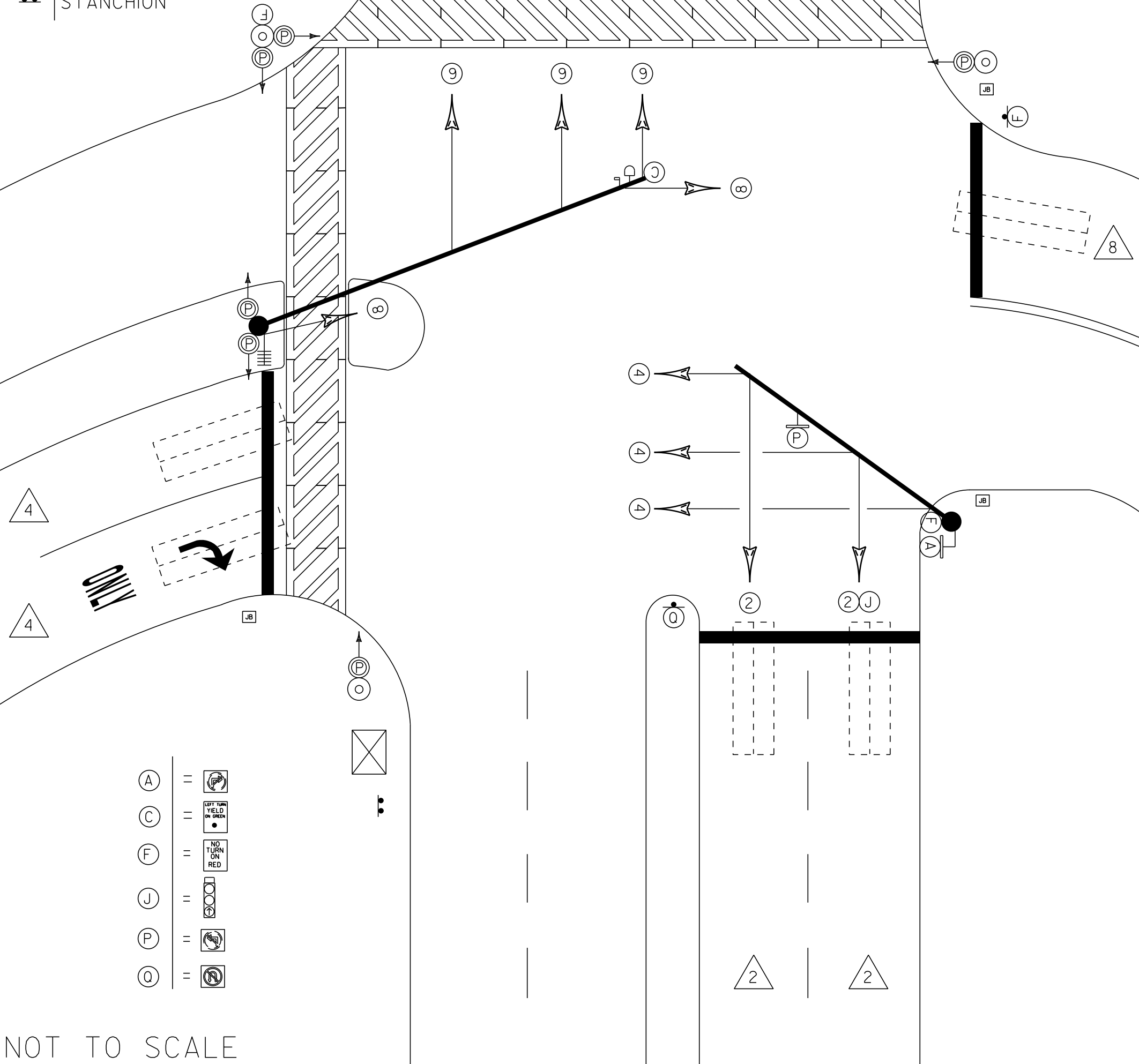
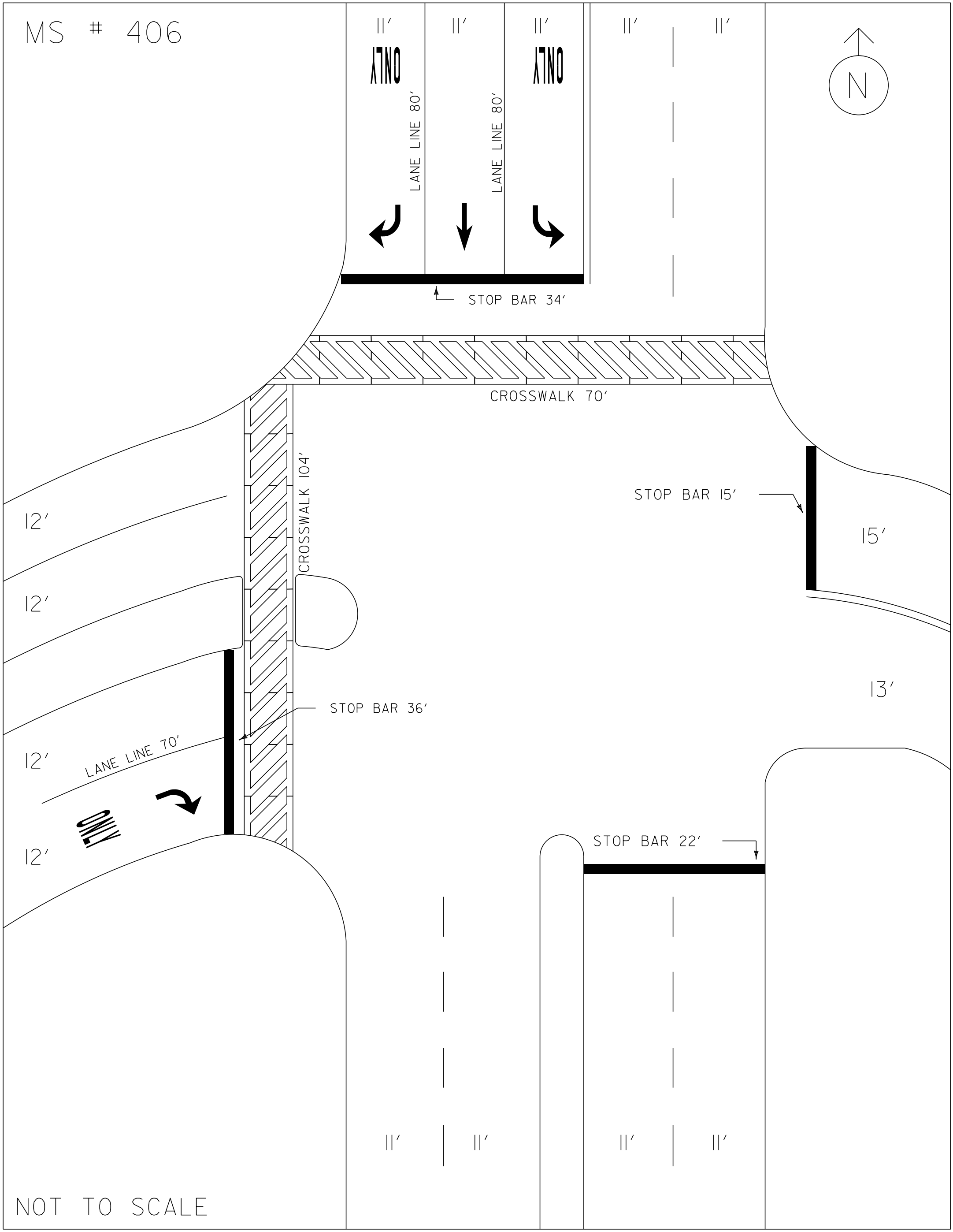
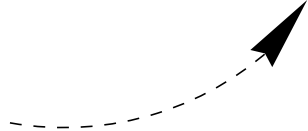


MS # 406

- ⊙ PEDESTAL POST
- Ⓟ PEDESTRIAN SIGNAL
- ¶ PREEMPTION DETECTOR
- ♀ PREEMPTION STROBE
- ⌐ L.E.D REGULATORY SIGN
- ⊠ CONTROL BOX
- MAST ARM
- ⌋ COORDINATION
- ⋯ LOOP DETECTION
- JB JUNCTION BOX
- STANCHION





D I A G R A M				
TIMING	G = Y =	G = Y =	G = Y =	G = Y =
D I A G R A M				
TIMING	G = Y =	G = Y =	G = Y =	G = Y =
 PROTECTED TURNS	 PERMITTED TURNS  PEDESTRIAN		CYCLE LENGTH, C= _____ S	









ONLY

NO
TURN
ON
RED





WORCESTER AVE

**LEGAL LOAD
LIMIT
24,000
POUNDS**

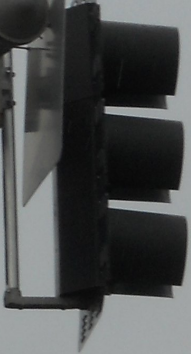


NO
TURN
ON
RED

Yield



NO
TURN
ON
RED





LEFT TURN
YIELD
ON GREEN















HIGHLAND AVE









WORCESTER AVE

LEGAL LOAD
LIMIT
24,000
POUNDS

NO
TURN
ON
RED















NO TURN ON RED





PROPERTY OF :
VT. AGENCY OF TRANS.
MAINTENANCE DIV.

IN EMERGENCY CALL :

DIST. TRANS. OFFICE

295-8888

NIGHTS & WEEKENDS : 250-0163

INTERSECTION NO. MS-406



US Highway 5 (Hartford Avenue) @ Highland Avenue/Worcester Avenue
Hartford Vermont

STREET	PHASE	SIGNAL	GRN	YEL	RED	G→←	Y→←	WALK	DW
	ø1		501	502	503				
Hartford NB	ø2		504	505	506				
	ø3		507	508	509				
Highland EB	ø4		510	511	512				
	ø5		513	514	515				
Hartford SB	ø6		516	517	518				
	ø7		519	520	521				
Worcester WB	ø8		522	523	524				
Exclusive PED	ø9PED							525	527
	ø4PED							528	530
	ø6PED							531	533
	ø8PED							534	536

LOOPS

STREET	PHASE	LOOP LOCATION	PANEL TERMINATION	DELAY	EXT	NOTES
1 Hartford NB	ø2		DT2 1&2			
2 Hartford NB	ø2		DT2 3&4			
3 Hartford SB	ø6		DT2 5&6			
4 Hartford SB	ø6		DT2 7&8			
5 Hartford SB	ø6		DT2 9&10			
6 Highland EB	ø4		DT2 11&12			
7 Highland EB	ø4		DT3 1&2			
8 Worcester WB	ø8		DT3 3&4			
9	ø		DT3 5&6			
10	ø		DT3 7&8			
11	ø		DT3 9&10			
12	ø		DT3 11&12			
13	ø		DT4 1&2			
14	ø		DT4 3&4			
15	ø		DT4 5&6			
16	ø		DT4 7&8			

OVERLAPS

OLA=
OLB=
OLC=
OLD=
OLE=
OLF=

PREEMPTION

CHANNEL 1 CALLS
CHANNEL 2 CALLS
CHANNEL 3 CALLS 1&6 CHAN A
CHANNEL 4 CALLS 2&5 CHAN B
CHANNEL 5 CALLS 3&8 CHAN C
CHANNEL 6 CALLS 4&7 CHAN D

Strobe Relay Terminal #3

PED BUTTON HOOKUP

CHANNEL	PHASE	TERMINAL
A	ø9	DT4-9.AC-
B	ø	DT4-10.AC-
C	ø	DT4-11.AC-
D	ø	DT4-12.AC-

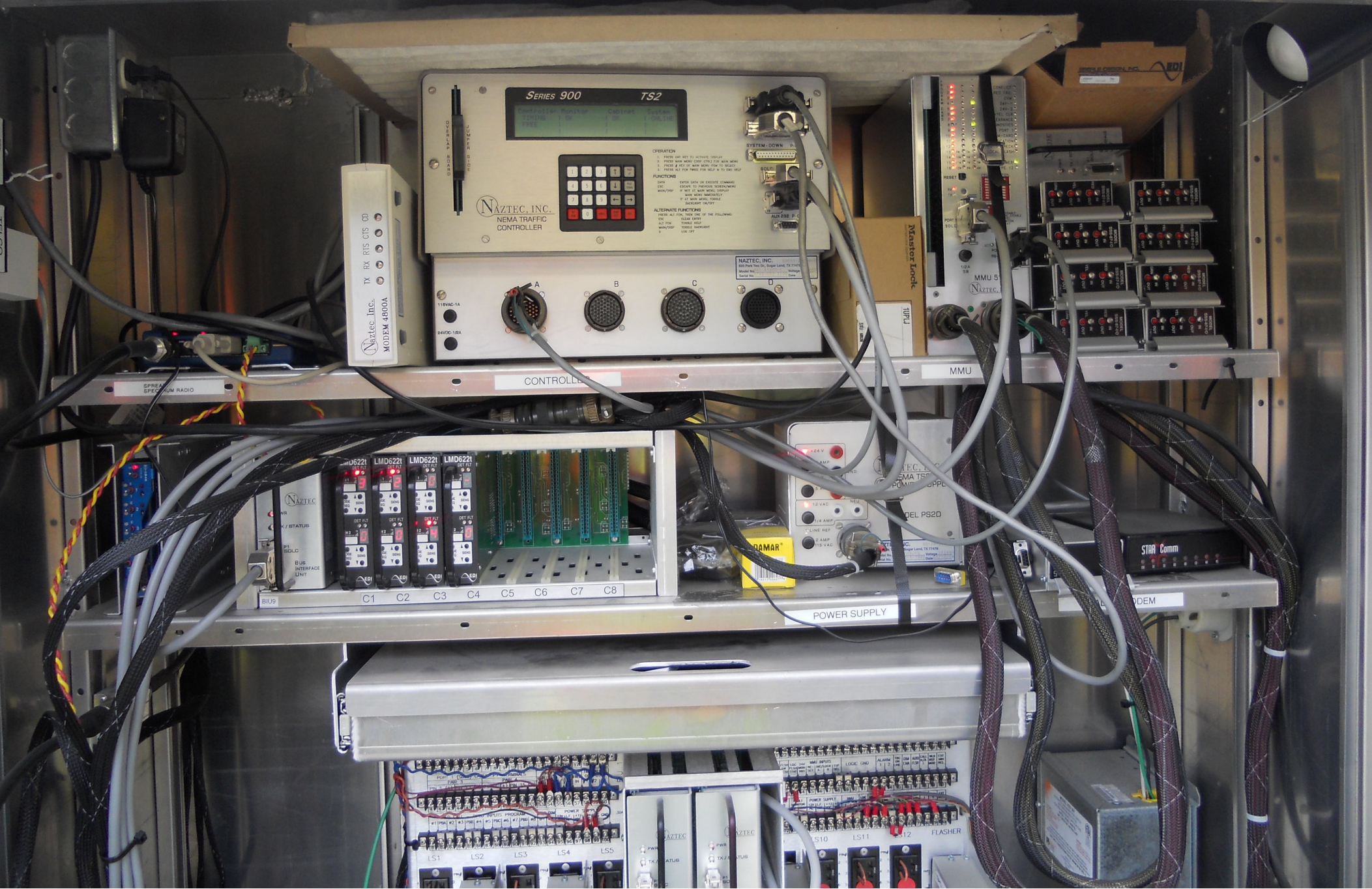
US Highway 5 (Hartford Avenue) @ Highland Avenue/Worcester Avenue
Hartford Vermont

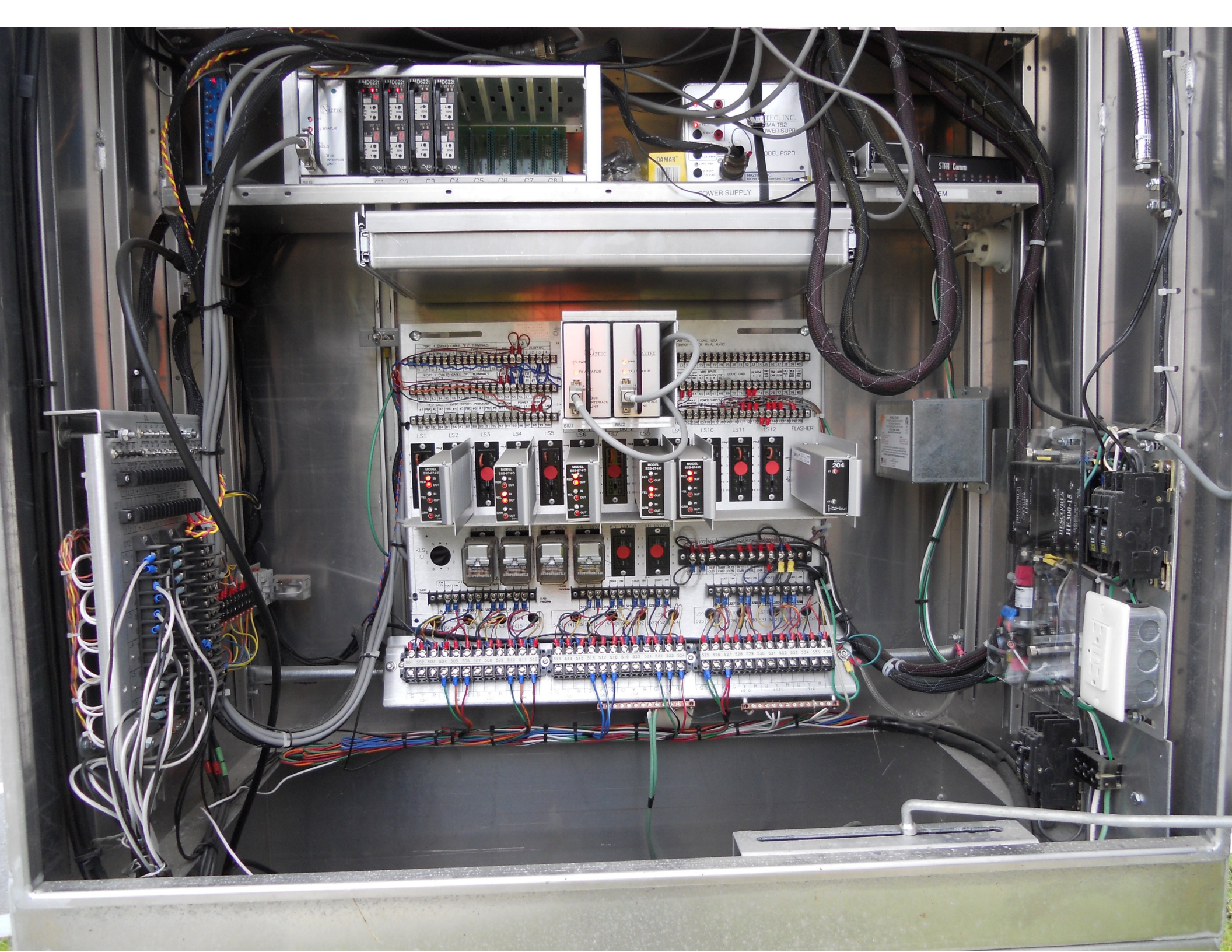
PERMISSIVES

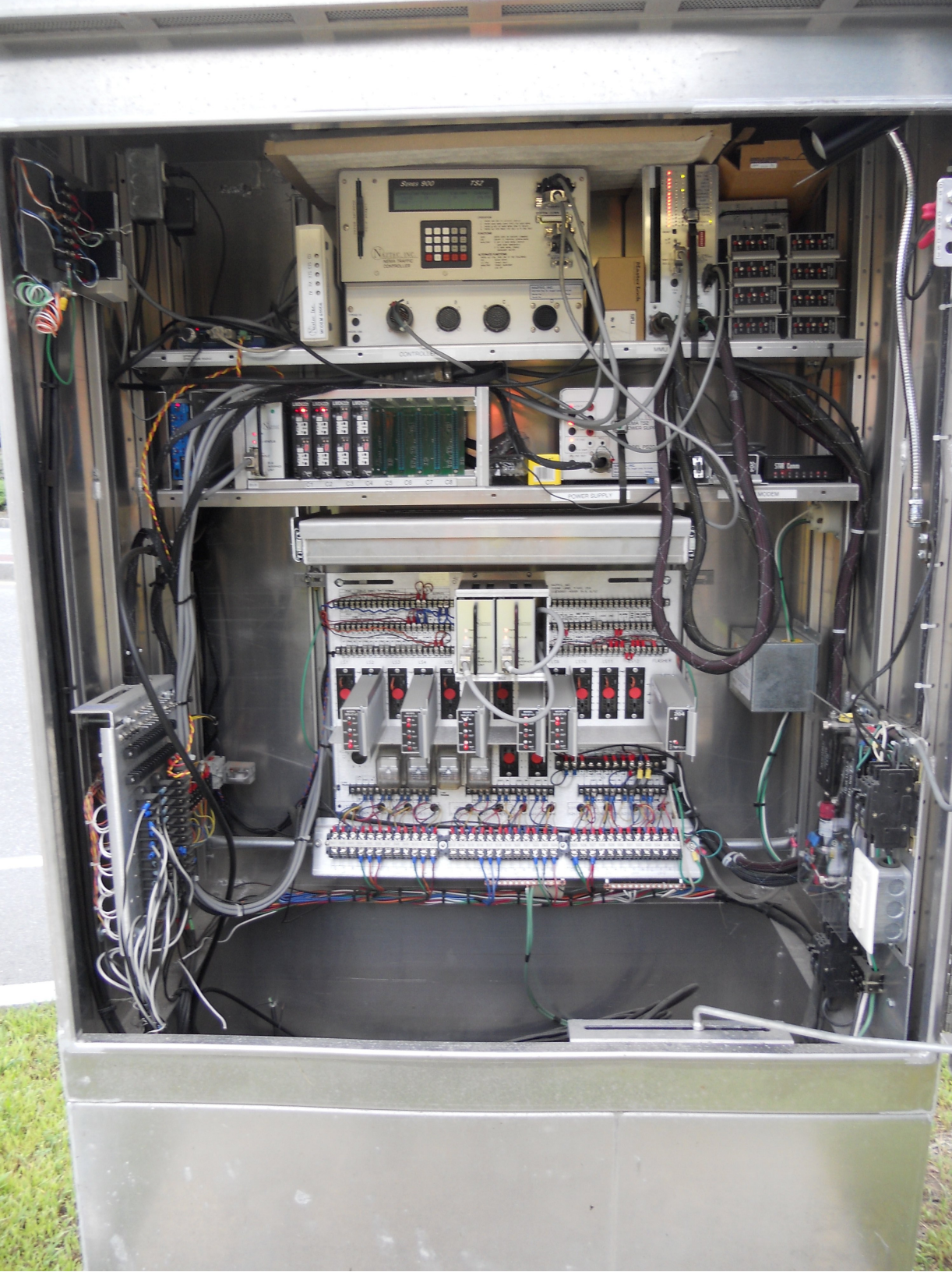
YELLOW CHANNEL
DISABLE

Ring Sequence [1.2.4]

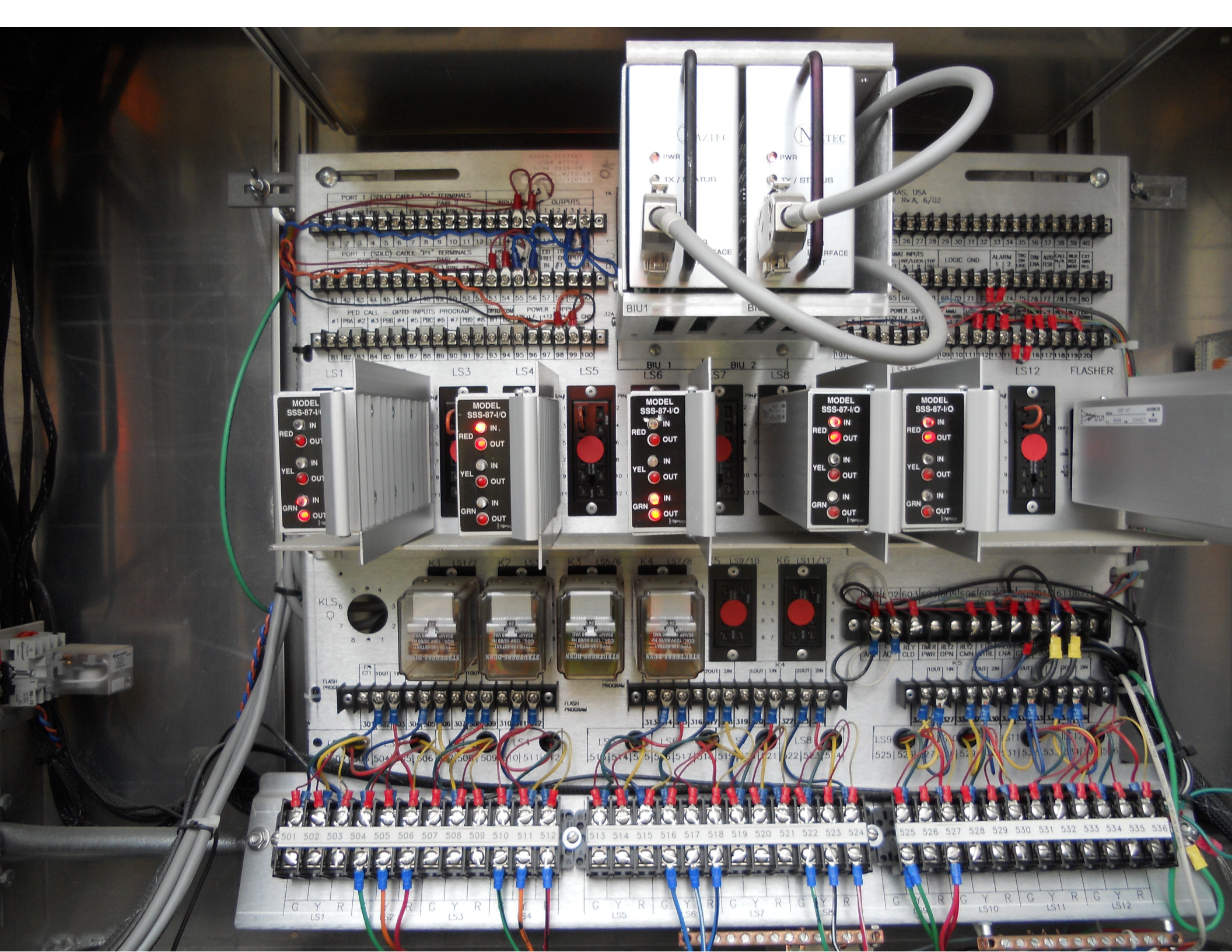
Seq #	Ring	Sequence of Phases						
1	1	1	2	3	4	9		
1	2	5	6	7	8	13		
1	3							
1	4							











DANGER / PELIGRO

HAZARD OF ELECTRICAL SHOCK OR BURN
SERVICE BY UTILITY AUTHORIZED PERSONNEL ONLY
DO NOT PAINT OVER OR REMOVE THIS LABEL
PELIGRO DE DESCARGA ELECTRICA O QUEMADURA
SOLAMENTE PERSONAL AUTORIZADO DE LA COMPAÑIA
ELECTRICA PUEDE MANTENIRLO
NO PINTES ENCIMA NI REMUEVA ESTA ETIQUETA

elster

00 1226 kW h

CONTAINS FCC ID: QIC-RX2EM SERIAL #14 678 620
CONTAINS FCC ID: QIC-RX2EM

GMP
E14678620

elster
TYPE R2SD

CL200, 240V, 3W, 60Hz FM 2S Watthour Meter Kh1.0 TA 30
1 4 6 7 8 6 2 0

LAN ID: 076-0007295090
ZFCWMAB0000-05
RA 1-1204

CIRCUIT BREAKERS UNDER FLAP
NO FUSES IN BOX
DO NOT BREAK SEAL

DANGER / PELIGRO

HAZARD OF ELECTRICAL SHOCK OR BURN
SERVICE BY UTILITY AUTHORIZED PERSONNEL ONLY
DO NOT PAINT OVER OR REMOVE THIS LABEL
PELIGRO DE DESCARGA ELECTRICA O QUEMADURA
SOLAMENTE PERSONAL AUTORIZADO DE LA COMPAÑIA
ELECTRICA PUEDE MANTENIRLO
NO PINTES ENCIMA NI REMUEVA ESTA ETIQUETA



Date: 08/09/2012

Timing Data:

Phase	1	2	3	4	5	6	7	8	9
Phases in use	x	x		x	x	x		x	x
Min Green	0	12	0	6	5	12	0	6	0
Walk	0	0	0	0	0	0	0	0	0
Ped Clr	0	0	0	0	0	0	0	0	25
Veh Ext	0	2	0	3	5	2	0	3	0
MAX 1	0	35	0	31	5	35	0	31	0
MAX 2	0	0	0	0	0	0	0	0	0
MAX 3	0	0	0	0	0	0	0	0	0
Yellow	4	4	4	4	4	4	4	4	3
All Red	2	2	2	2	2	2	2	2	0
Recall to Max	0	0	0	0	0	0	0	0	0

Coordination Patterns: ACS3/Naztec

Pattern 1								
Cycle Length	75	Offset	0	COS	111			
Splits	Ph 1	0	Ph 2	38	Ph 3	0	Ph 4	37
	Ph 5	0	Ph 6	38	Ph 7	0	Ph 8	37
	Ph 9	0	Ph 10	0	Ph 11	0	Ph 12	0
Pattern 2(21)								
Cycle Length	75	Offset	0	COS	211			
Splits	Ph 1	0	Ph 2	41	Ph 3	0	Ph 4	34
	Ph 5	0	Ph 6	41	Ph 7	0	Ph 8	34
	Ph 9	0	Ph 10	0	Ph 11	0	Ph 12	0
Pattern 3								
Cycle Length	75	Offset	0	COS	311			
Splits	Ph 1	0	Ph 2	40	Ph 3	0	Ph 4	35
	Ph 5	0	Ph 6	40	Ph 7	0	Ph 8	35
	Ph 9	0	Ph 10	0	Ph 11	0	Ph 12	0
Pattern 4								
Cycle Length	75	Offset	0	COS	411			
Splits	Ph 1	0	Ph 2	39	Ph 3	0	Ph 4	36
	Ph 5	0	Ph 6	39	Ph 7	0	Ph 8	36
	Ph 9	0	Ph 10	0	Ph 11	0	Ph 12	0

Action Plan

Action Plan	Pattern
1	1
2	2
3	3
4	4
5 to 53	0
54	254-FREE
55	255-FLASH

Day Plan [1]

Event	Action Plan	Step Begins
1	54	0000
2	54	0600
3	54	0900
4	54	1400
5	54	1600
6	54	1800