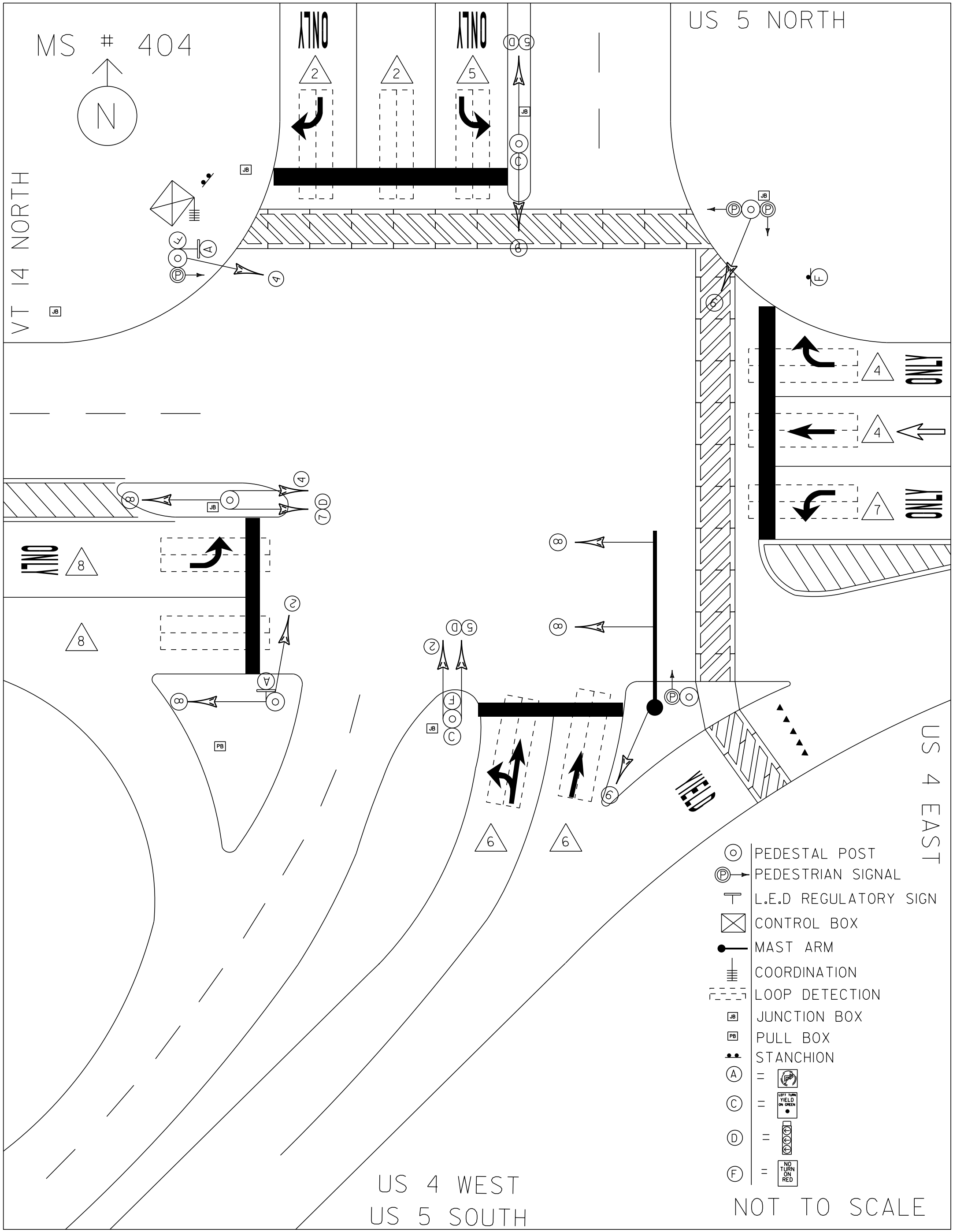




MS # 404

US 5 NORTH

VT 14 NORTH

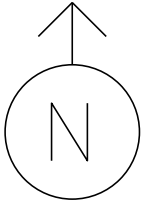
US 4 EAST

US 4 WEST
US 5 SOUTH

NOT TO SCALE

- ⊙ PEDESTAL POST
- Ⓟ PEDESTRIAN SIGNAL
- ⊥ L.E.D REGULATORY SIGN
- ⊠ CONTROL BOX
- MAST ARM
- ≡ COORDINATION
- - - LOOP DETECTION
- JB JUNCTION BOX
- PB PULL BOX
- STANCHION
- (A) =
- (C) =
- (D) =
- (F) =

MS # 404



ONLY

11'



LANE LINE 190'

11'

LANE LINE 190'

ONLY

10'



11'

11'

US 5 NORTH

STOP BAR 46'

CROSSWALK 125'

STOP BAR 40'

ONLY

11'



LANE LINE 175'



12'



LANE LINE 175'

ONLY

11'



CROSSWALK 78'

STOP BAR 23'

ONLY

11'



LANE LINE 240'

12'

17'

14'

13'

STOP BAR 26'



14'



13'

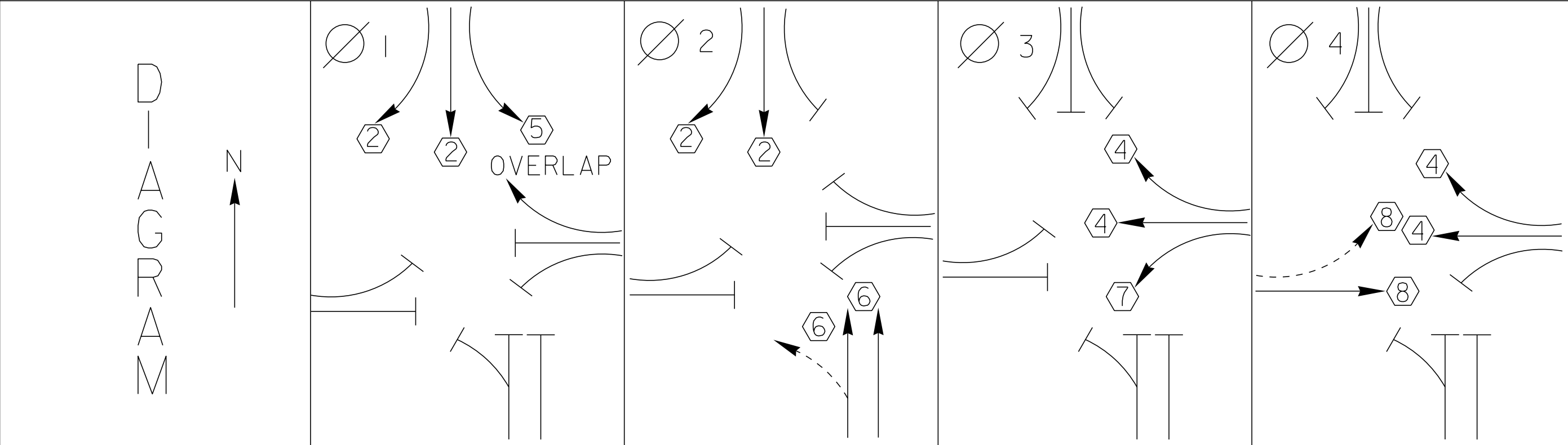
12'

WED

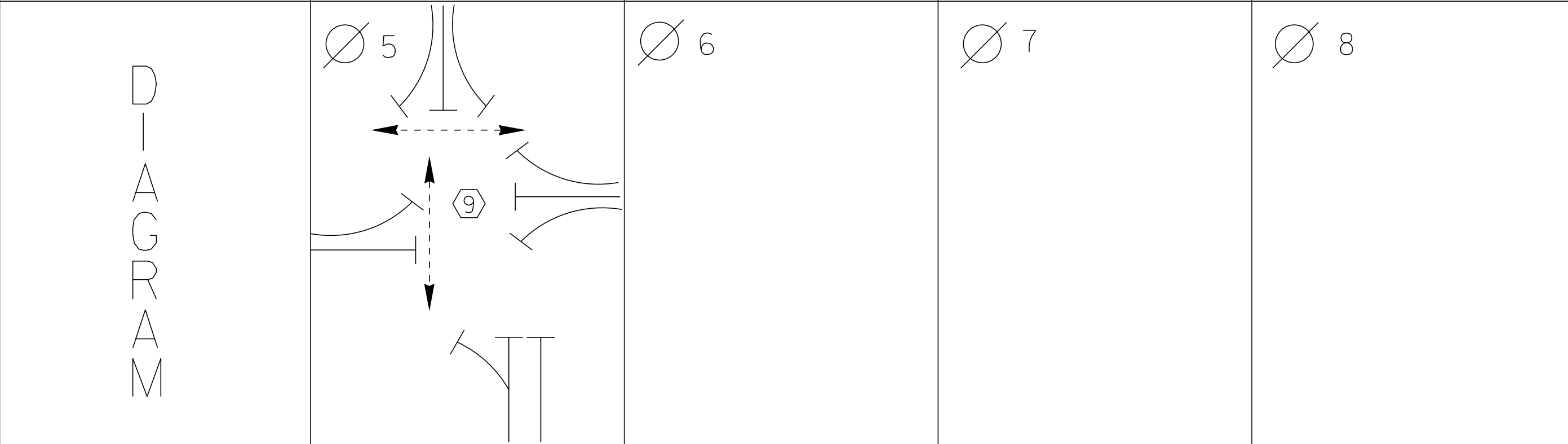
US 4 EAST

US 4 WEST
US 5 SOUTH

NOT TO SCALE



TIMING	G = Y =	G = Y =	G = Y =	G = Y =
--------	------------	------------	------------	------------



TIMING	G = Y =	G = Y =	G = Y =	G = Y =
--------	------------	------------	------------	------------

	PROTECTED TURNS		PERMITTED TURNS	CYCLE LENGTH, C= _____ S
			PEDESTRIAN	



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

IN EMERGENCY CALL :
DIST. TRANS. OFFICE

295-8888

NIGHTS & WEEKENDS : 250-0163

INTERSECTION NO. MS-404

DANGER
115 VOLTS A.C.

Highway Tech
Signal Equipment Sales, Inc.
4500 N. Hwy 101, Suite 100
San Jose, CA 95131
Tel: (408) 276-8888
Fax: (408) 276-8889

FIELD THERMISTOR

100 Highway Tech Highway Tech Signal Equipment Sales, Inc. 4500 N. Hwy 101, Suite 100 San Jose, CA 95131

TIME	TEMPERATURE	WIND SPEED	WIND DIRECTION	RELATIVE HUMIDITY	BAROMETRIC PRESSURE	WIND CHILL	HEAT INDEX	WIND COLD INDEX	WIND WARM INDEX
0000									
0100									
0200									
0300									
0400									
0500									
0600									
0700									
0800									
0900									
1000									
1100									
1200									
1300									
1400									
1500									
1600									
1700									
1800									
1900									
2000									
2100									
2200									
2300									

STOP TIME TEST CONTROLLER
ON NORMAL ON
AUTO FLASH OFF

FIELD THERMISTOR

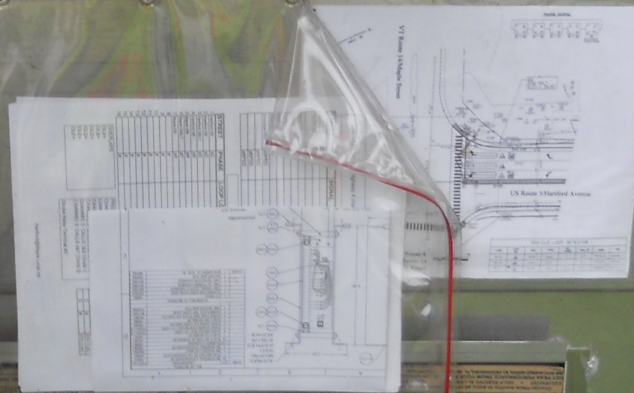
100 Highway Tech Highway Tech Signal Equipment Sales, Inc. 4500 N. Hwy 101, Suite 100 San Jose, CA 95131

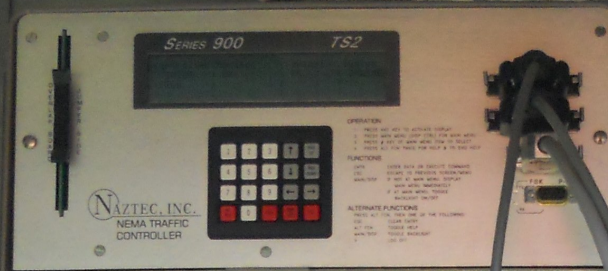
TIME	TEMPERATURE	WIND SPEED	WIND DIRECTION	RELATIVE HUMIDITY	BAROMETRIC PRESSURE	WIND CHILL	HEAT INDEX	WIND COLD INDEX	WIND WARM INDEX
0000									
0100									
0200									
0300									
0400									
0500									
0600									
0700									
0800									
0900									
1000									
1100									
1200									
1300									
1400									
1500									
1600									
1700									
1800									
1900									
2000									
2100									
2200									
2300									

FIELD THERMISTOR

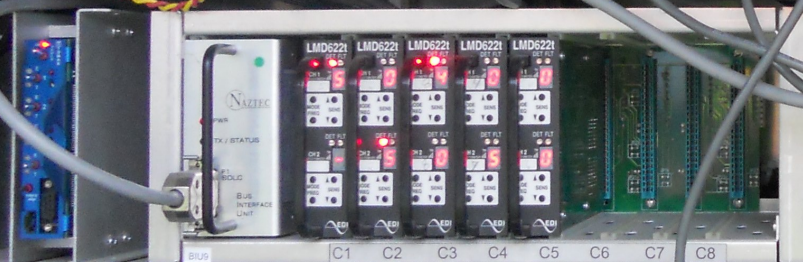
100 Highway Tech Highway Tech Signal Equipment Sales, Inc. 4500 N. Hwy 101, Suite 100 San Jose, CA 95131

TIME	TEMPERATURE	WIND SPEED	WIND DIRECTION	RELATIVE HUMIDITY	BAROMETRIC PRESSURE	WIND CHILL	HEAT INDEX	WIND COLD INDEX	WIND WARM INDEX
0000									
0100									
0200									
0300									
0400									
0500									
0600									
0700									
0800									
0900									
1000									
1100									
1200									
1300									
1400									
1500									
1600									
1700									
1800									
1900									
2000									
2100									
2200									
2300									



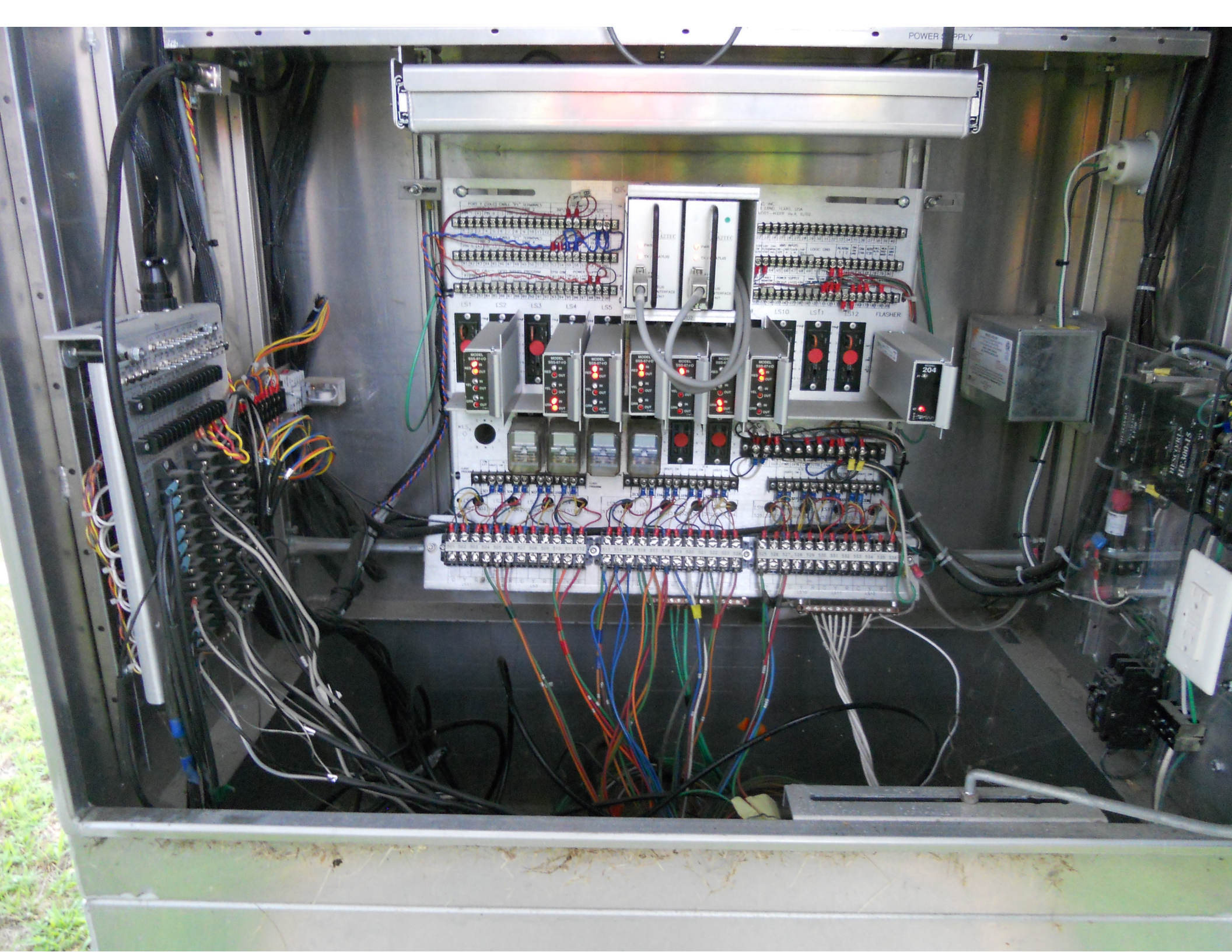


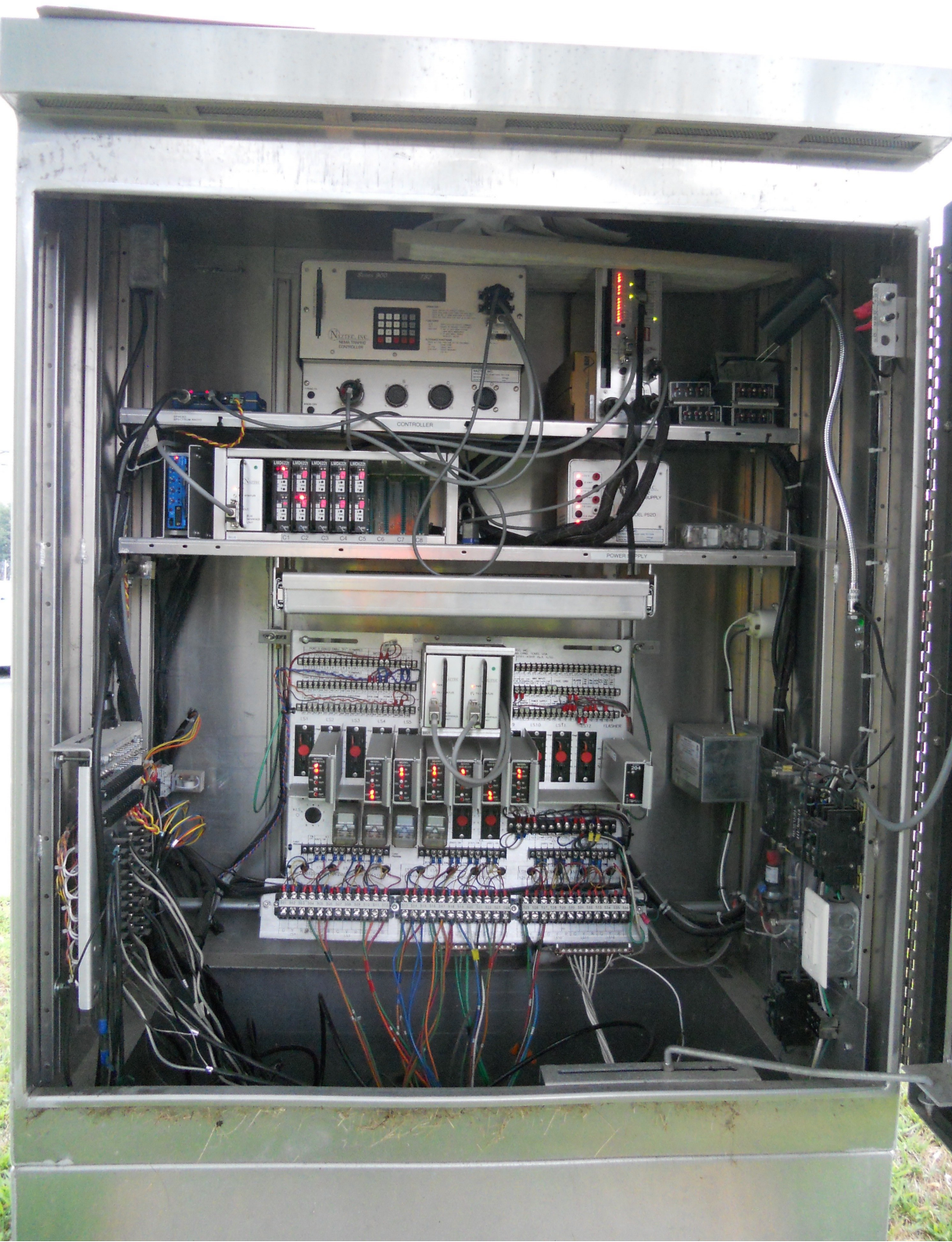
CONTROLLER



POWER SUPPLY







SPREAD
SPECTRUM RADIO

CONTROLLER

NAZTEC

PWR

TX / STATUS

P1
SDLC

BUS
INTERFACE
UNIT

BIU9

LMD622t
DET FLT

CH1

9

MODE
FREQ

SENS

DET FLT

CH2

-

MODE
FREQ

SENS

DET FLT

ED

LMD622t
DET FLT

H1

0

MODE
FREQ

SENS

DET FLT

H2

5

MODE
FREQ

SENS

DET FLT

ED

LMD622t
DET FLT

1

4

MODE
FREQ

SENS

DET FLT

2

0

MODE
FREQ

SENS

DET FLT

ED

LMD622t
DET FLT

3

4

MODE
FREQ

SENS

DET FLT

4

6

MODE
FREQ

SENS

DET FLT

ED

LMD622t
DET FLT

5

5

MODE
FREQ

SENS

DET FLT

6

5

MODE
FREQ

SENS

DET FLT

ED

C1

C2

C3

C4

C5

C6

C7

C8

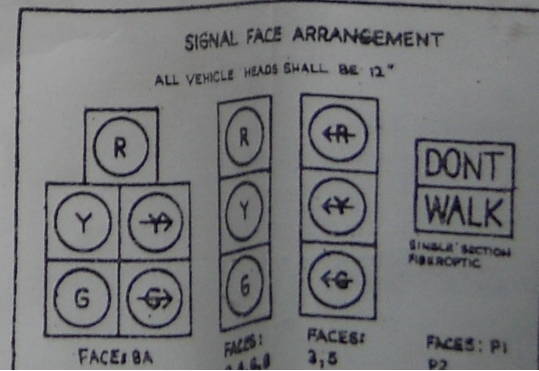
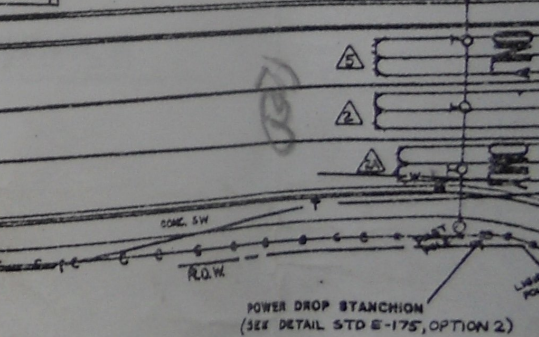
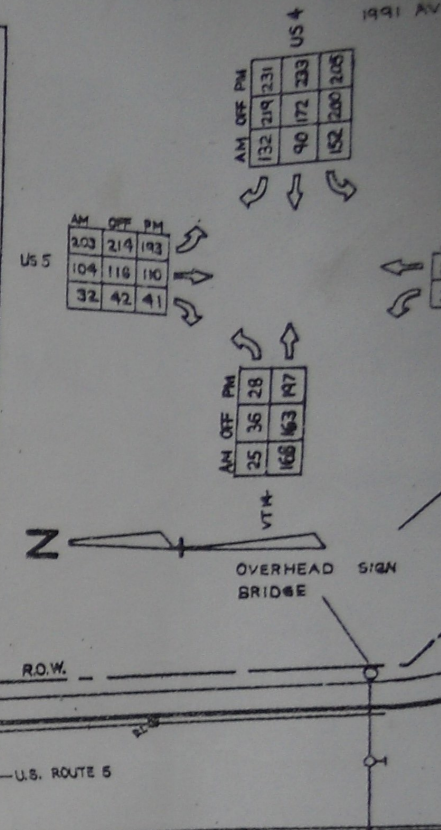
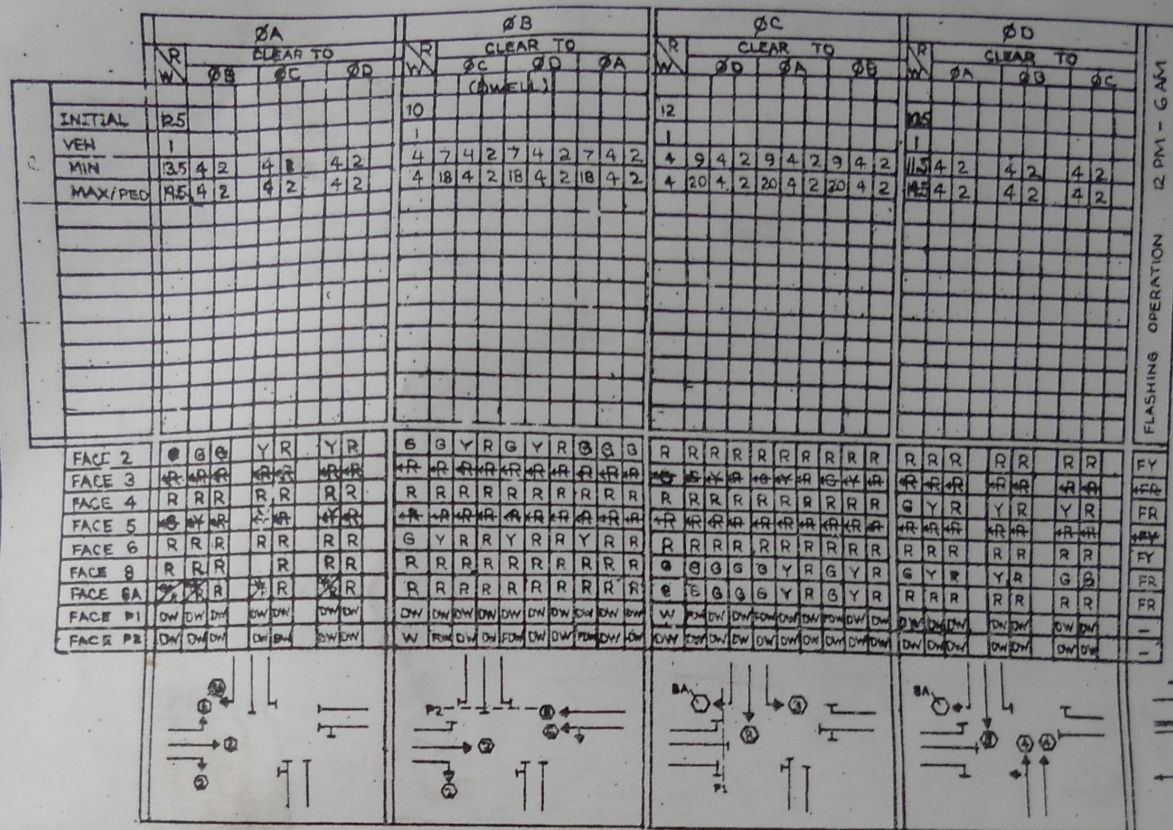


115VAC 1A
24VDC 1/2A

SPREAD
SPECTRUM RADIO

LMD622t
DET FLT
MODE
PREG

NAZTEC



FIELD TERMINATION
 US Highway 5/US Highway 4 (Hartford Avenue) @ Vermont Route 14/US Highway 4 (Maple Street)
 Hartford Vermont

STREET	PHASE	SIGNAL	GRN	YEL	RED	G	Y	WALK	DW
	#1		501	502	503				
Hartford SB	#2		504	505	506				
	#3		507	508	509				
Maple WB	#4		510	511	512				
Hartford SBLT	#5		513	514	515				
Hartford NB	#6		516	517	518				
Maple WBLT	#7		519	520	521				
Maple EB	#8		522	523	524				
Exclusive PED	#9PED							525	527
	#4PED							528	530
	#6PED							531	533
	#8PED							534	536

LOOPS

STREET	PHASE	LOOP LOCATION	PANEL TERMINATION	DELAY	EXT	NOTES
1 Hartford SB	#2		DT2 1&2			
2 Hartford SB	#2		DT2 3&4			
3 Hartford SBLT	#5		DT2 5&6			
4 Hartford NB	#6		DT2 7&8			
5 Maple WB	#4		DT2 9&10			
6 Maple WBLT	#7		DT2 11&12			
7 Maple EB	#8		DT3 1&2			
8	#		DT3 3&4			
9	#		DT3 5&6			
10	#		DT3 7&8			
11	#		DT3 9&10			
12	#		DT3 11&12			
13	#		DT4 1&2			
14	#		DT4 3&4			
15	#		DT4 5&6			
16	#		DT4 7&8			

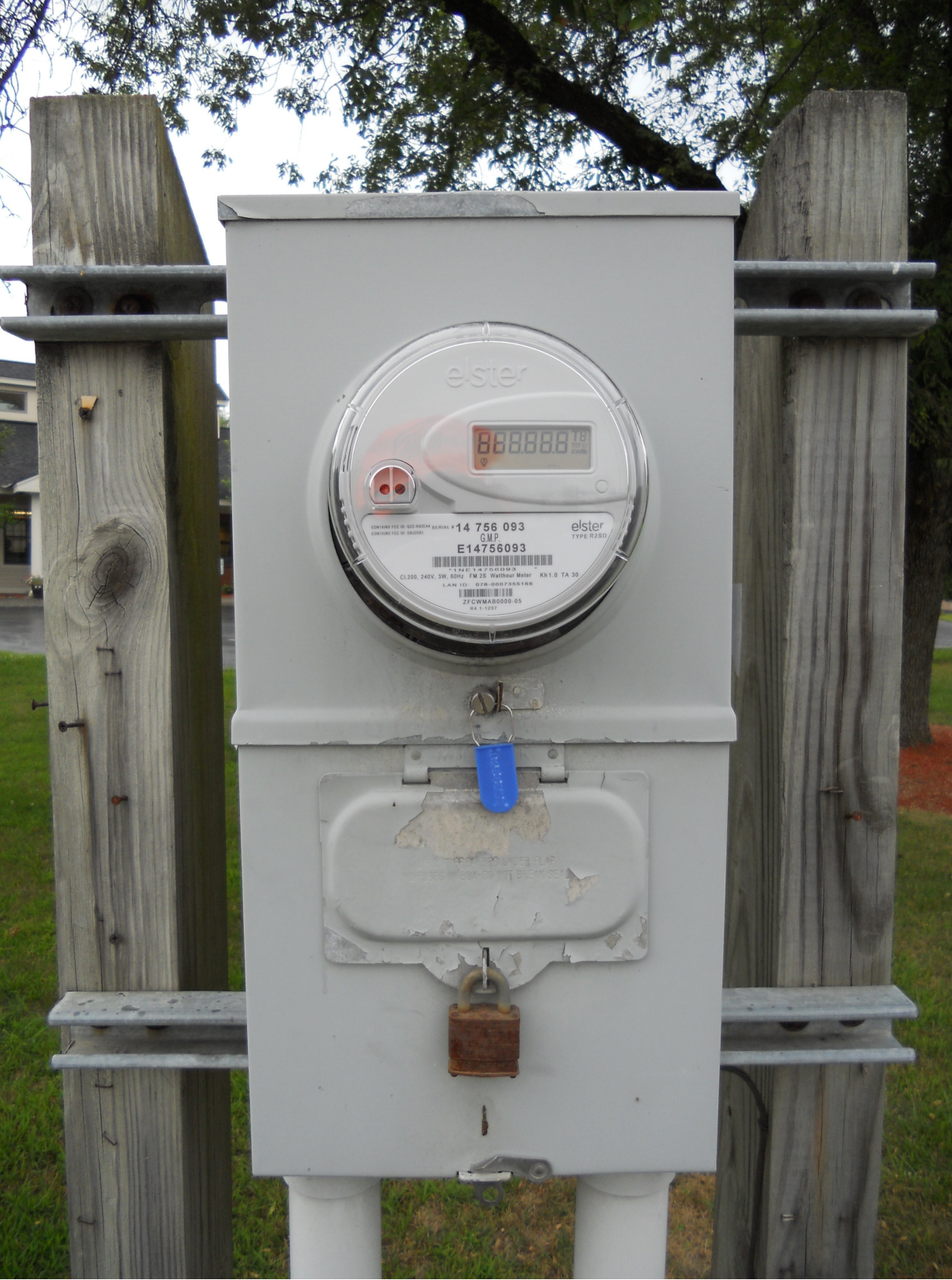
OVERLAPS
 OLA=
 OLB=
 OLC=
 OLD=
 OLE=
 OLF=

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	#9	DT4-9 AC
B	#	DT4-10 AC
C	#	DT4-11 AC
D	#	DT4-12 AC

CAROL (P) 20 AWG -- C69587 -- 75C E111240-8 CM (UL) CUL) OR RHM STYLE 247





Mascoma
Savings Bank
24 HOUR BANKING

ATM

EXIT 101
WEST

EXIT 101
EAST



















CO-OP
FOOD STORES

OPEN TO
EVERYONE,
EVERY DAY

ATC National Bank

ONLY

EAST
13-6'

13-6'

800 FT

Drive-Up ATM



10.75.215.8635.
50.76A.50.3GA



















20K

TRAFFIC
SIGNAL

SYNERTECH

























ONLY ONLY ONLY







LEFT LANE
MUST
TURN LEFT



















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	x
Min Green	5	5	5	5	5	5	5	5	0
Walk	0	0	0	0	0	0	0	0	0
Ped Clr	0	0	0	0	0	0	0	0	0
Veh Ext	0	2	0	2	2	2	2	3	0
MAX 1	0	32	0	31	17	19	14	13	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	6	COS	111				
Splits	Ph 1		Ph 2		Ph 3		Ph 4		
	Ph 5		Ph 6		Ph 7		Ph 8		
	Ph 9		Ph 10		Ph 11		Ph 12		
Pattern 2(21)									
Cycle Length	75	Offset	20	COS	211				
Splits	Ph 1		Ph 2		Ph 3		Ph 4		
	Ph 5		Ph 6		Ph 7		Ph 8		
	Ph 9		Ph 10		Ph 11		Ph 12		
Pattern 3									
Cycle Length	75	Offset	14	COS	311				
Splits	Ph 1		Ph 2		Ph 3		Ph 4		
	Ph 5		Ph 6		Ph 7		Ph 8		
	Ph 9		Ph 10		Ph 11		Ph 12		
Pattern 4									
Cycle Length	75	Offset	12	COS	411				
Splits	Ph 1		Ph 2		Ph 3		Ph 4		
	Ph 5		Ph 6		Ph 7		Ph 8		
	Ph 9		Ph 10		Ph 11		Ph 12		

Action Plan

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

Day Plan [1]

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