992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092090	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	5.8	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	5.8	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.8	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3	X			
A4			X	
A5		X		CRACKED CASE
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6		X		CRACKED CASE
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Momot
 MAINTAINER (PRINT NAME)

PII [Redacted]
 SIGNATURE
[Redacted]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3 TPR	C.I.L. 69ST C HOUSE	RACK 1	POSITION 1C	DATE REPAIRED 08281997	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B1392303	INDEX or SPEC. 99255180	COIL (OHMS) 200	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.5		PICK UP (NORMAL)	7.4	0.036
WORKING (NORMAL)	7.9		WORKING (NORMAL)	7.4	0.036
RELEASE (NORMAL)	4.5		RELEASE (NORMAL)	4.8	0.024
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3		X		3F CONTACT
A4			X	
A5		X		CASE CRACKED
A6			X	
A7	X			
B1	X			
B2		X		3F CONTACT
B3	X			
B4			X	
B5			X	
B6		X		CASE CRACKED
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monot
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09 02 2017
 DATE
09 02 2017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3 TNSR	C.I.L. 69TH ST C HOUSE	RACK 1	POSITION 1D	DATE REPAIRED 02 28 1997	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2393357	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.10		PICK UP (NORMAL)	6.9	0.009
WORKING (NORMAL)	7.10		WORKING (NORMAL)	6.9	0.009
RELEASE (NORMAL)	3-5		RELEASE (NORMAL)	3-2	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3		X		CASE CRACKED
A4			X	
A5		X		1F, 2F CONTACTS
A6			X	
A7	X			
B1	X			
B2		X		CASE CRACKED
B3	X			
B4			X	
B5			X	
B6		X		1F, 2F CONTACTS
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
 MAINTAINER (PRINT NAME)
Peter Monat
 MAINTAINER (PRINT NAME)


 SIGNATURE

 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A3TSSPR	C.I.L. 69TH ST C HOUSE	RACK 1	POSITION 1E	DATE REPAIRED 06031992	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092208	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.4	0.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.4	0.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.50	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1				
A2	X			
A3		X		CASE CRACKED
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		CASE CRACKED
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN
 MAINTAINER (PRINT NAME)
Peter Momet
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>3 SVS PR</i>	C.I.L. <i>69th St C House</i>	RACK <i>1</i>	POSITION <i>1F</i>	DATE REPAIRED <i>06041992</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092219</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>	-	PICK UP (NORMAL)	<i>7.0</i>	<i>0.009</i>
WORKING (NORMAL)	<i>8.0</i>	-	WORKING (NORMAL)	<i>7.0</i>	<i>0.009</i>
RELEASE (NORMAL)	<i>2.4</i>	-	RELEASE (NORMAL)	<i>4.2</i>	<i>0.006</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1		X		
A2	X			
A3		X		<i>CASE CRACKED</i>
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2		X		<i>CASE CRACKED</i>
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN
 MAINTAINER (PRINT NAME)
Peter Monot
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 3TPAR	C.I.L. 69TH ST CHOUSE	RACK 1	POSITION 1G	DATE REPAIRED 06041992	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092193	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.4	0.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	6.4	0.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	4.3	0.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1		X		
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMAN
 MAINTAINER (PRINT NAME)
Peter Monot
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

09022017
 DATE
09022017
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 3NGRR	C.I.L. 69TH ST CHOUSE	RACK 1	POSITION 1H	DATE REPAIRED 06021992	DATE INSTALLED
MODEL or TYPE. FD1	SERIAL NUMBER B 2092096	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0	-	PICK UP (NORMAL)	6.2	0.008
WORKING (NORMAL)	8.0	-	WORKING (NORMAL)	6.2	0.008
RELEASE (NORMAL)	2.4	-	RELEASE (NORMAL)	3.4	0.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1				
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3	X			
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10			X	
B11	X			

REMARKS:

MARK REDMANN
MAINTAINER (PRINT NAME)
Peter Momot
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

09022017
DATE
09022017
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>7NABHR</i>	C.I.L. <i>C house 69th</i>	RACK <i>1</i>	POSITION <i>2A</i>	DATE REPAIRED <i>6/3/92</i>	DATE INSTALLED
MODEL or TYPE. <i>800 PDI</i>	SERIAL NUMBER <i>B2092189</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>CoFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>6.6</i>	<i>.008</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>6.8</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.40</i>		RELEASE (NORMAL)	<i>3.1</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

PII [REDACTED]
 SIGNATURE
PII [REDACTED]
 SIGNATURE

9/9/2017
 DATE
9-9-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 7N6R	C.I.L. 69th C House	RACK 1	POSITION 2B	DATE REPAIRED 2/20/97	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2393327	INDEX or SPEC. 9925510810	COIL (OHMS) 800	CONTACT CONFIG. 6F6B	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.84		PICK UP (NORMAL)	8.1	8.1 .010
WORKING (NORMAL)	7.84		WORKING (NORMAL)	8.1	.010
RELEASE (NORMAL)	3.81		RELEASE (NORMAL)	3.8	.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
PASS	FAIL	N/A		
A1	✓			
A2	✓			
A3	✓	✓		Carbon on the Bottom
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2		✓		Contact 5H, 1H
B3			X	
B4			X	
B5			X	
B6		✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Conda
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9-9-17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 7 NOTR	C.I.L. 69th Chase	RACK 1	POSITION 2D	DATE REPAIRED 10-31-91	DATE INSTALLED 10-31-91
MODEL or TYPE. PD 1	SERIAL NUMBER B 4091228	INDEX or SPEC. 99255114	COIL (OHMS) 500	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.5		PICK UP (NORMAL)	5.89	.011
WORKING (NORMAL)	6.5		WORKING (NORMAL)	5.69	.011
RELEASE (NORMAL)	2.0		RELEASE (NORMAL)	2.72	.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Juan Condo
~~*Holly Procida*~~
 MAINTAINER (PRINT NAME)
 JUAN CONDO
 MAINTAINER (PRINT NAME)

~~PII~~
 SIGNATURE
~~PII~~
 SIGNATURE

9-10-17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 7NWCR	C.I.L. 109th Chouse	RACK 1	POSITION 2E	DATE REPAIRED 6/5/92	DATE INSTALLED
MODEL or TYPE. PO1	SERIAL NUMBER B2092212	INDEX or SPEC. 99255886	COFL (OHMS) 500	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.9	.008
WORKING (NORMAL)	5		WORKING (NORMAL)	7.2	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.2	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		GLASS CRACKED
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procidan
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

SIGNATURE

SIGNATURE

9/9/17
DATE
9-9-17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>2 RWCR</i>	C.I.L. <i>109th C House</i>	RACK <i>1</i>	POSITION <i>2F</i>	DATE REPAIRED <i>6/5/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092201</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>CFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>7.1</i>	<i>.009</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>7.1</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>2.7</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>Cracked Glass</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida

 MAINTAINER (PRINT NAME)
Sean Condo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/9/17

 DATE
9-9-17

 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 7LR	C.I.L. 69th chouse	RACK 1	POSITION 26	DATE REPAIRED 6/1/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092216	INDEX or SPEC. 992551026	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.9	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.3	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.2	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Billy Procede
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 75ABHR	C.I.L. 69th c house	RACK 1	POSITION 2H	DATE REPAIRED 5/22/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092171	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.8	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.3	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.2	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**



RELAY NOMENCLATURE 756R	C.I.L. 64th Chouse	RACK 1	POSITION 3A	DATE REPAIRED 5/20/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092178	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 3FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.9	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.8	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.4	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2		✓		Carbon 1#, 3H,
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
JUAN Condo
MAINTAINER (PRINT NAME)

PII 
SIGNATURE
PII 
SIGNATURE

9/9/17
DATE
9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 75 LOPR	C.I.L. 69st C-House	RACK 1	POSITION 3D	DATE REPAIRED 4-22-92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B1392389	INDEX or SPEC. 99255130	COIL (OHMS) 200 S.P.U	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0		PICK UP (NORMAL)	8.69	.042
WORKING (NORMAL)	9.0		WORKING (NORMAL)	8.69	.042
RELEASE (NORMAL)	3.5		RELEASE (NORMAL)	3.58	.017
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3			X	
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

JUAN Condo
 MAINTAINER (PRINT NAME)
JUAN Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9-10-17
 DATE
9-10-17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE TACA1	C.I.L. 69th Chouse	RACK 1	POSITION 3E	DATE REPAIRED 5/18/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092047	INDEX or SPEC. 99255Le86	COIL (OHMS) 800	CONTACT CONFIG. BFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.1	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.3	.009
RELEASE (NORMAL)	2.1		RELEASE (NORMAL)	3.6	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5		✓		missing C clip, small crack on back of coil
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked Glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
JUAN Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9-9-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 7ANVSR	C.I.L. 109th Chase	RACK 1	POSITION 3F	DATE REPAIRED 5/21/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092174	INDEX or SPEC. 992556800	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8.0		PICK UP (NORMAL)	6.58	.008
WORKING (NORMAL)	8.0		WORKING (NORMAL)	7.37	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.10	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		Carbon IH
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Prociada
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>7ASVSR</i>	C.I.L. <i>69th Chase</i>	RACK <i>1</i>	POSITION <i>36</i>	DATE REPAIRED <i>2/25/97</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>2393537</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.44</i>		PICK UP (NORMAL)	<i>7.48</i>	<i>.009</i>
WORKING (NORMAL)	<i>7.44</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>3.94</i>		RELEASE (NORMAL)	<i>3.99</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<i>Carbon on IF</i>
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>Cracked glass</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 7ATPR	C.I.L. 69th C. House.	RACK 1	POSITION 3H	DATE REPAIRED 4-23-92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B1392346	INDEX or SPEC. 99255180	COIL (OHMS) 200 S.P.U	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0		PICK UP (NORMAL)	6.90	.033
WORKING (NORMAL)	9.0		WORKING (NORMAL)	6.90	.033
RELEASE (NORMAL)	3.5		RELEASE (NORMAL)	3.48	.016
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3	X	X		2H lite carbon
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3			X	
B4			X	
B5			X	
B6	X	X		Cracked glass
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9-10-17
DATE
9-10-17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 7BCA1	C.I.L. 69th Chouse	RACK 1	POSITION 4A	DATE REPAIRED 5/18/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092122		INDEX or SPEC. 992556x6	COIL(OHMS) 800	CONTACT CONFIG. 6FB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.79	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.89	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.99	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5		✓		Small Chip on Back of Coil
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		CRACKED GLASS
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Proccida
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
PII [Redacted]
SIGNATURE
[Signature]
PII [Redacted]
SIGNATURE

9/9/17
DATE

DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 7B NUSR	C.I.L. 69th Chouse	RACK 1	POSITION 4B	DATE REPAIRED 2/24/97	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER 32393325	INDEX or SPEC. 99255626	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	7.33		PICK UP (NORMAL)	7.48	.009
WORKING (NORMAL)	7.33		WORKING (NORMAL)	7.48	.009
RELEASE (NORMAL)	3.84		RELEASE (NORMAL)	3.81	.005
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		Carbon IF, IH
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6				CRACKED GLASS
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 7BSVSR	C.I.L. 69th C house	RACK 1	POSITION 4C	DATE REPAIRED 5/15/92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092053	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. LOFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.17	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.40	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3		✓		Carbon IH, IF Carbon particles in Bottom
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 7BTPR	C.I.L. 69.5T C HOUSE	RACK 1	POSITION 4D	DATE REPAIRED 4-22-92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B1392349	INDEX or SPEC. 99255130	COIL (OHMS) 200 S.P.U	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0		PICK UP (NORMAL)	6.53	.031
WORKING (NORMAL)	9.0		WORKING (NORMAL)	6.53	.031
RELEASE (NORMAL)	3.5		RELEASE (NORMAL)	3.48	.016
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	X			
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3			X	
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

PII [Redacted Signature]
 SIGNATURE
[Redacted Signature]
 SIGNATURE

9-10-17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 7CCA1	C.I.L. 69th Chouse	RACK 1	POSITION 4E	DATE REPAIRED 6/5/92	DATE INSTALLED
MODEL or TYPE. PO1	SERIAL NUMBER B2092197		INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. COFB

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.07	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.07	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.10	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>Corrosion light all heels</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			XX	
B4			XX	
B5			XX	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida

MAINTAINER (PRINT NAME)

Juan Condo

MAINTAINER (PRINT NAME)

PII

SIGNATURE

9/9/17

DATE

PII

SIGNATURE

9/9/17

DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>7CTPR</i>	C.I.L. <i>69th C-House</i>	RACK <i>1</i>	POSITION <i>4F</i>	DATE REPAIRED <i>4/23/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD-1</i>	SERIAL NUMBER <i>B1392359</i>	INDEX or SPEC. <i>89255180</i>	COIL (OHMS) <i>200 S.P.V</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9.0</i>		PICK UP (NORMAL)	<i>8.49</i>	<i>.040</i>
WORKING (NORMAL)	<i>9.0</i>		WORKING (NORMAL)	<i>8.49</i>	<i>.040</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>4.15</i>	<i>.019</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>5F light carbon</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina

 MAINTAINER (PRINT NAME)
Juan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/10/17

 DATE
9-10-17

 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>7NWR</i>	C.I.L. <i>69th St C-House</i>	RACK <i>1</i>	POSITION <i>46</i>	DATE REPAIRED <i>3/26/09</i>	DATE INSTALLED
MODEL or TYPE. <i>PN - 150 DM</i>	SERIAL NUMBER <i>490601551</i>	INDEX or SPEC. <i>001</i>	COIL (OHMS) <i>400</i>	CONTACT CONFIG. <i>2F, 2B</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.0</i>	<i>.0167</i>	PICK UP (NORMAL)	<i>6.77</i>	<i>.016</i>
WORKING (NORMAL)	<i>7.0</i>	<i>.0167</i>	WORKING (NORMAL)	<i>6.77</i>	<i>.016</i>
RELEASE (NORMAL)	<i>3.29</i>	<i>.0076</i>	RELEASE (NORMAL)	<i>3.09</i>	<i>.007</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>1H, 2H light carbon build up</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina

 MAINTAINER (PRINT NAME)
Juan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 PII SIGNATURE
[Signature]

 PII SIGNATURE

9/10/17

 DATE
9-10-17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>72WR</i>	C.I.L. <i>69th C-House</i>	RACK <i>1</i>	POSITION <i>SA</i>	DATE REPAIRED <i>3/31/09</i>	DATE INSTALLED
MODEL or TYPE. <i>PN-150 BM</i>	SERIAL NUMBER <i>U250701393</i>		INDEX or SPEC. <i>001</i>	COIL (OHMS) <i>900</i>	CONTACT CONFIG. <i>2F-2B</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>6.25</i>	<i>.0155</i>	PICK UP (NORMAL)	<i>6.36</i>	<i>.015</i>
WORKING (NORMAL)	<i>6.25</i>	<i>.0155</i>	WORKING (NORMAL)	<i>6.36</i>	<i>.015</i>
RELEASE (NORMAL)	<i>2.99</i>	<i>.0058</i>	RELEASE (NORMAL)	<i>2.30</i>	<i>.005</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>1H, 2H light carbon buildup</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>75MR</i>	C.I.L. <i>69th house</i>	RACK <i>1</i>	POSITION <i>5B</i>	DATE REPAIRED <i>6/4/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092 214</i>		INDEX or SPEC. <i>99255</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.96</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>6.96</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE A7 TPR	C.I.L. 69th C^o House	RACK 1	POSITION 5C	DATE REPAIRED 4-24-92	DATE INSTALLED
MODEL or TYPE. PD-1	SERIAL NUMBER B1392337	INDEX or SPEC. 99255180	COIL (OHMS) 200 S.P.U	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	9.0		PICK UP (NORMAL)	7.51	.036
WORKING (NORMAL)	9.0		WORKING (NORMAL)	7.51	.036
RELEASE (NORMAL)	3.5		RELEASE (NORMAL)	3.78	.018
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4	✓		X	
A5	✓			
A6	✓		X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

[Signature]
 MAINTAINER (PRINT NAME)
[Signature]
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
 9-10-17
 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE B7TPR	C.I.L. 69th St C-Case	RACK 1	POSITION 5D	DATE REPAIRED 4/27/17	DATE INSTALLED
MODEL or TYPE. PO1	SERIAL NUMBER B1392372	INDEX or SPEC. 99255180	COIL (OHMS) 200 S.P.V	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	4.0		PICK UP (NORMAL)	7.82	.037
WORKING (NORMAL)	9.0		WORKING (NORMAL)	8.40	.040
RELEASE (NORMAL)	3.5		RELEASE (NORMAL)	3.68	.017
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4	✓		X	
A5	✓			
A6	✓		X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/10/17
 DATE
9-10-17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>9NAB4R</i>	C.I.L. <i>69th C house</i>	RACK <i>1</i>	POSITION <i>5F</i>	DATE REPAIRED <i>5/20/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B2092064</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8.0</i>		PICK UP (NORMAL)	<i>7.37</i>	<i>.009</i>
WORKING (NORMAL)	<i>8.0</i>		WORKING (NORMAL)	<i>7.37</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.10</i>	<i>.003</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6		<input checked="" type="checkbox"/>		<i>CRACKED GLASS</i>
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida

 MAINTAINER (PRINT NAME)
Suan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 SIGNATURE
[Signature]

 SIGNATURE

9/9/17

 DATE
9/9/17

 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 9N6R	C.I.L. 6th Chouse	RACK 1	POSITION 56	DATE REPAIRED 5/18/92	DATE INSTALLED
MODEL or TYPE. PD1	SERIAL NUMBER B2092046	INDEX or SPEC. 99255688	COIL (OHMS) 800	CONTACT CONFIG. CoFB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.17	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	7.17	.008
RELEASE (NORMAL)	24		RELEASE (NORMAL)	3.51	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked Glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procido
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>9CA1</i>	C.I.L. <i>69th Chouse</i>	RACK <i>1</i>	POSITION <i>514</i>	DATE REPAIRED <i>6/4/12</i>	DATE INSTALLED
MODEL or TYPE. <i>PD1</i>	SERIAL NUMBER <i>B2092184</i>	INDEX or SPEC. <i>992556x6</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>COFB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>7.17</i>	<i>.009</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.17</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.61</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 9 NOTR	C.I.L. 69th Chase	RACK 1	POSITION 6A	DATE REPAIRED 11-1-91	DATE INSTALLED
MODEL or TYPE. FD1	SERIAL NUMBER B 4091235	INDEX or SPEC. 99255114	COIL (OHMS) 500	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	6.5		PICK UP (NORMAL)	5.58	.011
WORKING (NORMAL)	6.5		WORKING (NORMAL)	5.58	.011
RELEASE (NORMAL)	2.0		RELEASE (NORMAL)	3.19	.006
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	X			
A2	X			
A3	X			
A4			X	
A5	X			
A6			X	
A7	X			
B1	X			
B2	X			
B3			X	
B4			X	
B5			X	
B6	X			
B7	X			
B8	X			
B9	X			
B10	X			
B11	X			

REMARKS:

Juan Condo
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)


SIGNATURE

SIGNATURE

9-10-17
DATE
9-10-17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>9NUSR</i>	C.I.L. <i>69th Chouse</i>	RACK <i>1</i>	POSITION <i>6B</i>	DATE REPAIRED <i>12/19/97</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2393342</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>7.26</i>		PICK UP (NORMAL)	<i>7.07</i>	<i>.008</i>
WORKING (NORMAL)	<i>7.20</i>		WORKING (NORMAL)	<i>7.58</i>	<i>.009</i>
RELEASE (NORMAL)	<i>4</i>		RELEASE (NORMAL)	<i>3.81</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				
	PASS	FAIL	N/A	REMARKS
A1	✓			
A2	✓			
A3	✓	✓		<i>Heavy Carbon 3F</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2		✓		<i>3F Burnt</i>
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Prociada
MAINTAINER (PRINT NAME)

MAINTAINER (PRINT NAME)

[Signature]
PI [Redacted]
SIGNATURE

[Signature]
PI [Redacted]
SIGNATURE

9/9/17
DATE

9/9/17
DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE <i>95 VSR</i>	C.I.L. <i>69th Chouse</i>	RACK <i>1</i>	POSITION <i>60C</i>	DATE REPAIRED <i>5/29/94</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092 141</i>	INDEX or SPEC. <i>99255686</i>	COIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.96</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.48</i>	<i>.009</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.20</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida

 MAINTAINER (PRINT NAME)
Justin Cosco

 MAINTAINER (PRINT NAME)

 SIGNATURE

 SIGNATURE

9/9/17

 DATE
9/9/17

 DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION – C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE 9NWCR	C.I.L. 69th Chouse	RACK 1	POSITION CoD	DATE REPAIRED 5/20/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B 2092179	INDEX or SPEC. 99255680	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.58	.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.96	.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.82	.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK – TEST # 4 – METHOD – PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked glass
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
JUAN Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE

SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>9RWR</i>	C.I.L. <i>69th Chouse</i>	RACK <i>1</i>	POSITION <i>6E</i>	DATE REPAIRED <i>6/9/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PDI</i>	SERIAL NUMBER <i>B 2092207</i>	INDEX or SPEC. <i>99255686</i>	CDIL (OHMS) <i>800</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>8</i>		PICK UP (NORMAL)	<i>6.75</i>	<i>.008</i>
WORKING (NORMAL)	<i>8</i>		WORKING (NORMAL)	<i>7.07</i>	<i>.008</i>
RELEASE (NORMAL)	<i>2.4</i>		RELEASE (NORMAL)	<i>3.30</i>	<i>.004</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	<input checked="" type="checkbox"/>			
A2	<input checked="" type="checkbox"/>			
A3	<input checked="" type="checkbox"/>			
A4			<input checked="" type="checkbox"/>	
A5	<input checked="" type="checkbox"/>			
A6			<input checked="" type="checkbox"/>	
A7	<input checked="" type="checkbox"/>			
B1	<input checked="" type="checkbox"/>			
B2	<input checked="" type="checkbox"/>			
B3			<input checked="" type="checkbox"/>	
B4			<input checked="" type="checkbox"/>	
B5			<input checked="" type="checkbox"/>	
B6	<input checked="" type="checkbox"/>			
B7	<input checked="" type="checkbox"/>			
B8	<input checked="" type="checkbox"/>			
B9	<input checked="" type="checkbox"/>			
B10	<input checked="" type="checkbox"/>			
B11	<input checked="" type="checkbox"/>			

REMARKS:

Kelly Procida
 MAINTAINER (PRINT NAME)
Juan Condo
 MAINTAINER (PRINT NAME)

[Signature]
 SIGNATURE
[Signature]
 SIGNATURE

9/9/17
 DATE
9/9/17
 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 9LR	C.I.L. 109th Chouse	RACK 1	POSITION 6F	DATE REPAIRED 6/3/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092150	INDEX or SPEC. 99255686	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	6.58	1.008
WORKING (NORMAL)	8		WORKING (NORMAL)	6.58	1.008
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	2.51	1.003
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6		✓		Cracked GLASS
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
PII SIGNATURE
[Signature]
PII SIGNATURE

9/9/17
DATE
9/9/17
DATE



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS

RELAY NOMENCLATURE <i>9TPR</i>	C.I.L. <i>69th St C-House</i>	RACK <i>1</i>	POSITION <i>66</i>	DATE REPAIRED <i>4/23/92</i>	DATE INSTALLED
MODEL or TYPE. <i>PD.1</i>	SERIAL NUMBER <i>B1392333</i>	INDEX or SPEC. <i>99255180</i>	COIL (OHMS) <i>200 S.P.U</i>	CONTACT CONFIG. <i>6FB</i>	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	<i>9.0</i>		PICK UP (NORMAL)	<i>7.50</i>	<i>.037</i>
WORKING (NORMAL)	<i>9.0</i>		WORKING (NORMAL)	<i>7.81</i>	<i>.039</i>
RELEASE (NORMAL)	<i>3.5</i>		RELEASE (NORMAL)	<i>3.95</i>	<i>.019</i>
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3		✓		<i>2# high carbon build up.</i>
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			X	
B4			X	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Miguel Medina

 MAINTAINER (PRINT NAME)
Juan Condo

 MAINTAINER (PRINT NAME)

[Signature]

 PII SIGNATURE
[Signature]

 PII SIGNATURE

9/10/17

 DATE
9-10-17

 DATE



**SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY
SUBURBAN TRANSIT DIVISION - C&S TEST # 4 - RELAYS**

RELAY NOMENCLATURE 7XNLOPR	C.I.L. 69th Chase	RACK 1	POSITION 6H	DATE REPAIRED 6/5/92	DATE INSTALLED
MODEL or TYPE. PDI	SERIAL NUMBER B2092205	INDEX or SPEC. 992556K	COIL (OHMS) 800	CONTACT CONFIG. 6FB	

SHOP STICKER VALUES			FIELD TEST VALUES		
	VOLTS	AMPS		VOLTS	AMPS
PICK UP (NORMAL)	8		PICK UP (NORMAL)	7.27	.009
WORKING (NORMAL)	8		WORKING (NORMAL)	7.27	.009
RELEASE (NORMAL)	2.4		RELEASE (NORMAL)	3.30	.004
POLAR (NORMAL)			POLAR (NORMAL)		
POLAR (REVERSE)			POLAR (REVERSE)		
LOCAL			LOCAL		
PICK UP (REVERSE)			PICK UP (REVERSE)		
WORKING (REVERSE)			WORKING (REVERSE)		
RELEASE (REVERSE)			RELEASE (REVERSE)		

VISUAL INSPECTION (REFER TO C&S-2 TEST BOOK - TEST # 4 - METHOD - PAGES 7, 8 & 9)				REMARKS
	PASS	FAIL	N/A	
A1	✓			
A2	✓			
A3	✓			
A4			X	
A5	✓			
A6			X	
A7	✓			
B1	✓			
B2	✓			
B3			XX	
B4			XX	
B5			X	
B6	✓			
B7	✓			
B8	✓			
B9	✓			
B10	✓			
B11	✓			

REMARKS:

Kelly Procida
MAINTAINER (PRINT NAME)
Juan Condo
MAINTAINER (PRINT NAME)

[Signature]
SIGNATURE
[Signature]
SIGNATURE

9/9/17
DATE
9/9/17
DATE