



ADDENDUM #1

DATE: May 20, 2021
OWNER: City of Clayton, Missouri
10 N. Bemiston Ave.
Clayton, Missouri 63105
SUBJECT: Addendum #1
Flashing Yellow Arrow Signalization Improv. CMAQ-5438(614)
Project No. 2020.PW.45.070

This Addendum forms a part of the Bidding and Contract Documents and modifies the Plans, Specifications, and Bidding Documents. **FAILURE TO ACKNOWLEDGE RECEIPT OF ADDENDUM MAY SUBJECT BIDDER TO DISQUALIFICATION.** Any modification of the work or additional work that the bidder may be required to perform by reasons of this addendum shall be included. All work under this addendum shall be governed by the main specification for such work.

ITEM:

1) CLARIFICATIONS/QUESTIONS:

- a) A question was received related to the "8 POSITION TS1 LOADBAY" pay item. A request was made for the existing cabinet manufacturers and wiring diagrams for each cabinet requiring this item. Attached is a signal inventory identifying the cabinets as "Brown Traffic" cabinets and the most recent pictures on file for the wiring diagrams. We believe this information to reasonably accurate, but will need to be field verified.

END ADDENDUM #1

Addendum #1 - Exhibit A

Traffic Signal Cabinet Equipment Inventory Clayton, MO				
Route		Intersecting Route		
Maryland Avenue		Gay Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		
Conflict Monitor	EDI	NSM-12		
Detectors	EDI	PS-1.2 Power Supply		
Preemption	Sensys	CC & EX Cards		
Battery Backup				
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	Brown Traffic			12/1/1987
Cabinet Power Supply				
Maryland Avenue		Topton Way		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		
Conflict Monitor	EDI	SSM LE-C		
Detectors	EDI	PS-1.2 Power Supply		
Preemption	Sensys	CC Card		
Battery Backup				
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	Brown Traffic			11/1/1987
Cabinet Power Supply				
Maryland Avenue		Forsyth Boulevard		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		
Conflict Monitor	EDI	SSM12LE-C		
Detectors	EDI	PS-1.2 Power Supply		
Preemption	Sensys	CC & EX Cards		
Battery Backup	Tomar	TE148A		
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	GE	RS232		
Cabinet Power Supply	Brown Traffic			3/21/1996
Maryland Avenue		Brentwood Boulevard		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		
Conflict Monitor	EDI	SSM12LE-C		
Detectors	EDI	PS-1.2 Power Supply		
Preemption	Sensys	CC Card		
Battery Backup				
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	Brown Traffic			9/1/1987
Cabinet Power Supply				
Maryland Avenue		Meramec Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		
Conflict Monitor	EDI	SSM12LE-C		
Detectors	EDI	PS-1.2 Power Supply		
Preemption	Sensys	CC & EX Cards		
Battery Backup				
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	Brown Traffic			9/1/1988
Cabinet Power Supply				
Maryland Avenue		Central Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		
Conflict Monitor	EDI	SSM6LE-C		
Detectors				
Preemption				
Battery Backup				
Fiber Switch				
Cabinet	Brown Traffic			11/1/1987
Cabinet Power Supply				

Maryland Avenue		Bemiston Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		11/1/1987
Conflict Monitor	EDI	SSM6LE-C		
Detectors	EDI	PS-1.2 Power Supply		
Preemption	Sensys	CC Card		
Battery Backup				
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	Brown Traffic			
Cabinet Power Supply				
Forsyth Avenue		Bemiston Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M52 (Master/Controller)		N/A
Conflict Monitor	EDI	SSM6LE-C		
Detectors	EDI	PS-1.2 Power Supply		
Preemption	Sensys	CC & EX Cards		
Battery Backup				
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	Brown Traffic			
Cabinet Power Supply				
Forsyth Avenue		Central Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		10/1/1989
Conflict Monitor	EDI	SSM6LE-C		
Detectors				
Preemption	Tomar	TE148A		
Battery Backup				
Fiber Switch				
Cabinet	Brown Traffic			
Cabinet Power Supply				
Forsyth Avenue		Meramec Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		1/4/1996
Conflict Monitor	EDI	SSM6LE-C		
Detectors				
Preemption	Tomar	TE148A		
Battery Backup				
Fiber Switch	GE	RS232		
Cabinet	Brown Traffic			
Cabinet Power Supply				
Forsyth Avenue		Brentwood Boulevard		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		12/1/1987
Conflict Monitor	EDI	SSM12LE-C		
Detectors	EDI	PS-1.2 Power Supply		
Preemption	Sensys	CC Card		
Battery Backup	Tomar	TE148A		
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	Brown Traffic			
Cabinet Power Supply				

Forsyth Avenue		Lee Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller Conflict Monitor Detectors Preemption Battery Backup Fiber Switch Cabinet Cabinet Power Supply	Eagle EDI EDI Sensys Garrett Com Brown Traffic	EPAC M42 SSM6LE-C PS-2.4 Power Supply CC Card Magnum ES42		11/1/1987
Forsyth Avenue		Jackson Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller Conflict Monitor Detectors Preemption Battery Backup Fiber Switch Cabinet Cabinet Power Supply	Eagle EDI Detector Systems Sensys Garrett Com Brown Traffic	EPAC M42 NSM-6 204 Power Supply CC & EX Cards Magnum ES42		11/1/1987
Forsyth Avenue		Wallace Drive		
	Manufacturer	Model	Serial #	Install Date
Signal Controller Conflict Monitor Detectors Preemption Battery Backup Fiber Switch Cabinet Cabinet Power Supply	Eagle EDI EDI Sensys Autoscope Alpha IFS Brown Traffic	EPAC M42 SSM-12LEC PS-1.2 Power Supply APCC & EX Cards Solo Mini-Hub II 1000TP VT7430		9/1/1988
Brentwood Boulevard		Carondelet Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller Conflict Monitor Detectors Preemption Battery Backup Fiber Switch Cabinet Cabinet Power Supply	Eagle EDI Autoscope Tomar Brown Traffic Eagle	EPAC M42 NSM-12 Solo Mini-Hub II TE148A CPS102		10/24/2002
Brentwood Boulevard		Bonhomme Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller Conflict Monitor Detectors Preemption Battery Backup Fiber Switch Cabinet Cabinet Power Supply	Eagle EDI EDI Sensys Tomar Garrett Com Garrett Com IFS Brown Traffic	EPAC M42 SSM 12LE-C PS-1.2 Power Supply APCC Card TE148A Magnum 14EH Magnum ES42 DT4010		9/1/1988

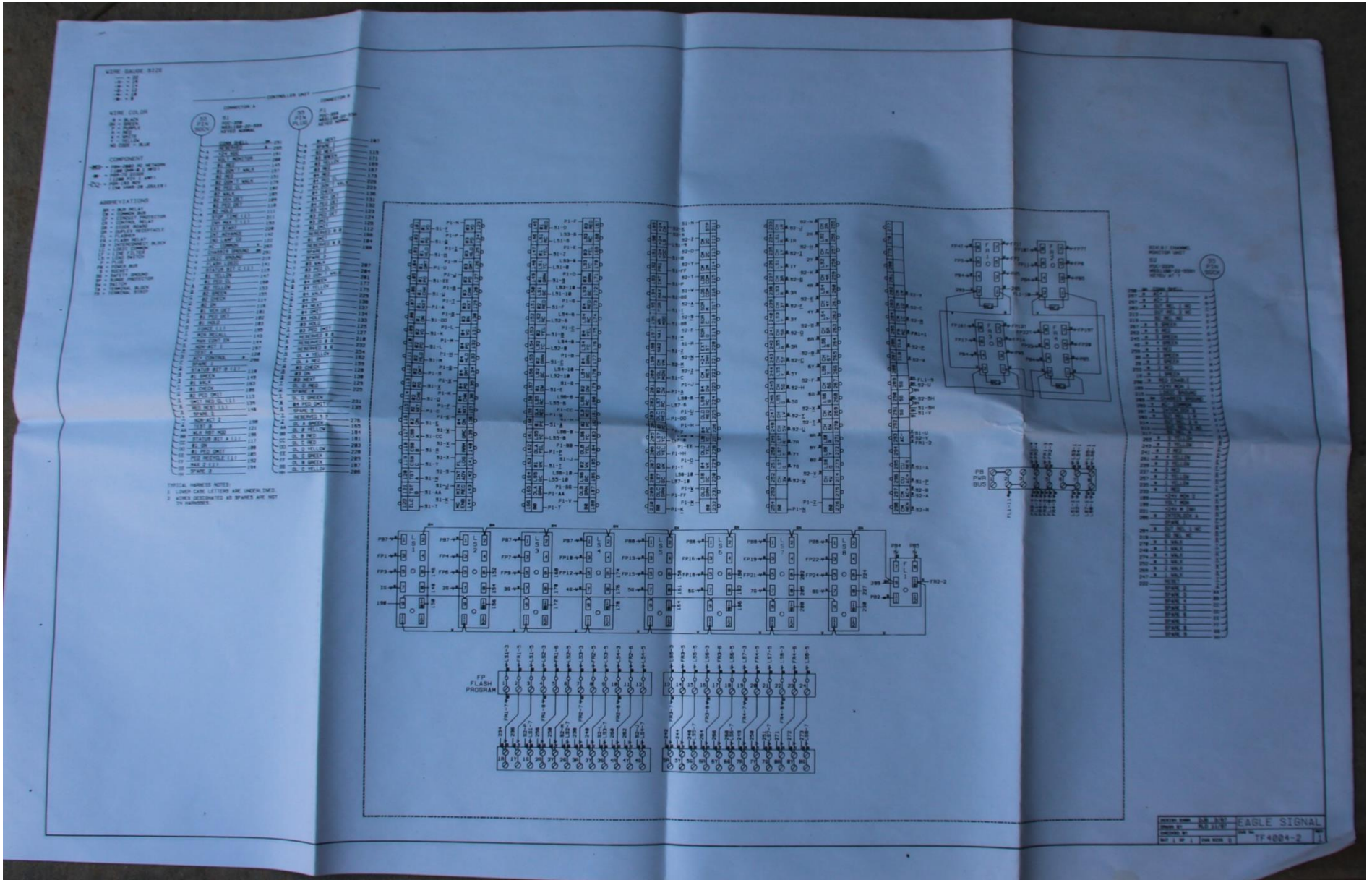
Brentwood Boulevard		Walinca Drive/Shaw Park Drive		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		
Conflict Monitor	EDI	SSM-12LEC		
Detectors	EDI	PS-1.2 Power Supply		
	Autoscope	Solo Mini-Hub II		
Preemption	Tomar	TE148A		
Battery Backup	Alpha	Novus 1000 TP		
Fiber Switch	IFS	VT7430		
	IFS	VT230		
	GE	RS232		
	GE	RS232		
Cabinet	Brown Traffic			6/14/2005
Cabinet Power Supply				
Brentwood Boulevard		Orlando Drive		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M52		
Conflict Monitor	EDI	SSM-12LEC		
Detectors	EDI	PS-1.2 Power Supply		
	Autoscope	Solo Mini-Hub II		
Preemption				
Battery Backup	Alpha	FXM1100		
Fiber Switch	IFS	VT7430		
	IFS	RS232		
Cabinet Power Supply				
Cabinet	Brown Traffic			8/9/2005
CCTV Camera Switch	Pelco			
Brentwood Boulevard		Daytona Drive		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M52		
Conflict Monitor	EDI	SSM-12LEip		
Detectors	EDI	PS-1.2 Power Supply		
	Sensys	CC Card		
Preemption				
Battery Backup				
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	Brown Traffic			12/1/1987
Cabinet Power Supply				
Bonhomme Avenue		Meramec Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		
Conflict Monitor	EDI	SSM6LE-C		
Detectors				
Preemption				
Battery Backup				
Fiber Switch				
Cabinet	Brown Traffic			11/1/1987
Cabinet Power Supply				
Bonhomme Avenue		Central Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		
Conflict Monitor	EDI	SSM12LE-C		
Detectors	EDI	PS-1.2 Power Supply		
	Sensys	CC Card		
Preemption				
Battery Backup				
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	Brown Traffic			12/1/1987
Cabinet Power Supply				
Bonhomme Avenue		Bemiston Avenue		
	Manufacturer	Model	Serial #	Install Date
Signal Controller	Eagle	EPAC M42		
Conflict Monitor	EDI	SSM12LE-C		
Detectors	EDI	PS-1.2 Power Supply		
	Sensys	CC Card		
Preemption				
Battery Backup				
Fiber Switch	Garrett Com	Magnum ES42		
Cabinet	Brown Traffic			1/4/2000
Cabinet Power Supply				

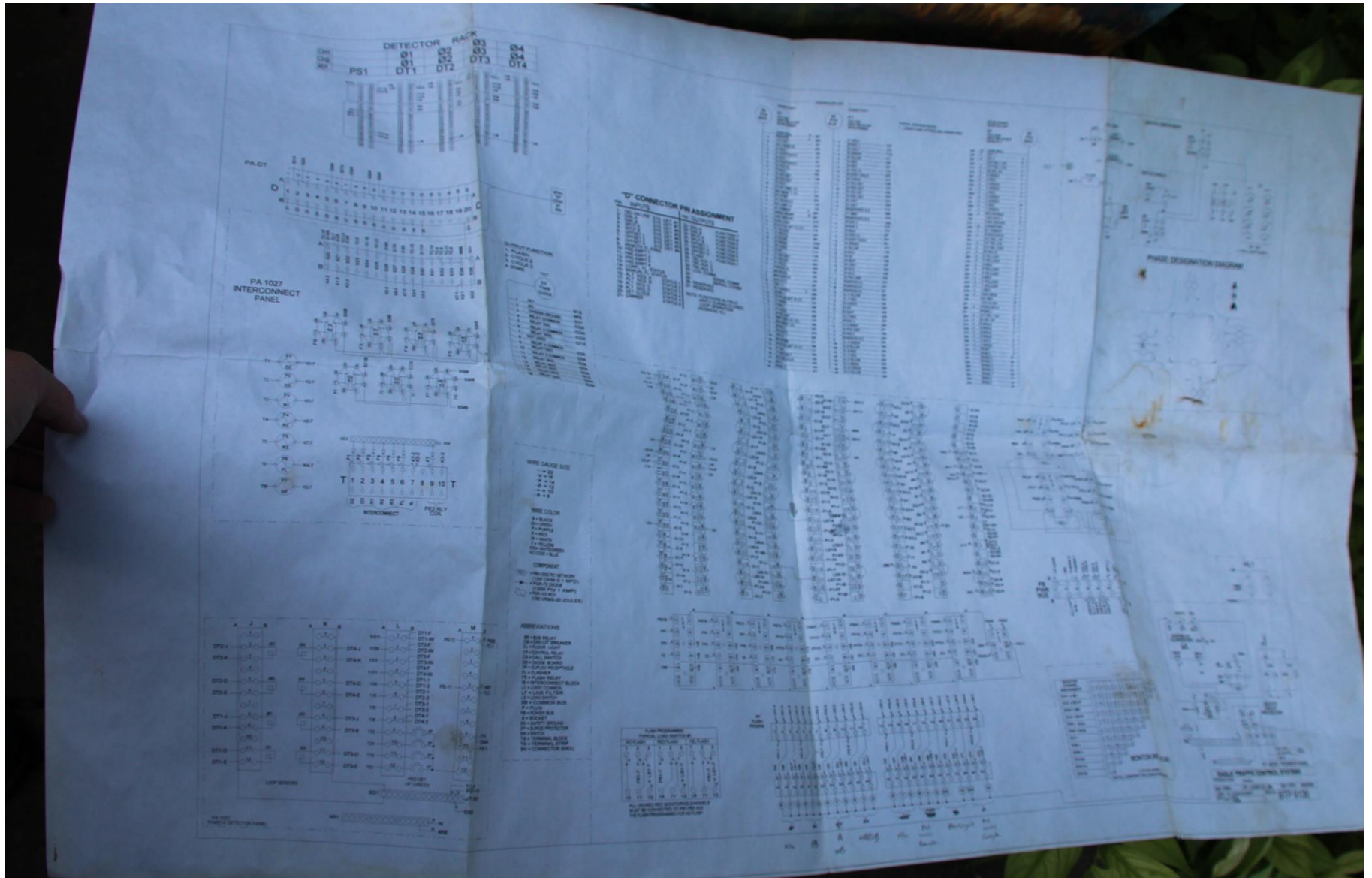
Flashing Yellow Arrow Signalization Improv. CMAQ-5438(614)

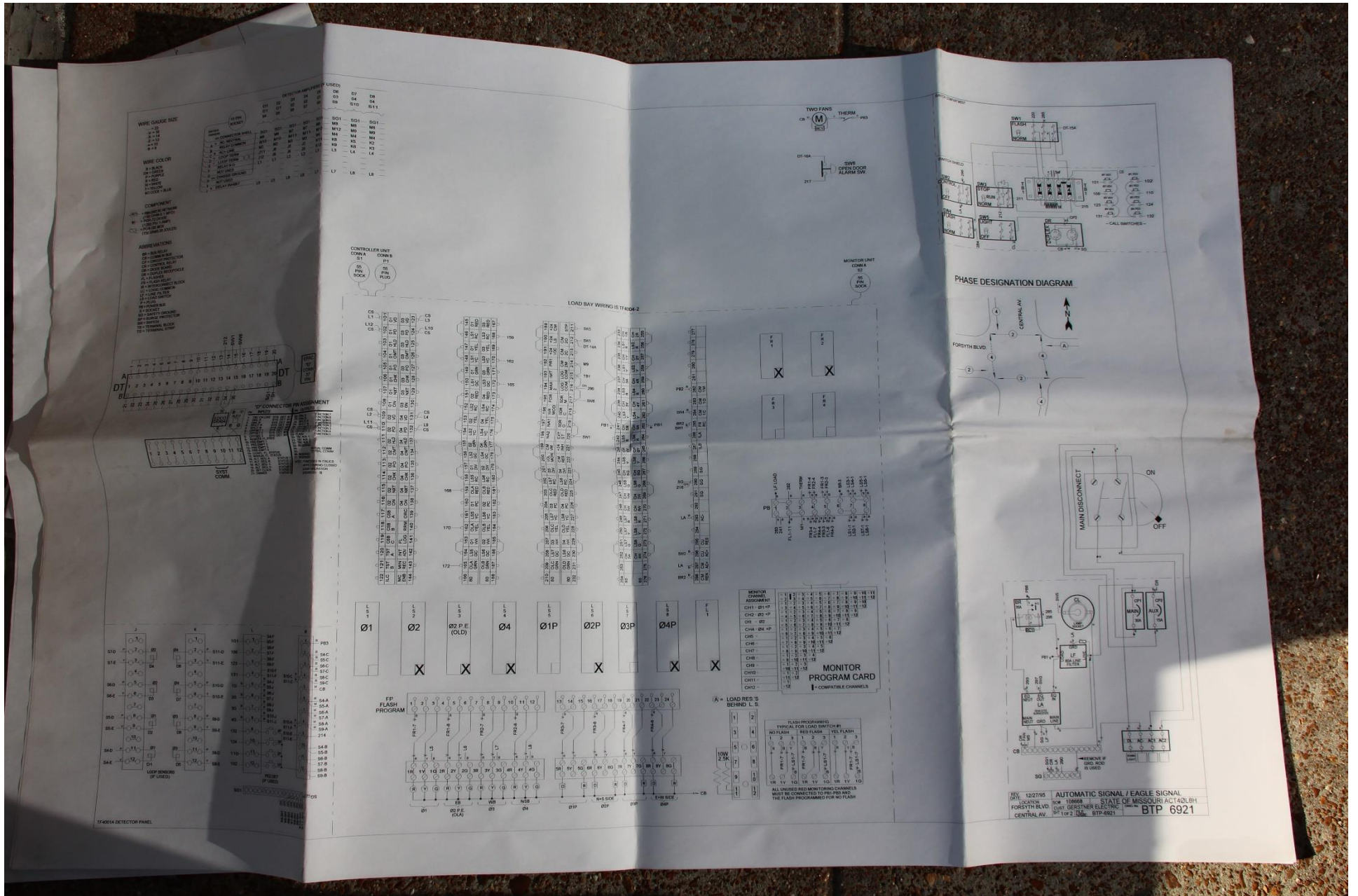
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Clayton Traffic Signal Wiring Diagrams

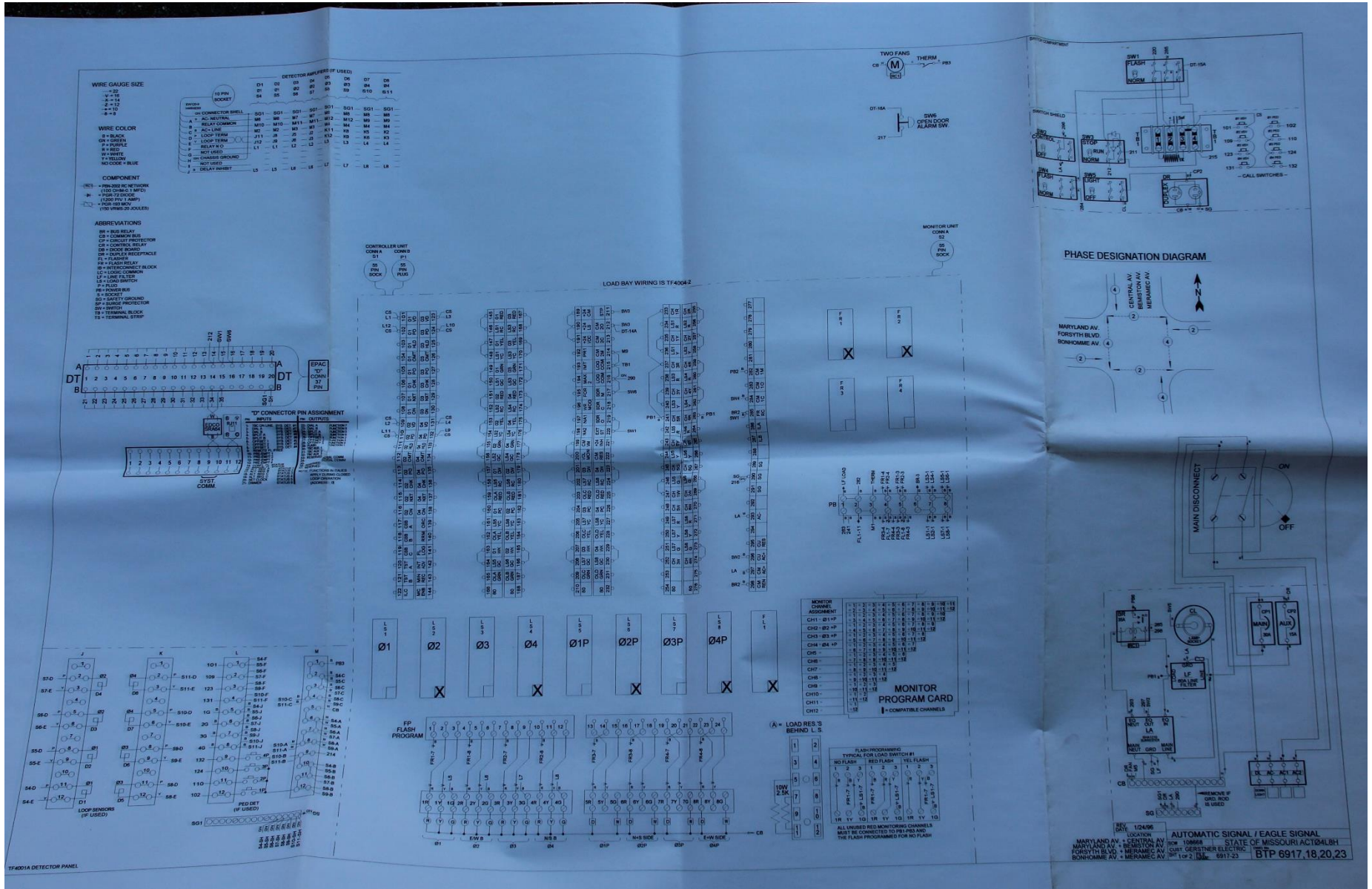
Bonhomme & Meramec - 6







Forsyth and Meramec - 8



Forsyth and Meramec – 9

WIRE GAUGE SIZE
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 #16
 #18
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 #22

WIRE COLOR
 B = BLACK
 BK = BLACK
 P = PURPLE
 R = RED
 Y = YELLOW
 W = WHITE
 W/C = WHITE/COLOR

COMPONENT
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CONNECTOR A
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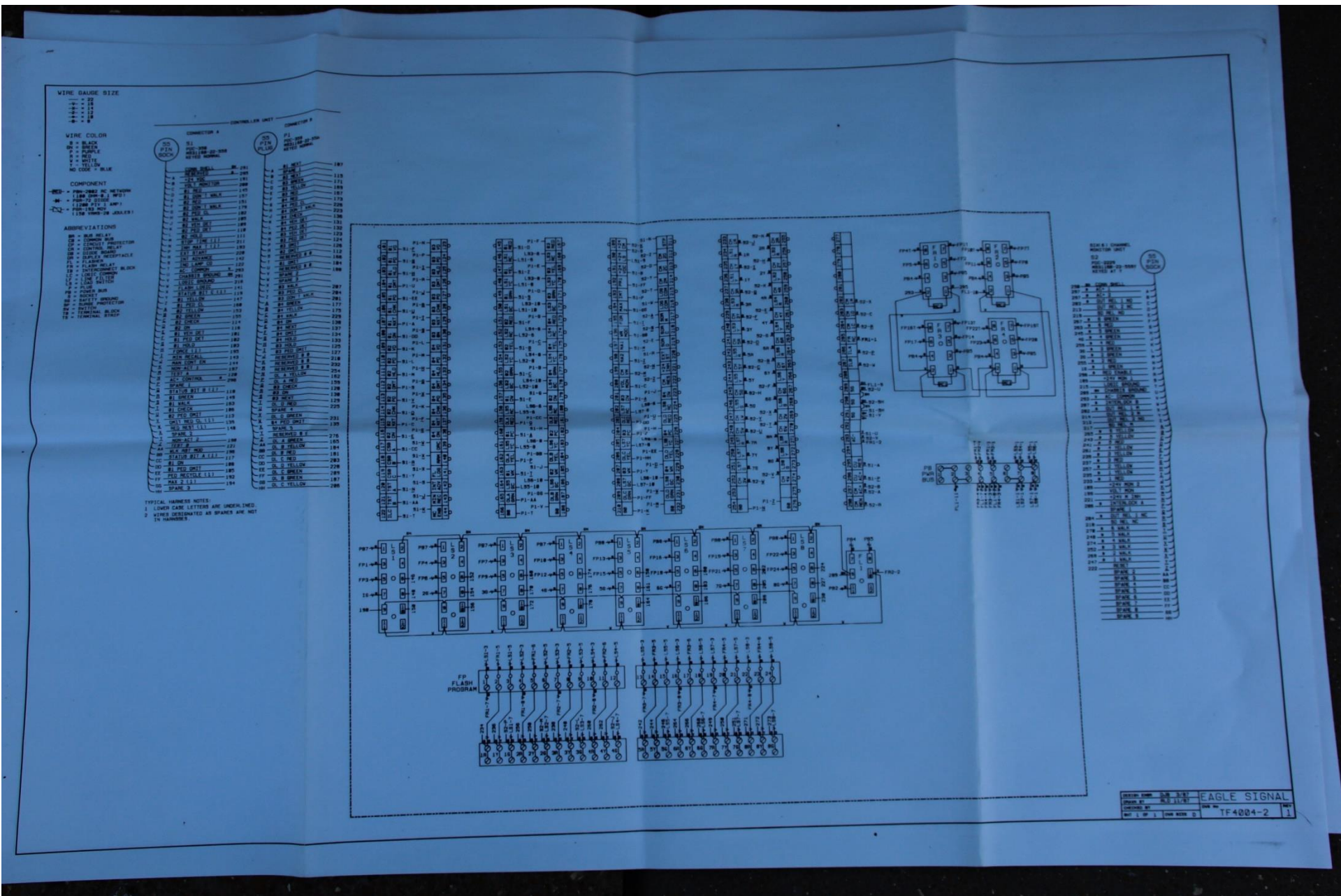
COMPONENT	CONNECTION	WIRE GAUGE	WIRE COLOR
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TYPICAL WIRE NOTES
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 2. WIRES DESIGNATED AS SPARES ARE NOT
 IN HARNESS

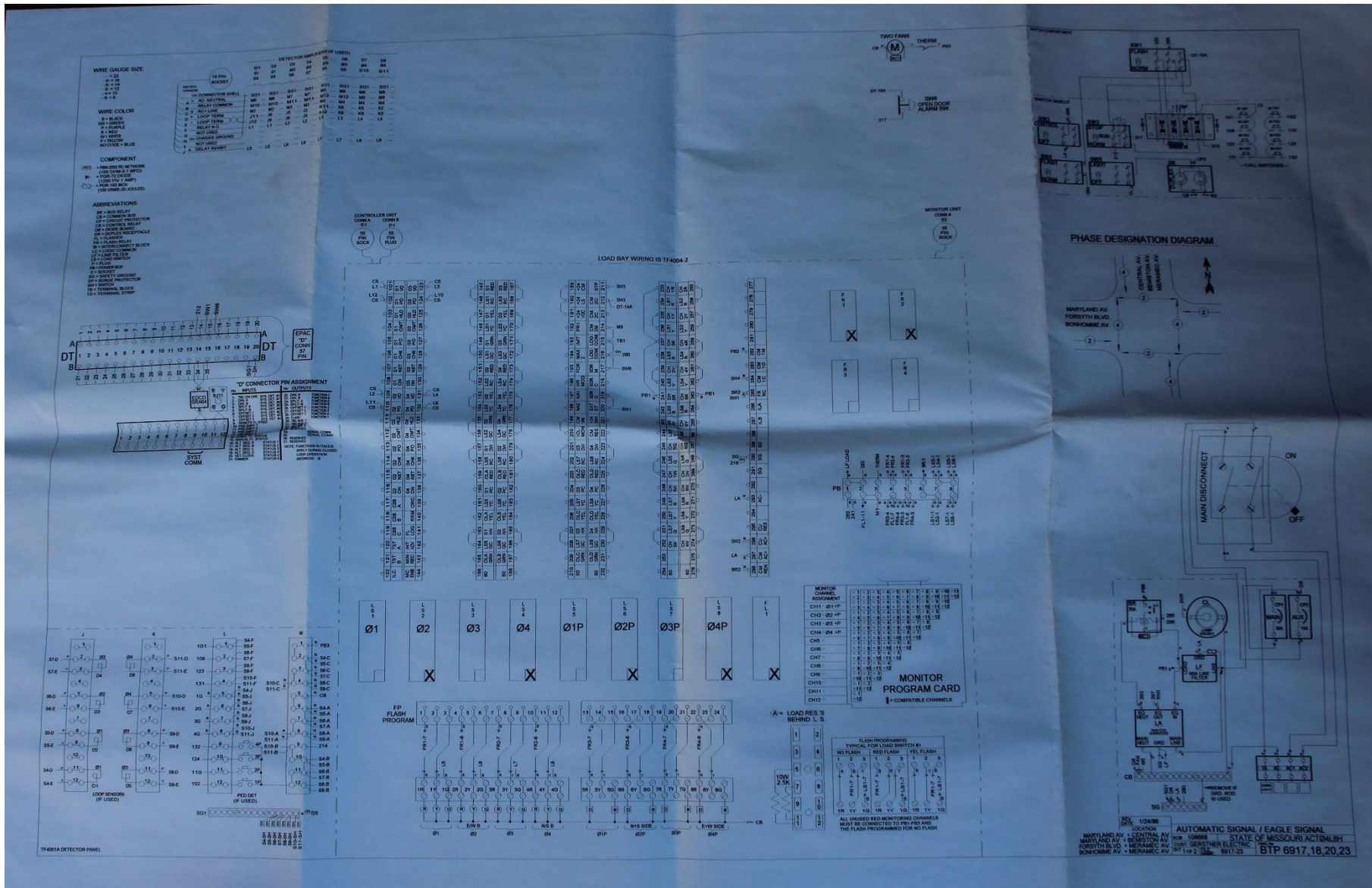
WIRE	CONNECTION	WIRE GAUGE	WIRE COLOR
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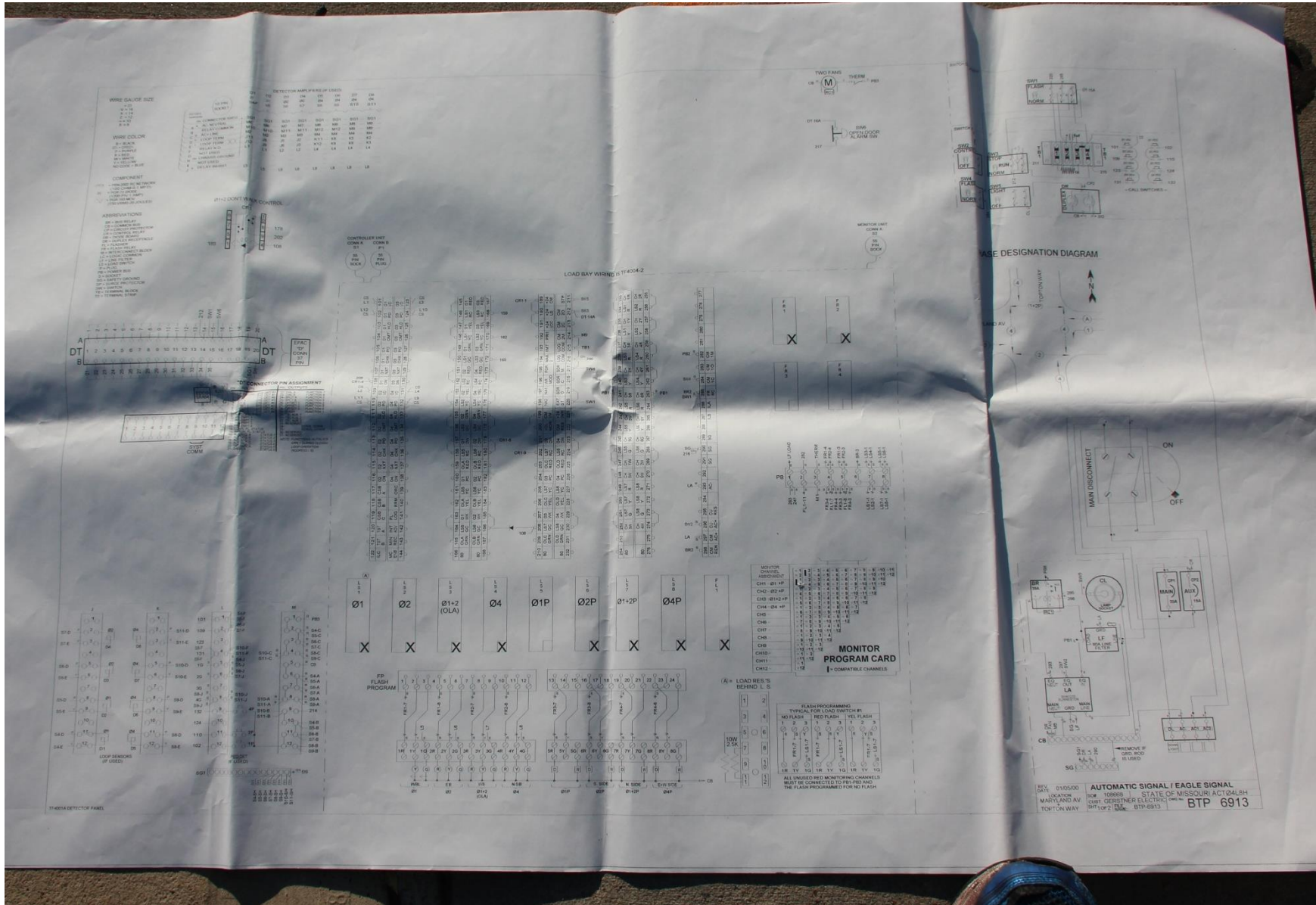
AUTOMATIC SIGNAL / EAGLE SIGNAL
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Maryland and Central - 8



Maryland and Topton - 7



Maryland and Topton - 8

