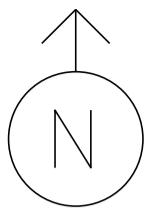


MS # 636 VT 100 NORTH



I-89 EXIT 10 RAMP



JB



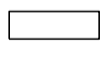
VIDEO CAMERA



CONTROL BOX



MAST ARM



VIDEO DETECTION

JB

JUNCTION BOX



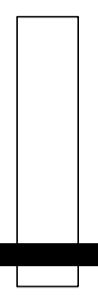
ROADWAY SIGN



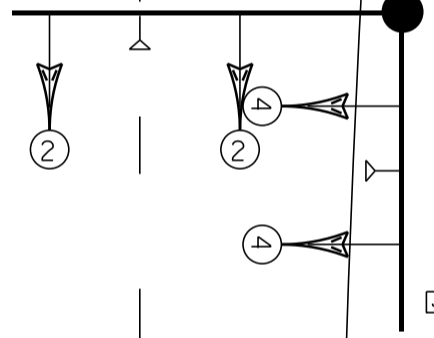
= NO TURN ON RED



= DO NOT ENTER

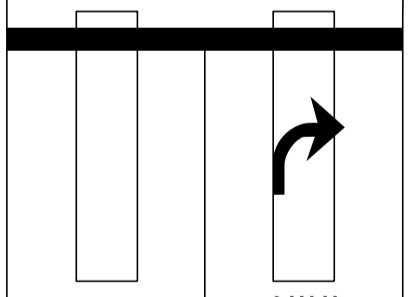


JB



JB

JB



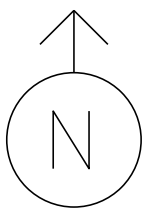
ONLY



VT 100 SOUTH

NOT TO SCALE

MS # 636 VT 100 NORTH



I-89 EXIT 10 RAMP

12'

12'

12'

STOP BAR 22'

12'

STOP BAR 22'

STOP BAR 22'

LANE LINE 75'



ONLY

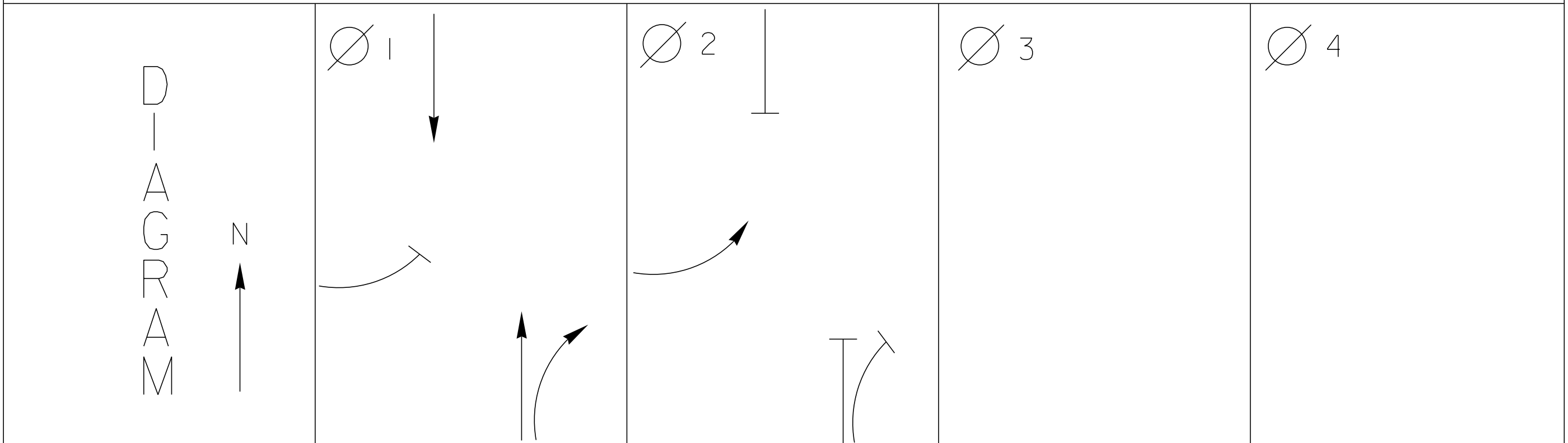
VT 100 SOUTH

12'

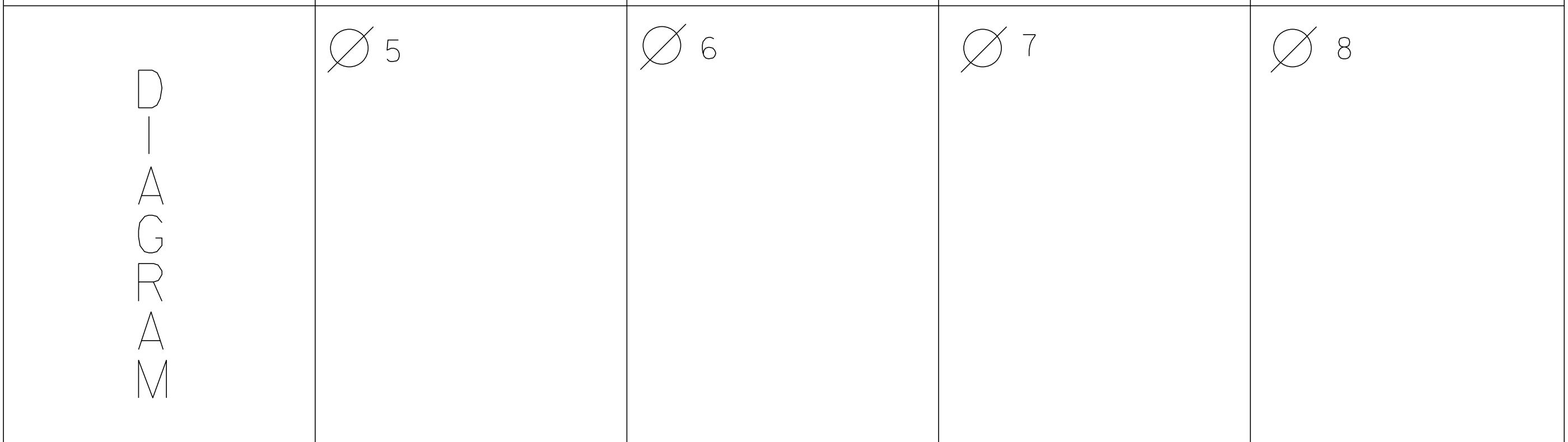
12'

12'

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 PEDESTRIAN	CYCLE LENGTH, C= _____ S
--	--------------------	--	--------------------------------------	--------------------------



WARNING
DANGER OF ELECTRIC SHOCK
DO NOT OPEN THE DOOR
UNLESS YOU ARE A QUALIFIED
ELECTRICIAN
ADVERTENCIA
Peligro de choque eléctrico
No abra la puerta a menos que
sea un electricista calificado

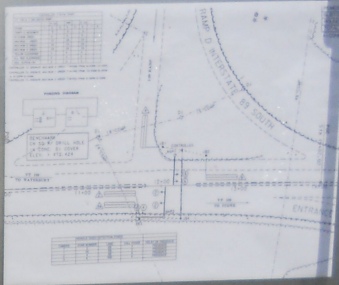
DANGER
115 VOLTS A.C.

WARNING
DO NOT OPERATE
CABINET WITHOUT
CMU/MMU

THAO ON 8-21-08

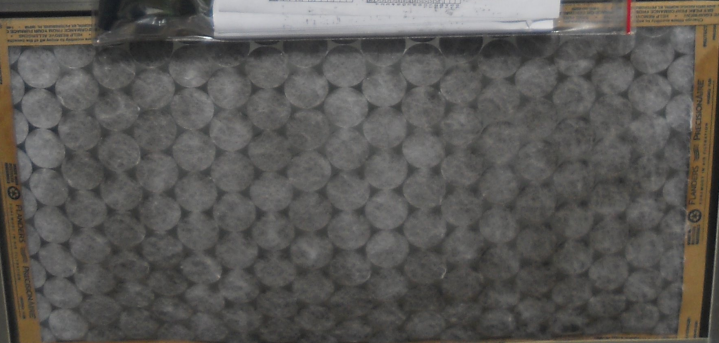
Highway Tech
Signal Equipment Sales, Inc.
1700 W. 10th St.
Midland, TX 79701

METEC, INC.
2525M LANG, TEXA
75705-4000



FIELD TERMINATION RECORD

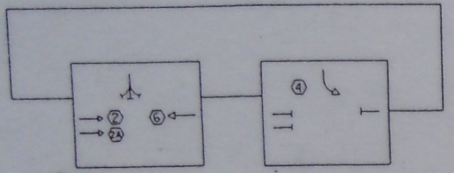
PORT	PAIR	TYPE	STATUS	TEST	DATE
1	1-2	100Ω	OK	100Ω	8/21/08
1	3-4	100Ω	OK	100Ω	8/21/08
1	5-6	100Ω	OK	100Ω	8/21/08
1	7-8	100Ω	OK	100Ω	8/21/08
1	9-10	100Ω	OK	100Ω	8/21/08
1	11-12	100Ω	OK	100Ω	8/21/08
1	13-14	100Ω	OK	100Ω	8/21/08
1	15-16	100Ω	OK	100Ω	8/21/08
1	17-18	100Ω	OK	100Ω	8/21/08
1	19-20	100Ω	OK	100Ω	8/21/08
1	21-22	100Ω	OK	100Ω	8/21/08
1	23-24	100Ω	OK	100Ω	8/21/08
1	25-26	100Ω	OK	100Ω	8/21/08
1	27-28	100Ω	OK	100Ω	8/21/08
1	29-30	100Ω	OK	100Ω	8/21/08
1	31-32	100Ω	OK	100Ω	8/21/08
1	33-34	100Ω	OK	100Ω	8/21/08
1	35-36	100Ω	OK	100Ω	8/21/08
1	37-38	100Ω	OK	100Ω	8/21/08
1	39-40	100Ω	OK	100Ω	8/21/08
1	41-42	100Ω	OK	100Ω	8/21/08
1	43-44	100Ω	OK	100Ω	8/21/08
1	45-46	100Ω	OK	100Ω	8/21/08
1	47-48	100Ω	OK	100Ω	8/21/08
1	49-50	100Ω	OK	100Ω	8/21/08
1	51-52	100Ω	OK	100Ω	8/21/08
1	53-54	100Ω	OK	100Ω	8/21/08
1	55-56	100Ω	OK	100Ω	8/21/08
1	57-58	100Ω	OK	100Ω	8/21/08
1	59-60	100Ω	OK	100Ω	8/21/08
1	61-62	100Ω	OK	100Ω	8/21/08
1	63-64	100Ω	OK	100Ω	8/21/08
1	65-66	100Ω	OK	100Ω	8/21/08
1	67-68	100Ω	OK	100Ω	8/21/08
1	69-70	100Ω	OK	100Ω	8/21/08
1	71-72	100Ω	OK	100Ω	8/21/08
1	73-74	100Ω	OK	100Ω	8/21/08
1	75-76	100Ω	OK	100Ω	8/21/08
1	77-78	100Ω	OK	100Ω	8/21/08
1	79-80	100Ω	OK	100Ω	8/21/08
1	81-82	100Ω	OK	100Ω	8/21/08
1	83-84	100Ω	OK	100Ω	8/21/08
1	85-86	100Ω	OK	100Ω	8/21/08
1	87-88	100Ω	OK	100Ω	8/21/08
1	89-90	100Ω	OK	100Ω	8/21/08
1	91-92	100Ω	OK	100Ω	8/21/08
1	93-94	100Ω	OK	100Ω	8/21/08
1	95-96	100Ω	OK	100Ω	8/21/08
1	97-98	100Ω	OK	100Ω	8/21/08
1	99-100	100Ω	OK	100Ω	8/21/08



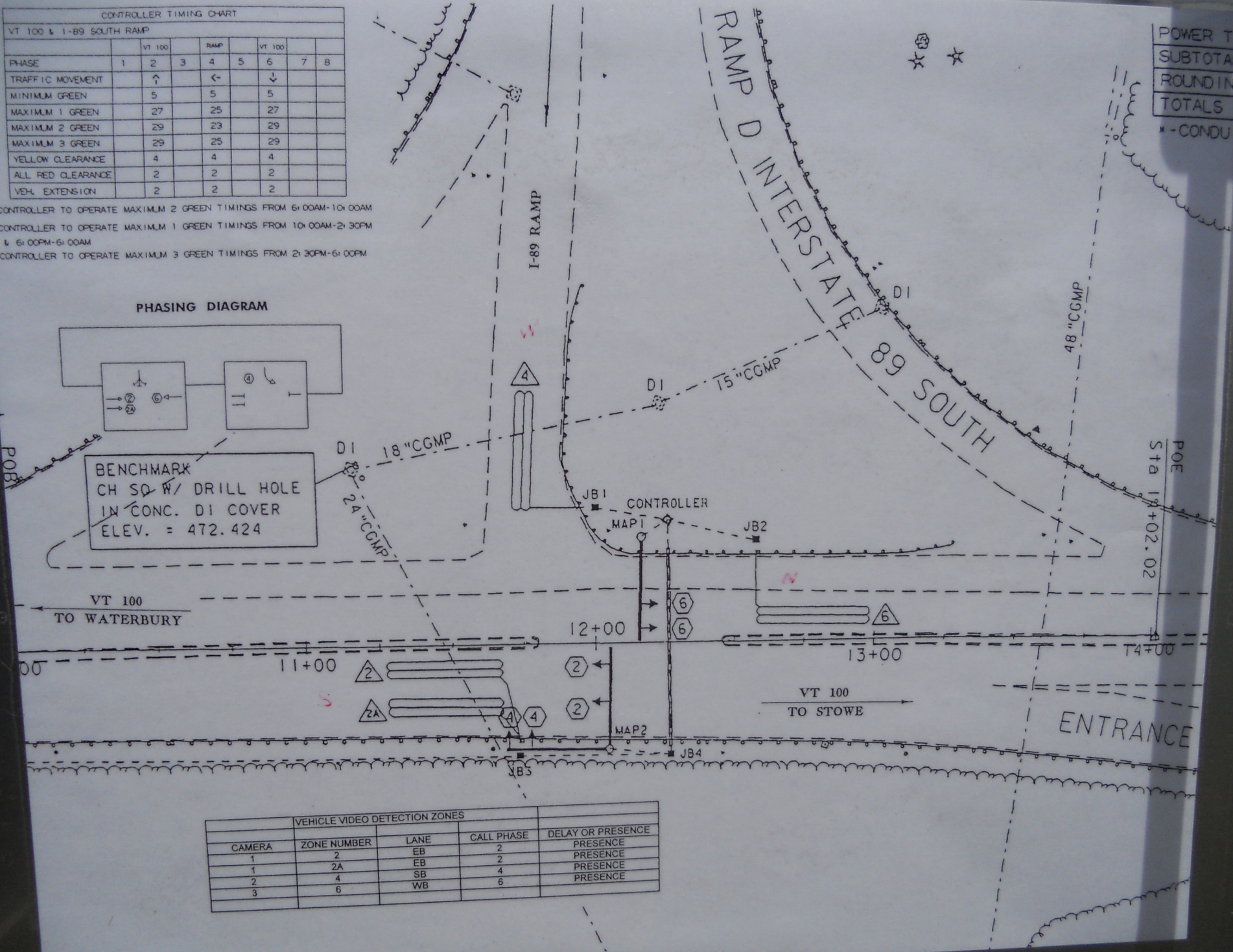
CONTROLLER TIMING CHART								
VT 100 & I-89 SOUTH RAMP								
PHASE	1	2	3	4	5	6	7	8
TRAFFIC MOVEMENT		↑		←		↓		
MINIMUM GREEN		5		5		5		
MAXIMUM 1 GREEN		27		25		27		
MAXIMUM 2 GREEN		29		23		29		
MAXIMUM 3 GREEN		29		25		29		
YELLOW CLEARANCE		4		4		4		
ALL RED CLEARANCE		2		2		2		
VEH. EXTENSION		2		2		2		

CONTROLLER TO OPERATE MAXIMUM 2 GREEN TIMINGS FROM 6:00AM-10:00AM
 CONTROLLER TO OPERATE MAXIMUM 1 GREEN TIMINGS FROM 10:00AM-2:30PM
 & 6:00PM-6:00AM
 CONTROLLER TO OPERATE MAXIMUM 3 GREEN TIMINGS FROM 2:30PM-6:00PM

PHASING DIAGRAM

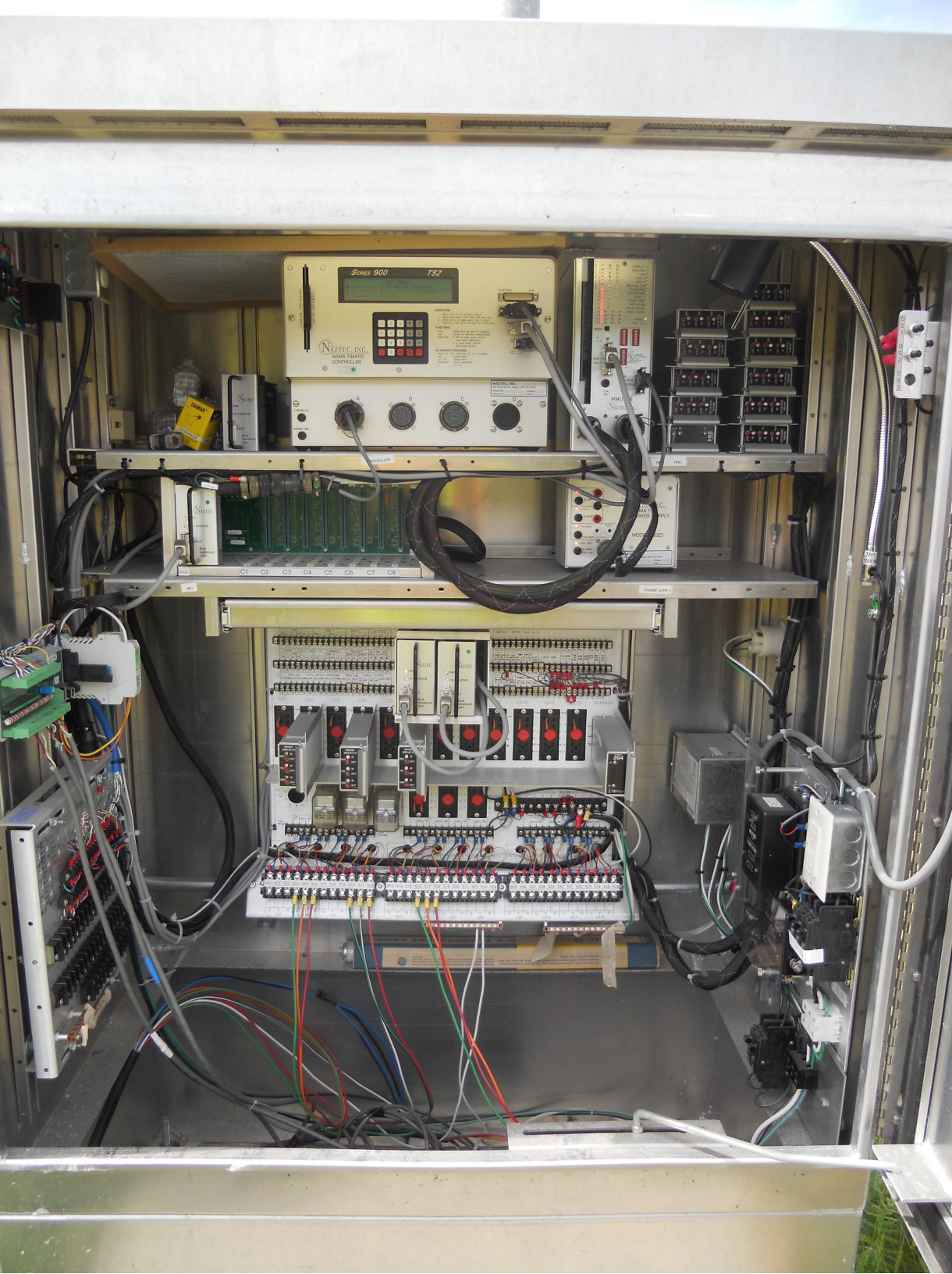


BENCHMARK
 CH SQ W/ DRILL HOLE
 IN CONC. DI COVER
 ELEV. = 472.424



POWER TO
SUBTOTAL
ROUNDING
TOTALS
- CONDUIT

VEHICLE VIDEO DETECTION ZONES				
CAMERA	ZONE NUMBER	LANE	CALL PHASE	DELAY OR PRESENCE
1	2	EB	2	PRESENCE
1	2A	EB	2	PRESENCE
2	4	SB	4	PRESENCE
3	6	WB	6	PRESENCE





Traffic light pole with a sign that reads "E 1".

Traffic light pole with two red lights.

↑

← ONE WAY

ICC Outdoor Store.com
Get it
Packed
Paid!

DS













↑
↗
ONLY

ONLY

NO
TURN
ON
RED

77

NO
LEFT
TURN

NO
LEFT
TURN



NO TURN ON RED

ONLY



ONE WAY







Date: 06/13/12

Timing Data:

Phase	1	2	3	4	5	6	7	8	9
Phases in use		x		x		x			
Min Green	0	8	0	8	0	8	0	0	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	4	0	2	0	4	0	0	0
MAX 1	0	27	0	25	0	27	0	0	0
MAX 2	0	0	0	0	0	0	0	0	0
MAX 3	0	0	0	0	0	0	0	0	0
Yellow	0	4	0	4	0	4	0	0	0
All Red	0	2	0	2	0	2	0	0	0
Recall to Max	0	0	0	0	0	0	0	0	0

Coordination Patterns: ACS3/Naztec Not Coordinated

Pattern 1							
Cycle Length	Offset		COS				
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	Offset		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	Offset		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

Day Plan [1]

Event	Action Plan	Step Begins
1	55	0000
2	2	0600
3	1	1000
4	3	1430
5	54	1800
6	55	2200

Action Plan

Action Plan	Pattern
1	1
2	2
3	3
5	254-FREE
5	255-FLASH