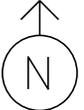


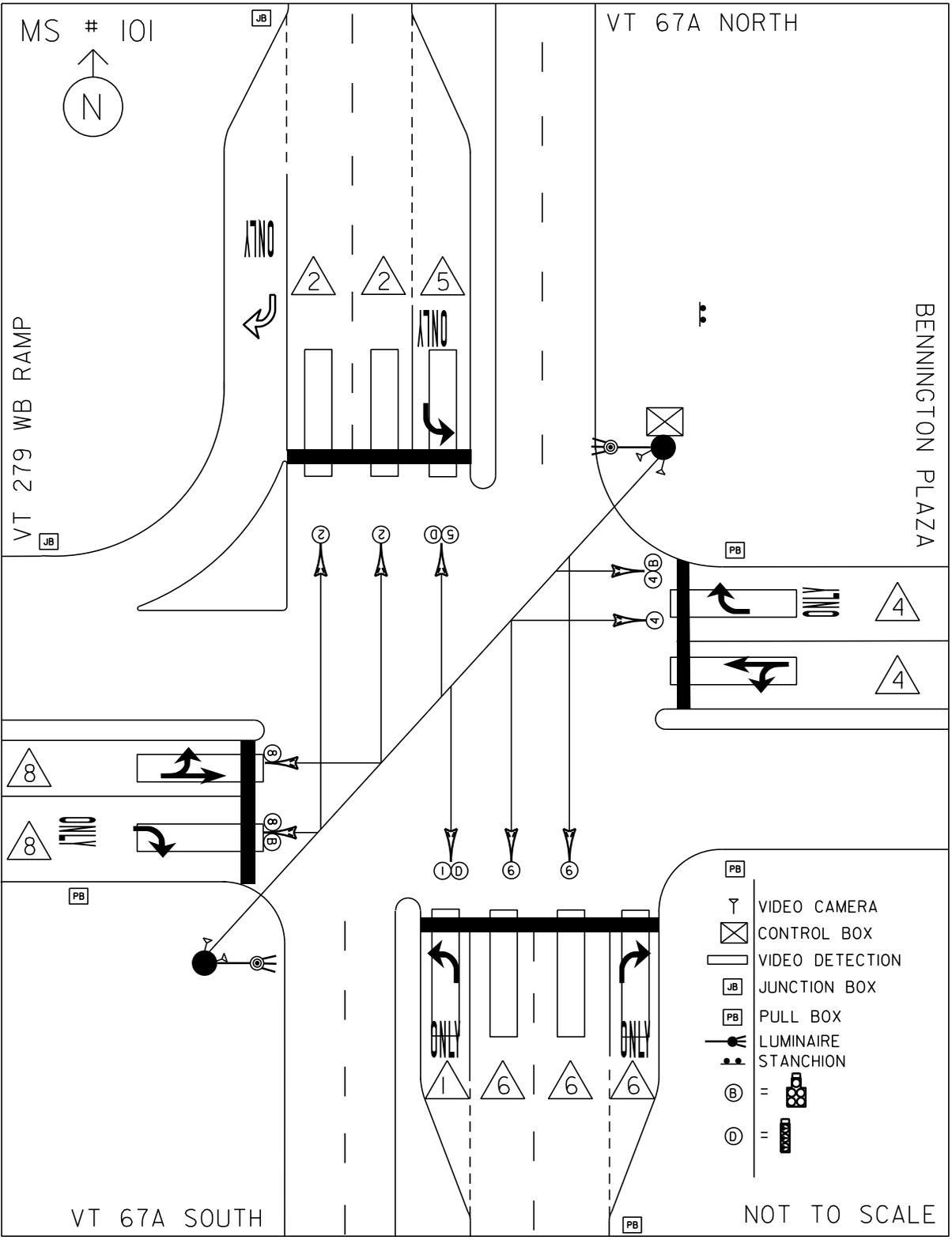
MS # 101

VT 67A NORTH



VT 279 WB RAMP

BENNINGTON PLAZA



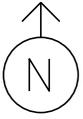
- VIDEO CAMERA
- CONTROL BOX
- VIDEO DETECTION
- JUNCTION BOX
- PULL BOX
- LUMINAIRE STANCHION
- =
- =

VT 67A SOUTH

NOT TO SCALE

MS # 101

VT 67A NORTH



BENNINGTON PLAZA

ONLY



12'

12'

12'

LANE LINE 170'

ONLY



12'

12'

12'

16'

STOP BAR 36'

20'

17'

STOP BAR 40'



ONLY

14'

LANE LINE 105'

12'



15'



STOP BAR 60'

LANE LINE 190'

18'

ONLY



STOP BAR 54'

22'

13'

12'

ONLY



12'

LANE LINE 190'

12'

12'

LANE LINE 150'

12'

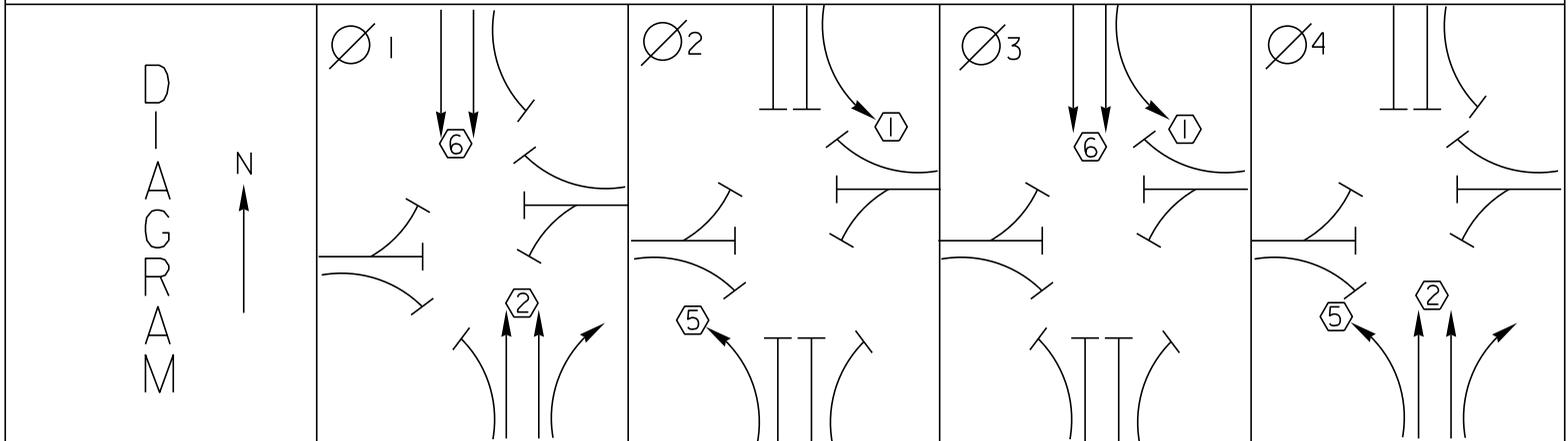
ONLY



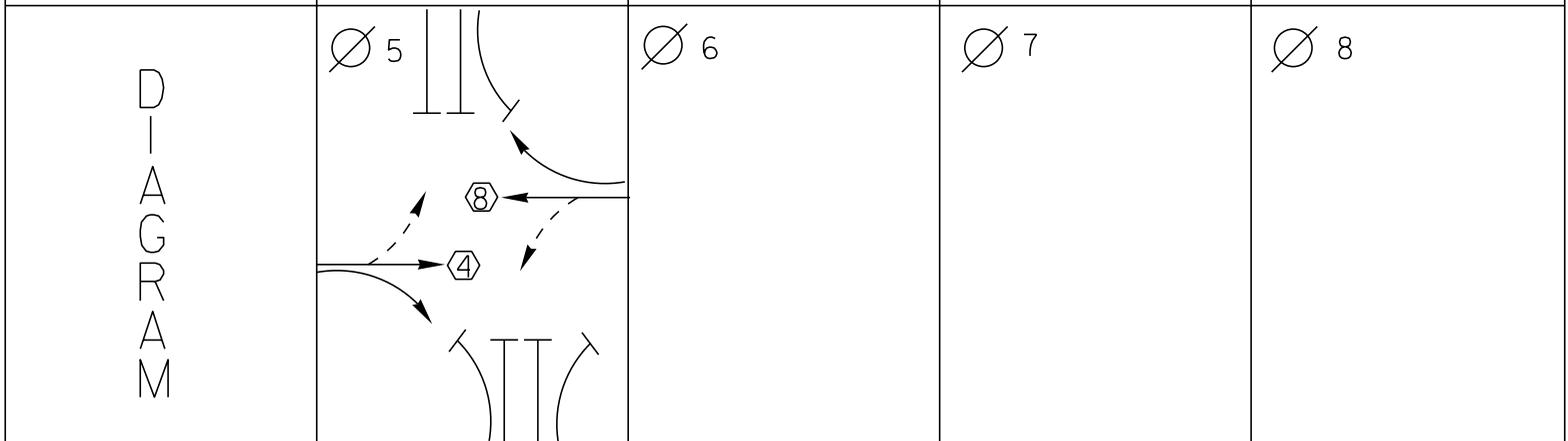
12'

VT 67A SOUTH

NOT TO SCALE



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



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

 <p>PROTECTED TURNS</p>	 <p>PERMITTED TURNS PEDESTRIAN</p>	CYCLE LENGTH, C= _____ S
---	---	--------------------------



PROPERTY OF  
VT. AGENCY OF TRANS.  
MAINTENANCE DIV.

IN EMERGENCY CALL:  
DIST. TRANS. OFFICE

447 21

NIGHT & WEEKENDS:

442 1030

INTERSECTION NO.

TURNER  
10-15-02

CONTROL SIGNALS  
OFF FLASH

MAIN STOP TIME  
ON OFF

TEST 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31-32

**WARNING**  
DO NOT OPERATE  
CABINET WITHOUT  
CONFLICT MONITOR UNIT

**DANGER**  
5 VOLTS A.C.

Wiring diagram and technical specifications are visible through a clear plastic window. The diagram includes labels for 'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z' and various electrical symbols and connections.

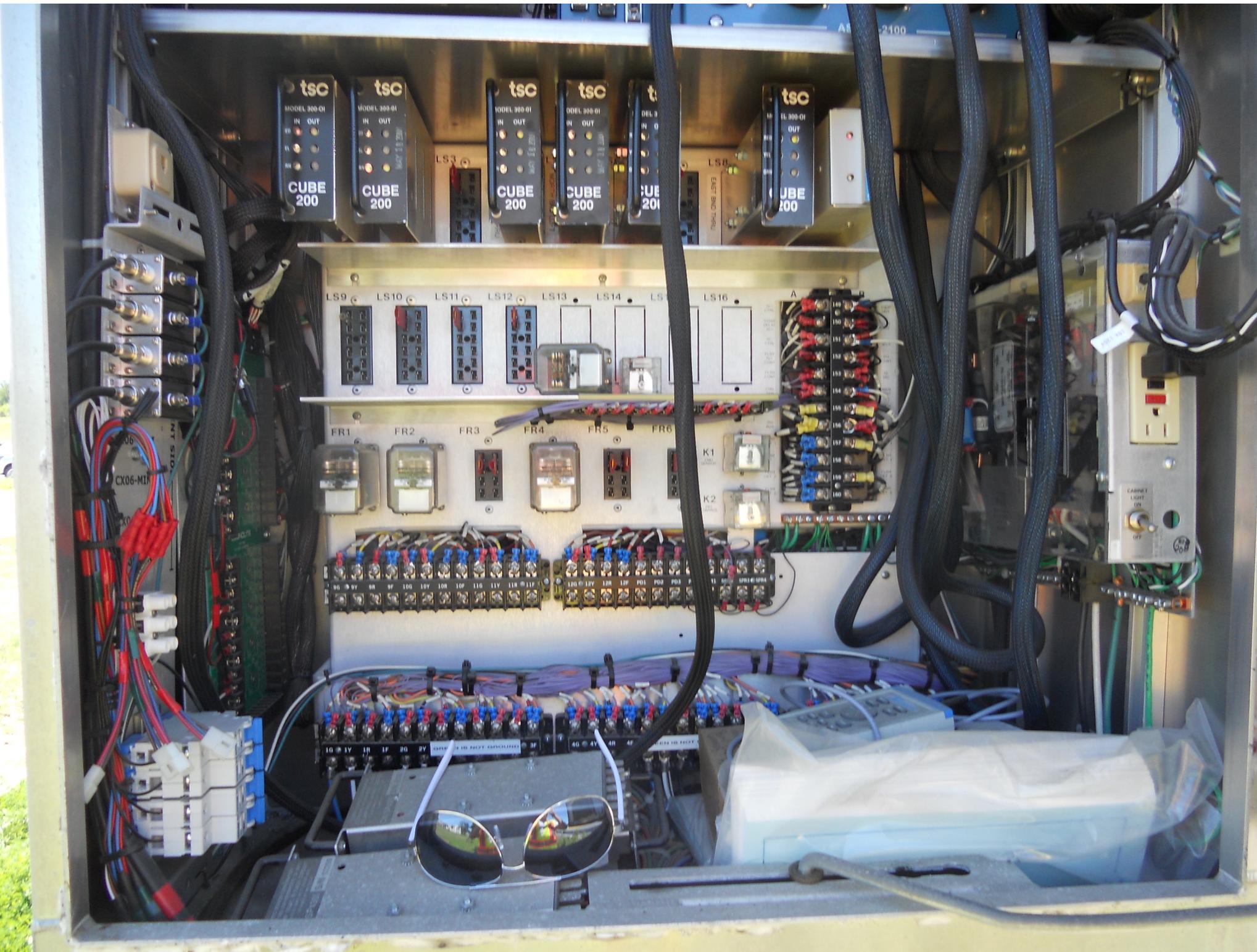
LOOPS

- 1 = 1 ANGE
- 2A, 2B = 1 GREEN
- 4A = 2 WHITE
- 4B = 1 WHITE
- 4C = 2 WHITE
- 5 = 4 WHITE
- 6A, 6B = BLACK
- 8A = 1 RED
- 8B = 1 YELLOW
- 8C = 2 ORANGE

COMMUNICATIONS EQUIPMENT

MADE IN THE U.S.A.











ONLY

70

70

70



TO  
7  
67A  
219  
279

ONLY



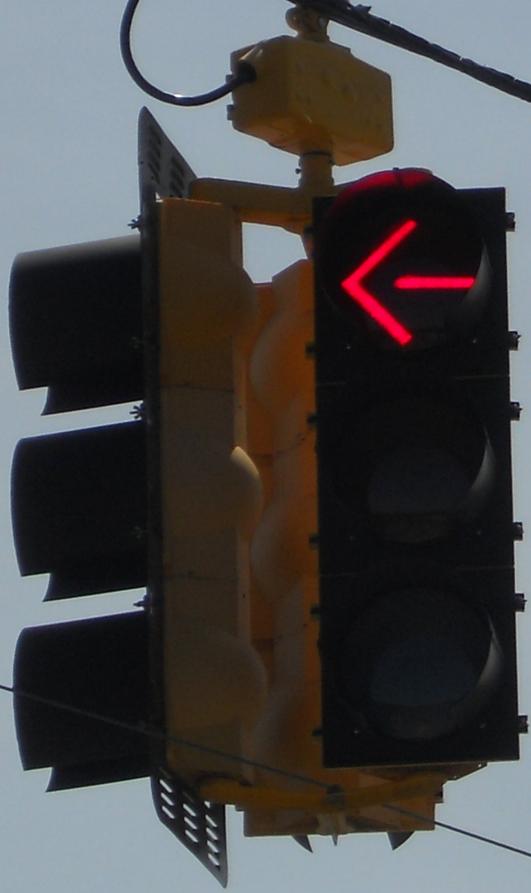


TO HISTORIC VERMONT 7A SOUTH VERMONT 67A  
TO EAST VERMONT 279  
TO NY WEST VERMONT 279













ONLY

109  
7  
67A 67A

CO. 109

SUBARU BENNINGTON



TO  
HISTORIC  
VERMONT  
7A

NORTH  
VERMONT  
67A

SOUTH  
VERMONT  
67A



BRAUN'S  
EXPRESS

ONLY



SUBARU

SALES

SALES

BENNING









3E-23.5X38'

55KSI

2001

UNION METAL CORPORATION



TO  
NY  
7

WEST  
VERMONT  
279

NORTH  
VERMONT  
67A



SUBARU

Pre-Owned Vehicles



SUBARU

Pre-Owned Vehicles

ONLY ↑↑ ONLY





Walmart

25

Yellow diamond warning sign

7

Walmart

Orange traffic cone



**BENNINGTON PLAZA PVT**











JE-23.5X38

55KSI

2001

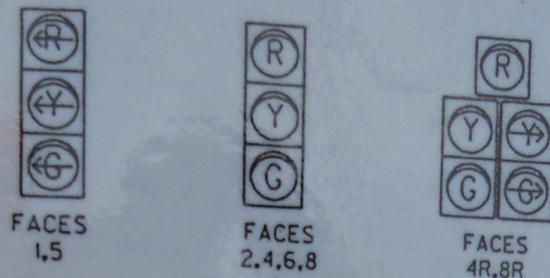
UNION METAL CORPORATION



RESISTANCE (Ω @ 25°C)		(M Ω)
MEASURED	CALCULATED	LEAKAGE TO GROUND
	1.19	
	1.31	
	0.72	
	0.22	
	0.77	
	0.73	
	1.63	
	1.48	
	1.00	
	1.54	

CALCULATED VALUES ARE AT THE CONTROLLER.  
VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.

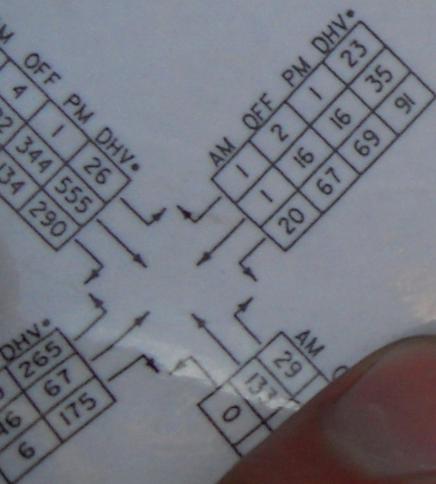
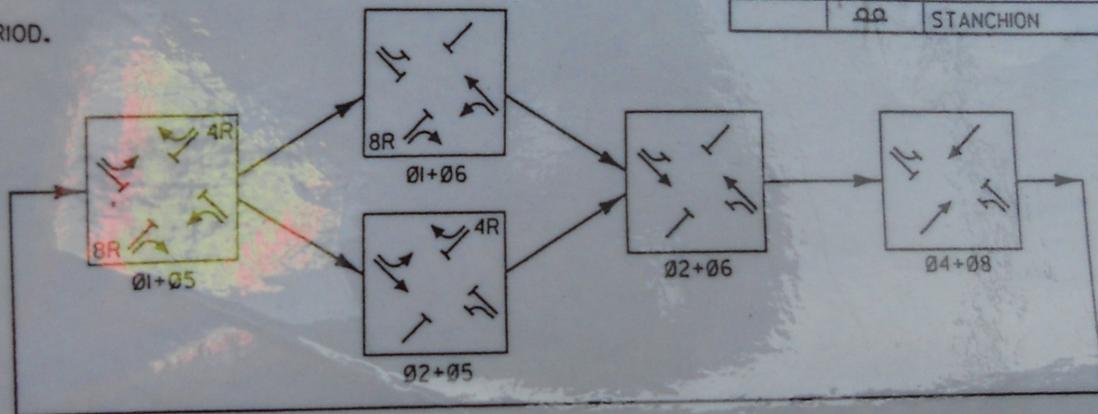
## SIGNAL FACE ARRANGEMENT 300mm LENSES



### LEGEND

EXISTING	NEW	DESCRIPTION
		UTILITY POLE
		LUMINAIRE
		LIGHT OR WOOD POLE
		STRAIN POLE
		CONTROLLER CABINET
		PULLBOX/JUNCTION BOX
		SIGNAL HEAD
		CONDUIT
		VEHICLE LOOPS
		PEDESTAL POST
		OVERHEAD TRAFFIC SIGN
		STANCHION

### PHASING DIAGRAM



### CONTROLLER TIMING CHART

LOCAL PROGRAMMING	PHASE							
	1	2	3	4	5	6	7	8
MINIMUM GREEN	8	17		12	8	17		12
EXTENSION	2.0	5.0		2.0	2.0	5.0		2.0
YELLOW CLEARANCE	4.0	4.0		4.0	4.0	4.0		4.0
ALL RED CLEARANCE	2.0	2.0		2.0	2.0	2.0		2.0
	14	29		29	14	29		29





Coordination Patterns

```

-----
Pattern 1
Cycle Length . . . 90   COS . . . . . 111
Offset . . . . . 10
Vehicle Permissive . . [1]   0   [2]   0
Vehicle Perm 2 Displacement 0   Phase Reservice. . . NO
Splits:   Phase 1- 20 2- 35 3- 0 4- 35
           Phase 5- 20 6- 35 7- 0 8- 35
           Phase 9- 0 10- 0 11- 0 12- 0   Split Sum: 0
Split Extension/Ring [1]   0   [2]   0
Split Demand Pattern [1]   0   [2]   0
XRT Pattern. . . 0
  Phase Number: 1 2 3 4 5 6 7 8 9 10 11 12
Coord Phases . . . X . . . X . . . . .
Veh Recall . . . . . . . . . . . . .
Veh Max Recall . . . . . . . . . . . .
Ped Recall . . . . . . . . . . . . .
Veh Omit . . . . . . . . . . . . .
Alt Sequence . . A: . B: . C: . D: . E: . F: .
-----
    
```

```

-----
Pattern 2
Cycle Length . . . 90   COS . . . . . 211
Offset . . . . . 8
Vehicle Permissive . . [1]   0   [2]   0
Vehicle Perm 2 Displacement 0   Phase Reservice. . . NO
Splits:   Phase 1- 20 2- 35 3- 0 4- 35
           Phase 5- 20 6- 35 7- 0 8- 35
           Phase 9- 0 10- 0 11- 0 12- 0   Split Sum: 0
Split Extension/Ring [1]   0   [2]   0
Split Demand Pattern [1]   0   [2]   0
XRT Pattern. . . 0
  Phase Number: 1 2 3 4 5 6 7 8 9 10 11 12
Coord Phases . . . X . . . X . . . . .
Veh Recall . . . . . . . . . . . . .
Veh Max Recall . . . . . . . . . . . .
Ped Recall . . . . . . . . . . . . .
Veh Omit . . . . . . . . . . . . .
Alt Sequence . . A: . B: . C: . D: . E: . F: .
-----
    
```



NIC Program Steps

-----

Step	Program	Step Begins	Pattern	Override
1	1	0600	1	NO
2	1	0900	2	NO
3	1	2200	0	NO

TOD Program Steps

-----

Step 1            Program 1            Step Begins    0000

Flash. . . . . X            Dimming Enable. . . . .  
 Red Rest . . . . .            Alt Veh Extension . . . . .  
 Spare 5. . . . .            Det Log Enable. . . . .  
 Spare 3. . . . .            Spare 4 . . . . .  
 Type 0 Dly Enable. . . . . Spare 2 . . . . .  
 Det Diag Plan. . . . . 0

	Phase Number											
	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Max 3 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit. . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Special Function . . . . .	.	.	.	.	.	.	.	.	.	.	.	.

	A	B	C	D	E	F
Alt Sequence . . . . .	.	.	.	.	.	.

-----

Step 2            Program 1            Step Begins    0600

Flash. . . . .            Dimming Enable. . . . .  
 Red Rest . . . . .            Alt Veh Extension . . . . .  
 Spare 5. . . . .            Det Log Enable. . . . .  
 Spare 3. . . . .            Spare 4 . . . . .  
 Type 0 Dly Enable. . . . . Spare 2 . . . . .  
 Det Diag Plan. . . . . 0

	Phase Number											
	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Max 3 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit. . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Special Function . . . . .	.	.	.	.	.	.	.	.	.	.	.	.

	A	B	C	D	E	F
Alt Sequence . . . . .	.	.	.	.	.	.

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