

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT SL - ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 180 CROSS STREET Schnucks/Home Depot LOG MILE 2.33000

SHIP TO:

WILLIAM MARSHALL 2309 A. BARRETT STATION ROAD BALLWIN, MO 63021

SIGNAL ID 2994

CABINET TYPE

NEMA/PT STANDARD EV

CABINET TS1/TS2

TS1

CONTROLLER

TS2/Type2

CONTROLLER TYPE

ACTUATED

CABINET DESCRIPTION

TS 1 Cabinet

SYSTEM MASTER

DETECTION TYPE

INDUCTION

INTERCONNECT TYPE

FIBER CLOSED LOOP

VIDEO SYSTEM INTERFACE

NONE

PRE-EMPT

NA

BACKPANEL

12-POSITION-TS1

VIDEO SYSTEM TYPE

NA

PRE-EMPT INFORMATION

NA

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<u>WBL</u>	<u>EB</u>	<u>SB/S</u>	<u>NB</u>	<u>EBL</u>	<u>WB</u>		<u>PED-2</u>	<u>PED-3</u>	<u>PED-6</u>		

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR 8

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
<u>1</u>	<u>1</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>3</u>	<u>3</u>	<u>3</u>
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
<u>5</u>	<u>5</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>4</u>	<u>4</u>	<u>4</u>

DELAY/EXTEND

DET 1

☐

DET 2

☐

DET 3

☐

DET 4

☐

DET 5

☐

DET 6

☐

DET 7

☐

DET 8

☐

VIDEO

V DET 1

☐

V DET 2

☐

V DET 3

☐

V DET 4

☐

V DET 5

☐

V DET 6

☐

V DET 7

☐

V DET 8

☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files) Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP addressable with ECOM and NTCIP loads with Commission's ACTRA, and ACS-Lite systems. Wire ped/ veh door buttons directly to back panel (not thru D-plug. Include 3 plug SDLC panel. Wire D plug ACTRA alarm circuit, Jumper DT1b to logic ground (303). Include MM fiber modem.

~~NO~~ NO CONTROLLER + MMU

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT SL - ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 180 CROSS STREET Ashby LOG MILE 3.38000

SHIP TO:

WILLIAM MARSHALL 2309 A BARRETT, STATION ROAD BALLWIN, MO 63021

SIGNAL ID 284

CABINET TYPE

NEMA/PT STANDARD EV

CABINET TS1/TS2

TS1

CONTROLLER

TS2/Type2

CONTROLLER TYPE

ACTUATED

CABINET DESCRIPTION

TS 1 Cabinet

SYSTEM MASTER

DETECTION TYPE

VIDEO W/CARD RACK

INTERCONNECT TYPE

FIBER CLOSED LOOP

VIDEO SYSTEM INTERFACE

INDUCTION DETECTOR PANEL

PRE-EMPT

NA

BACKPANEL

12-POSITION-TS1

VIDEO SYSTEM TYPE

Trafficcon

PRE-EMPT INFORMATION

NA

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
WBL	EB	SB/S	NB/NB	EBL	WB			PED-2	PED-4	PED-6	PED-3

☒ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR 2

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
	<u>6</u>				<u>3</u>		
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
	<u>2</u>				<u>4</u>		

DELAY/EXTEND

DET 1

☐

DET 2

☐

DET 3

☐

DET 4

☐

DET 5

☐

DET 6

☐

DET 7

☐

DET 8

☐

VIDEO

V DET 1

☒

V DET 2

☒

V DET 3

☒

V DET 4

☒

V DET 5

☒

V DET 6

☒

V DET 7

☐

V DET 8

☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

2-CH1 = phases 6 & 1 2-CH2 = phases 2 & 5 Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files) Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP addressable with ECOM and NTCIP loads with Commission's ACTRA and ACS-Lite systems. Wire ped/veh door buttons directly to back panel (not thru D-plug). Include 3 plug SDLC panel. Wire D plug ACTRA alarm circuit, jumper DT1b to logic ground (303). Include MM fiber modem.

~~NO~~ CONTROLLER + MMU

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 6 - ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 231 S CROSS STREET Oakville Plaza LOG MILE 5.16000

SHIP TO:

SIGNAL ID 3089

CABINET TYPE

CABINET TS1/TS2

CONTROLLER

CONTROLLER TYPE

NEMA/PT STANDARD EV

TS1

TS2/Type2

ACTUATED

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

TS1 Cabinet (No Fiber Panel)

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

FIBER CLOSED LOOP

SDLC PORT

PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

12-POSITION-TS1

Iteris Edge 2

PRE-EMPT INFORMATION

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
NBLT	SB	WB	EB	SBLT	NB						

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR 0

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

DELAY/EXTEND

DET 1

DET 2

DET 3

DET 4

DET 5

DET 6

DET 7

DET 8

VIDEO

V DET 1

V DET 2

V DET 3

V DET 4

V DET 5

V DET 6

V DET 7

V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Include Edge 2 rack. Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files) Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP addressable with ECOM and NTCIP loads with Commission's ACTRA, and ACS-Lite systems. Wire ped/ veh door buttons directly to back panel (not thru D-plug. Include 3 plug-SDLC panel. Wire D plug ACTRA alarm circuit, jumper DT1b to logic ground (303). Include MM fiber modem.

NEED CONTROLLER + MMU

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 6 - ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 340 E CROSS STREET Woods Mill LOG MILE 8.61000

SHIP TO:

SIGNAL ID 5835 CABINET TYPE NEMA/PT-STANDARD EV CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2 CONTROLLER TYPE ACTUATED CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER 12-POSITION-TS1 DETECTION TYPE INDUCTION PRE-EMPT

INTERCONNECT TYPE FIBER CLOSED LOOP VIDEO SYSTEM INTERFACE PRE-EMPT INFORMATION

BACKPANEL 12-POSITION-TS1 VIDEO SYSTEM TYPE

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
OLA	WB	OLD	SB	OLC	EB		NB	EBLT	NB LTY	WBLT	

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS			
13	14	15	16

NEMA # OF STANDARD 2-CHANNEL DETECTOR 5

OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION
FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
<u>1</u>	<u>6</u>	<u>6</u>	<u>0</u>	<u>3</u>	<u>8</u>	<u>0</u>	<u>0</u>
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
<u>5</u>	<u>2</u>	<u>2</u>	<u>0</u>	<u>7</u>	<u>4</u>	<u>0</u>	<u>0</u>

NC

DELAY/EXTEND DET 1 DET 2 DET 3 DET 4 DET 5 DET 6 DET 7 DET 8

VIDEO V DET 1 V DET 2 V DET 3 V DET 4 V DET 5 V DET 6 V DET 7 V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

5 - 2 channel detector cards with card racks required. Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files) Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP addressable with ECOM and NTCIP loads with Commission's ACTRA and ACS-Lite systems. Wire ped/veh door buttons directly to back panel (not thru D-plug). Include 3 plug SDLC panel. Wire D plug ACTRA alarm circuit; jumper DT1b to logic ground (303). Include MM fiber modem.

NEED MMU + CONTROLLER

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 6 - ST. LOUIS COUNTY ST. LOUIS DESIGNATION CST TRAVELWAY S Woods Mill Rd S CROSS STREET MO 141 WOR (TMC) LOG MILE 1.60000

SHIP TO:

SIGNAL ID 412

CABINET TYPE

CABINET TS1/TS2

CONTROLLER

CONTROLLER TYPE

NEMA/PT STANDARD EV

TS1

TS2/Type2

ACTUATED

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

TS1 Cabinet

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

FIBER CLOSED LOOP

INDUCTION

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

12-POSITION-TS1

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	WB	NB	SB	WBLT	EB				PED 4	PED 6	

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

4

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
<u>0</u>	<u>6</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
<u>5</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>0</u>	<u>0</u>

NC

DELAY/EXTEND

DET 1

DET 2

DET 3

DET 4

DET 5

DET 6

DET 7

DET 8

VIDEO

V DET 1

V DET 2

V DET 3

V DET 4

V DET 5

V DET 6

V DET 7

V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

4 - 2 channel detector cards with card racks required. Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files) Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP addressable with ECOM and NTCIP loads with Commission's ACTRA and ACS-Lite systems. Wire ped/veh door buttons directly to back panel (not thru D-plug). Include 3 plug SDLC panel. Wire D plug ACTRA alarm circuit. Jumper DT1b to logic ground (303). Include MM fiber modem.

NO MMU. (NO CONTROLLER)

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 6 - ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 30-E CROSS STREET Valcour LOG MILE 44.71000

SHIP TO:

SIGNAL ID 2944 CABINET TYPE NEMA/PT STANDARD EV CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2 CONTROLLER TYPE ACTUATED CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER DETECTION TYPE VIDEO W/O CARD RACK PRE-EMPT

INTERCONNECT TYPE FIBER CLOSED LOOP VIDEO SYSTEM INTERFACE SDLC PORT PRE-EMPT INFORMATION

BACKPANEL 12-POSITION-TS1 VIDEO SYSTEM TYPE Trafficcon

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
EBLT	WB		NB	WBLT	EB		SB				Ped 8

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS			
13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR 0

NEMA # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION
FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>0</u>	2-CH1 <u>0</u>	3-CH1 <u>0</u>	4-CH1 <u>0</u>	5-CH1 <u>0</u>	6-CH1 <u>0</u>	7-CH1 <u>0</u>	8-CH1 <u>0</u>
1-CH2 <u>0</u>	2-CH2 <u>0</u>	3-CH2 <u>0</u>	4-CH2 <u>0</u>	5-CH2 <u>0</u>	6-CH2 <u>0</u>	7-CH2 <u>0</u>	8-CH2 <u>0</u>

DELAY/EXTEND ☐ DET 1 ☐ DET 2 ☐ DET 3 ☐ DET 4 ☐ DET 5 ☐ DET 6 ☐ DET 7 ☐ DET 8 ☐

VIDEO ☒ V DET 1 ☒ V DET 2 ☒ V DET 3 ☐ V DET 4 ☒ V DET 5 ☒ V DET 6 ☒ V DET 7 ☐ V DET 8 ☒

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files) Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP addressable with ECOM and NTCIP loads with Commission's ACTRA, and ACS-Lite systems. Wire ped/veh door buttons directly to back panel (not thru D-plug. Include 3 plug SDLC panel. Wire D plug ACTRA alarm circuit, jumper DT1b to logic ground (303). Include MM fiber modem.

NO CONTROLLER (NO MMU)

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 6 - ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 21 S CROSS STREET Musick LOG MILE 1.68000

SHIP TO:

SIGNAL ID 40 CABINET TYPE NEMA/PT STANDARD EV CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2 CONTROLLER TYPE ACTUATED CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER DETECTION TYPE INDUCTION AND VIDEO PRE-EMPT

INTERCONNECT TYPE FIBER CLOSED LOOP VIDEO SYSTEM INTERFACE SDLC PORT PRE-EMPT INFORMATION

BACKPANEL 12-POSITION TS1 VIDEO SYSTEM TYPE Autoscope 2020

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
OLA	SB	WBLT	EB	OLC	NB		WB	NBLT	OLB	SBLT	

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS			
13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR 2

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION
FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>0</u>	2-CH1 <u>0</u>	3-CH1 <u>0</u>	4-CH1 <u>0</u>	5-CH1 <u>3</u>	6-CH1 <u>8</u>	7-CH1 <u>0</u>	8-CH1 <u>0</u>
1-CH2 <u>0</u>	2-CH2 <u>0</u>	3-CH2 <u>0</u>	4-CH2 <u>0</u>	5-CH2 <u>0</u>	6-CH2 <u>0</u>	7-CH2 <u>0</u>	8-CH2 <u>0</u>

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DELAY/EXTEND ☐ DET 1 ☐ DET 2 ☐ DET 3 ☐ DET 4 ☐ DET 5 ☐ DET 6 ☐ DET 7 ☐ DET 8 ☐

VIDEO ☒ V DET 1 ☒ V DET 2 ☒ V DET 3 ☒ V DET 4 ☒ V DET 5 ☒ V DET 6 ☒ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Card rack required for 2 - 2 channel detectors. Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files) Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP addressable with ECOM and NTCIP loads with Commission's ACTRA, and ACS-Lite systems. Wire ped/ veh door buttons directly to back panel (not thru D-plug. Include 3 plug SDLC panel. Wire D plug ACTRA alarm circuit, jumper DT1b to logic ground (303). Include MM fiber modem.

NO MMU

(NO CONTROUSER)

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT SL - ST. LOUIS COUNTY ST. LOUIS DESIGNATION RT TRAVELWAY U CROSS STREET Burrwood LOG MILE 0.96300

SHIP TO: WILLIAM MARSHALL 2309 A BARRETT STATION ROAD BALLWIN, MO 63021

SIGNAL ID 508 CABINET TYPE NEMA/PT STANDARD EV CABINET TS1/TS2 TS1
 CONTROLLER TS2/Type2 CONTROLLER TYPE ACTUATED CABINET DESCRIPTION TS 1 Cabinet (Less fiber enclosure)
 SYSTEM MASTER VIDEO W/O CARD RACK PRE-EMPT NA
 INTERCONNECT TYPE RADIO CLOSED LOOP VIDEO SYSTEM INTERFACE INDUCTION DETECTOR PANEL PRE-EMPT INFORMATION NA
 BACKPANEL 12-POSITION-TS1 VIDEO SYSTEM TYPE Traficon
☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
NBL	SB	EB			NB			PED-2	PED-3		

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS			
13	14	15	16

NEMA # OF STANDARD 2-CHANNEL DETECTOR 1
 # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION
 FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
<u>6</u>	<u>3</u>						
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
<u>2</u>							

DELAY/EXTEND DET 1 ☐ DET 2 ☐ DET 3 ☐ DET 4 ☐ DET 5 ☐ DET 6 ☐ DET 7 ☐ DET 8 ☐
 VIDEO V DET ☒ V DET 2 ☒ V DET 3 ☒ V DET 4 ☐ V DET 5 ☐ V DET 6 ☒ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

1-CH1 = phases 1 & 6 Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files) Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP_ addressable with ECOM and NTCIP loads with Commission's ACTRA, and ACS-Life systems. Wire ped/ veh door buttons directly to back panel (not thru D-plug. Include 3 plug SDLC panel. Wire D plug ACTRA alarm circuit, jumper DT1b to logic ground (303). Include MM fiber modem.

NO CONTROLLER

NO MMU

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 6-ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 141 S CROSS STREET Elam LOG MILE 19.41000

SHIP TO:

SIGNAL ID 3065 CABINET TYPE NEMA/PT STANDARD EV CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2 CONTROLLER TYPE ACTUATED CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER DETECTION TYPE INDUCTION PRE-EMPT

INTERCONNECT TYPE FIBER CLOSED LOOP VIDEO SYSTEM INTERFACE PRE-EMPT INFORMATION

BACKPANEL 12-POSITION-TS1 VIDEO SYSTEM TYPE

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
	NB	EBLT		NBLT	SB						

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS			
13	14	15	16

NEMA # OF STANDARD 2-CHANNEL DETECTOR 6

OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION							
FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER							

1-CH1 <u>0</u>	2-CH1 <u>6</u>	3-CH1 <u>6</u>	4-CH1 <u>6</u>	5-CH1 <u>3</u>	6-CH1 <u>3</u>	7-CH1 <u>0</u>	8-CH1 <u>0</u>
1-CH2 <u>5</u>	2-CH2 <u>2</u>	3-CH2 <u>2</u>	4-CH2 <u>2</u>	5-CH2 <u>0</u>	6-CH2 <u>0</u>	7-CH2 <u>0</u>	8-CH2 <u>0</u>

NC

DELAY/EXTEND ☐ DET 1 ☐ DET 2 ☐ DET 3 ☐ DET 4 ☐ DET 5 ☐ DET 6 ☐ DET 7 ☐ DET 8 ☐

VIDEO ☐ V DET 1 ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

6 - 2 channel detector cards with card racks required. Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files) Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP addressable with ECOM and NTCIP loads with Commission's ACTRA, and ACS-Life systems. Wire ped/ veh door buttons directly to back panel (not thru D-plug. Include 3 plug SDLC panel. Wire D plug ACTRA alarm circuit, jumper DT1b to logic ground (303). Include MM fiber modem.

NO CONTROLLER

NO MMU

NEMA TS1/TS2 Traffic Signal Controller Order Form

ODD
F.YA

DISTRICT 6 - ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 340 E CROSS STREET Mason / Whispering Pines LOG MILE 10.35000

SHIP TO:

SIGNAL ID 5836

CABINET TYPE

CABINET TS1/TS2

CONTROLLER

CONTROLLER TYPE

NEMA/PT STANDARD EV

TS1

TS2/Type2

ACTUATED

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

TS1 Cabinet

INTERCONNECT TYPE

INDUCTION

PRE-EMPT

FIBER CLOSED LOOP

VIDEO SYSTEM INTERFACE

FIRE STATION PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

12-POSITION-TS1

Optical

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<u>OLA</u>	<u>WB</u>	<u>NBLT</u>	<u>SB</u>	<u>OLC</u>	<u>EB</u>	<u>SBLT</u>	<u>NB</u>	<u>EBLT</u>		<u>WBLT</u>	<u>PED 8</u>

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

5

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>1</u>	2-CH1 <u>6</u>	3-CH1 <u>6</u>	4-CH1 <u>0</u>	5-CH1 <u>3</u>	6-CH1 <u>8</u>	7-CH1 <u>0</u>	8-CH1 <u>0</u>
1-CH2 <u>5</u>	2-CH2 <u>2</u>	3-CH2 <u>2</u>	4-CH2 <u>0</u>	5-CH2 <u>7</u>	6-CH2 <u>4</u>	7-CH2 <u>0</u>	8-CH2 <u>0</u>

NC

DELAY/EXTEND

DET 1

DET 2

DET 3

DET 4

DET 5

DET 6

DET 7

DET 8

VIDEO

V DET 1

V DET 2

V DET 3

V DET 4

V DET 5

V DET 6

V DET 7

V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

5 - 2 channel detector cards with card racks required. Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files). Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP addressable with ECOM and NTCIP loads with Commission's ACTRA and ACS-Lite systems. Wire ped/veh door buttons directly to back panel (not thru D-plug). Include 3 plug SDLC panel. Wire D plug ACTRA alarm circuit. Jumper DT1b to logic ground (303). Include MM fiber modem.

~~NO~~ NO CONTROLLER
NO MMU.

ODD
FYA.

NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 8 - ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 340 E CROSS STREET Ross / Questover LOG MILE 10.77000

SHIP TO:

SIGNAL ID 705

CABINET TYPE

CABINET TS1/TS2

CONTROLLER

CONTROLLER TYPE

NEMA/PT STANDARD EV

TS1

TS2/Type2

ACTUATED

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE

TS1 Cabinet

INTERCONNECT TYPE

INDUCTION

PRE-EMPT

FIBER CLOSED LOOP

VIDEO SYSTEM INTERFACE

FIRE STATION PRE-EMPT

BACKPANEL

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

12-POSITION-TS1

Optical

☒ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<u>OLA</u>	<u>EB</u>	<u>SB</u>	<u>NB</u>	<u>OLC</u>	<u>WB</u>			<u>WBL/PE</u>		<u>EBL/PED</u>	<u>PED 3</u>

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

OF STANDARD 2-CHANNEL DETECTOR

4

NEMA

OF DELAY/EXT 2-CHANNEL DETECTOR

0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>1</u>	2-CH1 <u>0</u>	3-CH1 <u>0</u>	4-CH1 <u>0</u>	5-CH1 <u>3</u>	6-CH1 <u>0</u>	7-CH1 <u>0</u>	8-CH1 <u>0</u>
1-CH2 <u>5</u>	2-CH2 <u>0</u>	3-CH2 <u>0</u>	4-CH2 <u>0</u>	5-CH2 <u>0</u>	6-CH2 <u>4</u>	7-CH2 <u>4</u>	8-CH2 <u>0</u>

N/C

DELAY/EXTEND

DET 1

DET 2

DET 3

DET 4

DET 5

DET 6

DET 7

DET 8

VIDEO

V DET 1

V DET 2

V DET 3

V DET 4

V DET 5

V DET 6

V DET 7

V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

4 : 2 channel detector cards with card racks required. Include hardcopy and electronic cabinet prints (micro-station dgn and pdf files) Include MMU with Ethernet port and compatible with FYA operation. Controller to be IP addressable with ECOM and NTCIP loads with Commission's ACTRA, and ACS-Lite systems. Wire ped/veh door buttons directly to back panel (not thru D-plug). Include 3 plug SDLC panel. Wire D plug ACTRA alarm circuit, jumper DT1b to logic ground (303). Include MM fiber modem.

NO CONTROLLER

NO MMU.