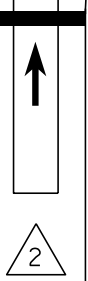
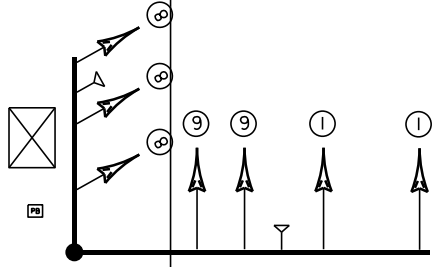
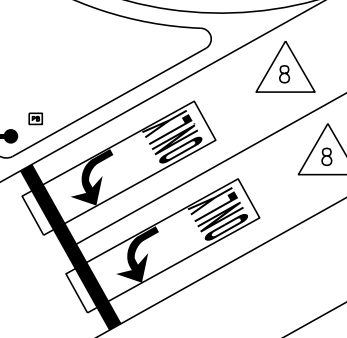
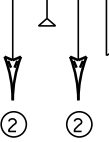
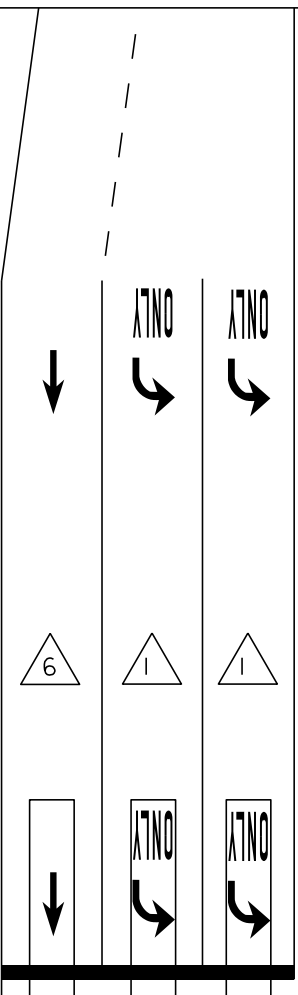
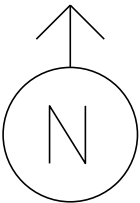


US 7 NORTH

MS # 804



US 7 SOUTH

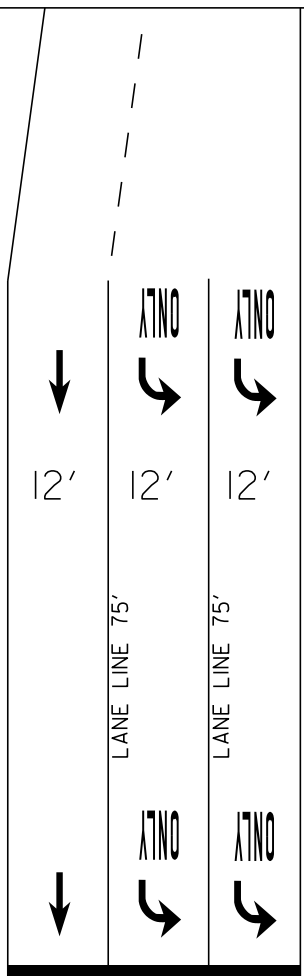
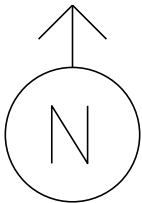
VT 207 NORTH

- VIDEO CAMERA
- CONTROL BOX
- MAST ARM
- VIDEO DETECTION
- PULL BOX

NOT TO SCALE

US 7 NORTH

MS # 804



YIELD

LANE LINE 75'

LANE LINE 75'

STOP BAR 22'

VT 207 NORTH

STOP BAR 22'

12'

12'

12'



US 7 SOUTH

NOT TO SCALE

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



Property of
VI Agency of Trans.
Maintenance Div.
a. Emergency Unit
Unit - Trans. Ohio
670-771 544-5425
Notes & Remarks
Transducer No. MS 804

Property of

Vt. Agency of Trans.

Maintenance Div.

In Emergency Call:

Dist. Trans. Office

878-7111 524-5926

Nights & Weekends

Intersection No. MS 804

WARNING

DO NOT OPERATE
CABINET WITHOUT
CONFLICT MONITOR UNIT

DANGER

115 VOLTS A.C.

TURNION
10/2/1978

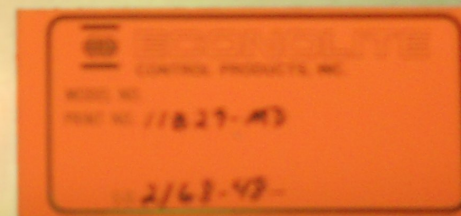
CAUTION
DO NOT TOUCH
THIS SURFACE
OR YOU WILL BE
BURNED
10-17-78

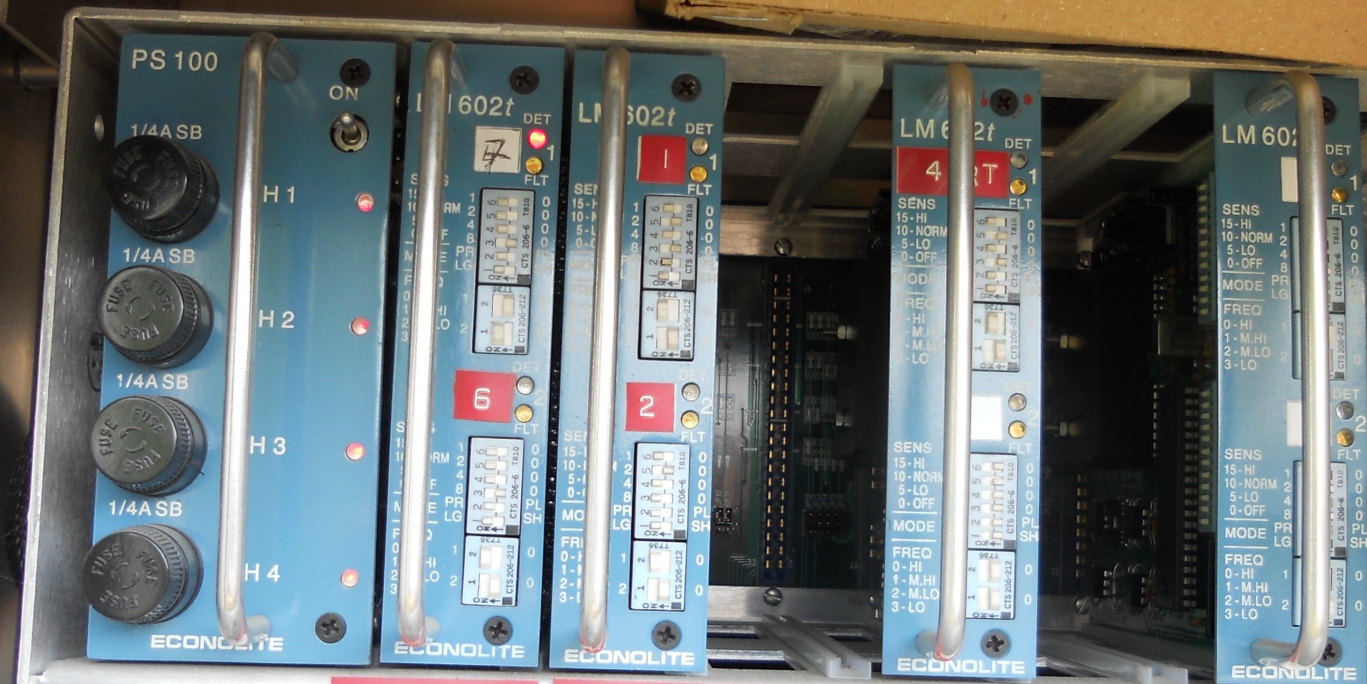
CONTROL
ON
OFF
AUTO
FLASH
STOP
SWITCH
ON
OFF

U2
U4
U5
U6

TURMIO

10/8/1998





VT-207

U.S.-7 S.B.L.T.

VT-207 R.T.

U.S.-7 S.B.

U.S.-7 N.B.

PS 100
CH1
CH2
CH3
CH4
ECONOLITE
VT-207 U.S.-7 S.B.L.T. VT-207 R.T.

ECONOLITE
CONTROL PRODUCTS, INC.

951

F1 MAIN MENU F2 NEXT SCREEN F3 SUB MENU F4 NEXT DATA F5 DISPLAY ADJUST F6 NEXT PAGE F7 STATUS DISPLAY F8 HELP

ENTER

1 2 3
4 5 6
7 8 9
0 CLEAR

RESET AFTER MODIFYING SWITCHES

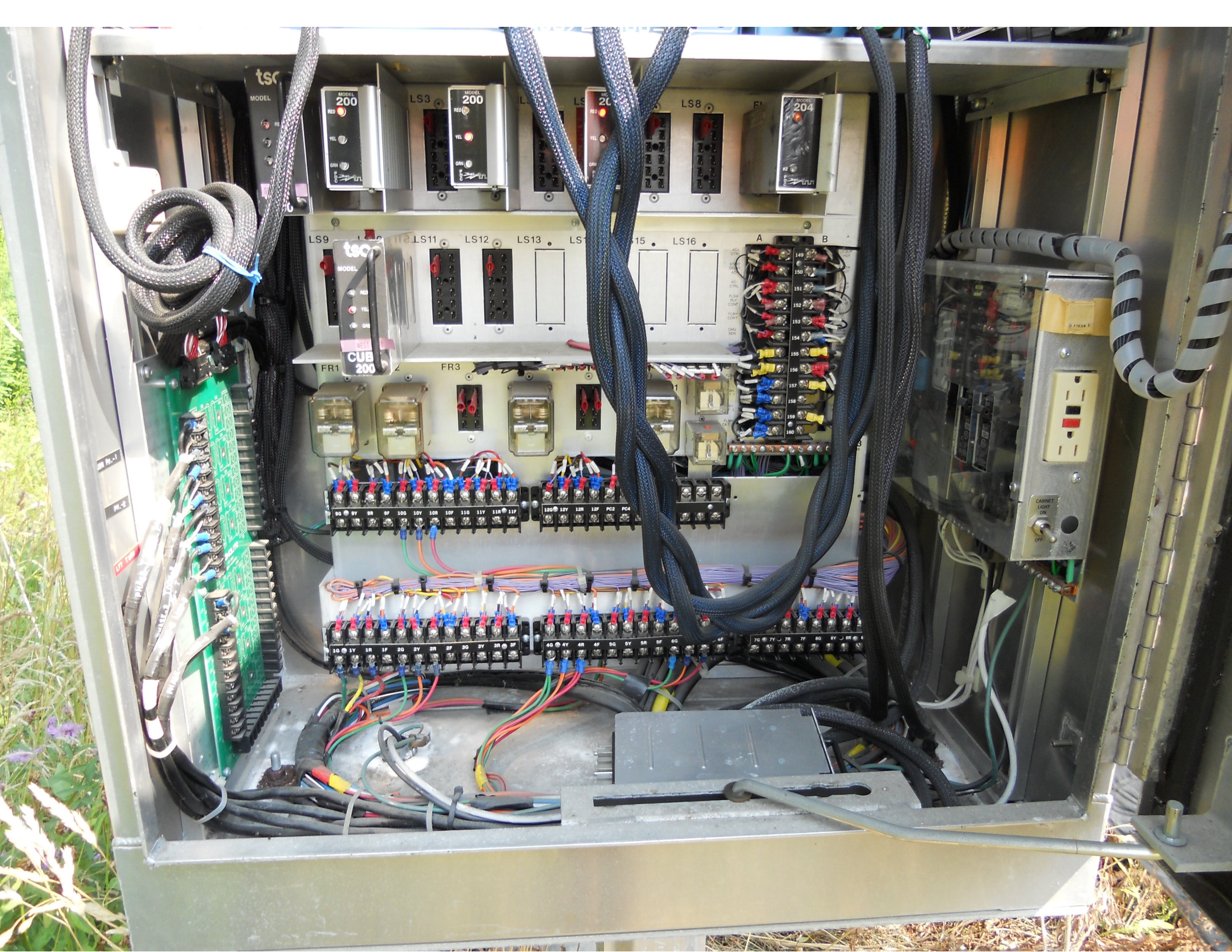
MIN FLASH DUAL SEL. OPTIONS

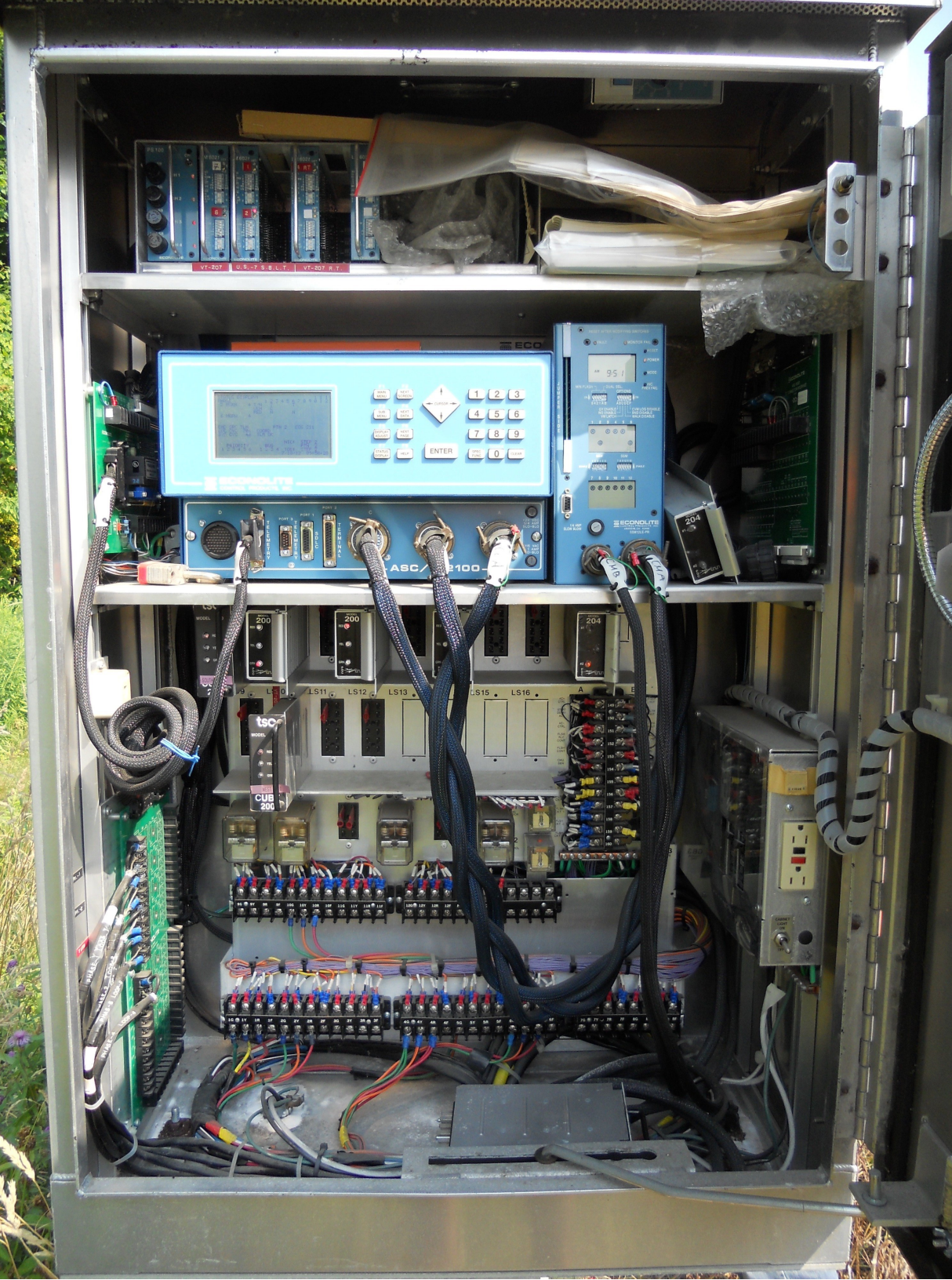
1 2 3 4 5 6
7 8 9 10 11 12

ECONOLITE
CONTROL PRODUCTS, INC.

204

1 2 3 4 5 6 7 8 9 10 11 12







NORTH	NORTH	TO
7	VERMONT 207	INTERSTATE 89
↑	→	→









SWANTON RD
HIGHGATE RD

STOP



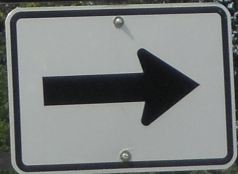
ONLY ONLY

← ST ALBANS 2

SWANTON 7 →

SOUTH

NORTH







SWANTON RD

HIGHGATE RD

STOP
HERE ON
RED













79.50" DIA
23 FT 55 KSI
764 7.00" DIA
22 FT



TO

SOUTH

INTERSTATE
89

7













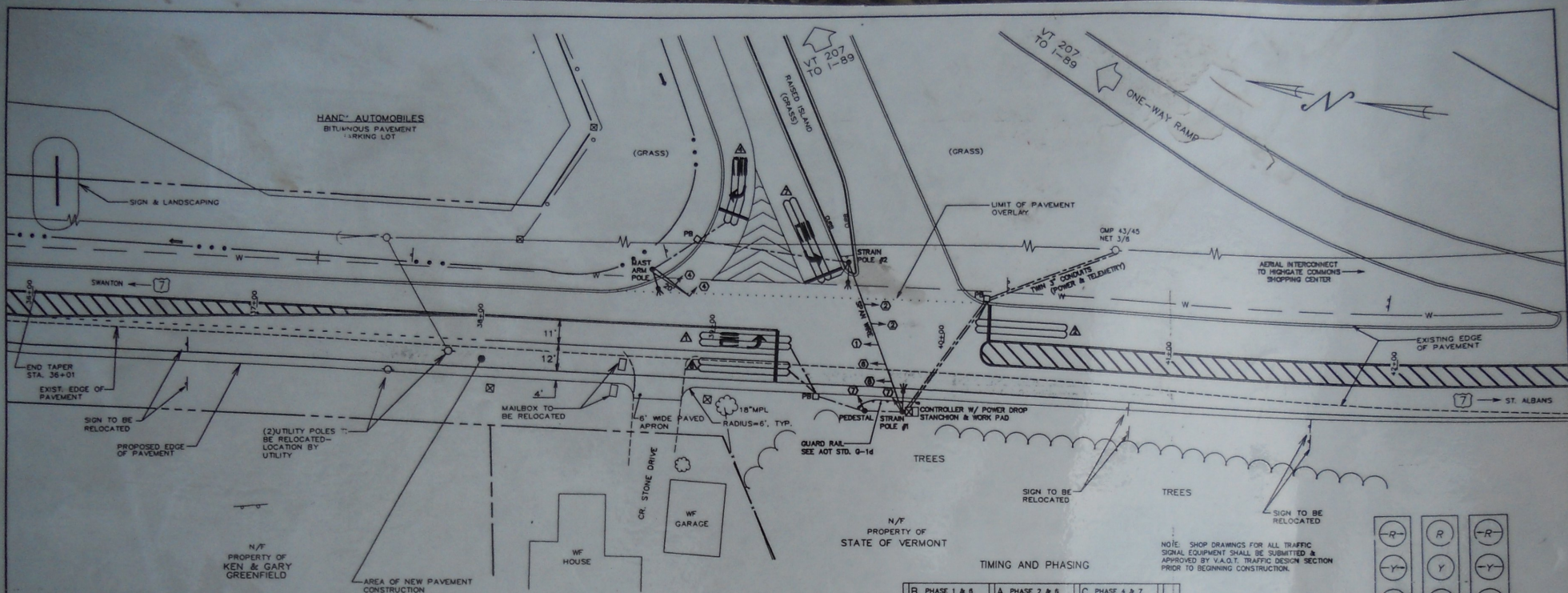
Height Gage Dia.
32.0' 3 ga. 13.0"
Bolt Dia. Yield
1 3/4" 4700









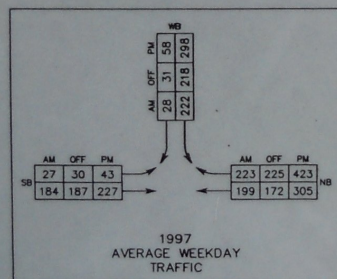


LEGEND

- EXIST. REINFORCED CONCRETE MONUMENT
- EXIST. UTILITY POLE
- DRAIN MANHOLE
- ELEVATION BENCHMARK
- EXISTING TREE
- PROPERTY LINE
- RIGHT-OF-WAY
- EXIST. SWALE
- EXIST. BARBED WIRE FENCE
- EXIST. CHAIN LINK/WOVEN WIRE FENCE
- EXIST. OVERHEAD POWER/TELEPHONE
- EXIST. WATER MAIN
- PULL BOX (TRAFFIC SIGNAL)
- SIGNAL CONDUIT

LOOP NO.	LANE	CALL #	SIZE	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE CALC. ACT.	RESISTANCE CALC. CT.	LEAKAGE TO GROUND	LOOKING MEMORY
1	LT. TURN	1	6x40	QUAD. 2	PRESNCE	355	0.78		OFF
2	THRU	2	6x40	QUAD. 2	PRESNCE	357	0.80		ON
4	RT. TURN	7	6x30	QUAD. 2	PRESNCE	312	1.12		OFF
6	THRU	7	6x40	QUAD. 2	PRESNCE	353	0.75		ON
7	LT. TURN	8	6x40	QUAD. 2	PRESNCE	375	1.03		OFF

MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.

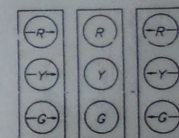


1997
AVERAGE WEEKDAY
TRAFFIC

TIMING AND PHASING

	B PHASE 1 & 5	A PHASE 2 & 6	C PHASE 4 & 7	
	PHASE 1 & 5	PHASE 2 & 6	PHASE 4 & 7	
AM PEAK 8:00-9:00	VEH. EXT. 1	1	1	
	MIN. GRN. 8 4 2 4 2	8 4 2	8 4 2	
	MAX 1 10	22	23	
	MAX 2 10	22	23	
OFF PEAK 9:00-4:00	VEH. EXT. 1	1	1	
	MIN. GRN. 8 4 2 4 2	8 4 2	8 4 2	
	MAX 1 10	22	20	
	MAX 2 10	22	22	
PM PEAK 4:00-6:00	VEH. EXT. 1	1	1	
	MIN. GRN. 8 4 2 4 2	8 4 2	8 4 2	
	MAX 1 10	21	23	
	MAX 2 10	25	28	
FACE 1	⊕ ⊕ ⊕ ⊕ Y R	R R R R R R	R R R R R R	FR
FACE 2	R R R R R R	G Y R Y R	R R R R R R	FR
FACE 4	⊕ ⊕ ⊕ ⊕ Y R	G Y R Y R	⊕ ⊕ ⊕ ⊕ Y R	FR
FACE 6	G G G Y R	G Y R Y R	R R R R R R	FR
FACE 7	R R R R R R	R R R R R R	⊕ Y R Y R	FR

* COORDINATED
W/ US-7 THRU
PHASE @ H.C.
SHOPPING CENTER

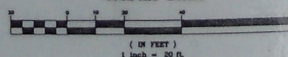


SIGNAL FACE ARRANGEMENT
ALL 12" LENS

LIST OF MAJOR EQUIPMENT

EQUIPMENT ITEM - 678.15	QUANTITY
STRAIN POLES	2
MAST ARM POLE	1 W/20' ARM
10' PEDESTAL	1
POWER DROP STANCHION	1
NEW 12" TRAFFIC SIGNAL HEADS	5--SPAN WIRE 2--MAST ARM 1--POST TOP 1--BRKT. MNT.
W/ TUNNEL VISORS, DISCONNECT HANGERS & MOUNTING HARDWARE	9
ONE-WAY 3-SECTION HEADS	9
CONTROLLER/CABINET	1
LUMINAIRES	3

GRAPHIC SCALE



FILE NAME: 00101

2	REVISE DETECTOR LOOP TABLE & REVISE PHASING TABLE	5/3/97
1	SUPPLEMENT PLAN AND NOTES, REVISE DETECTOR LOOP TABLE & REVISE PHASING TABLE	5/4/97
0	REVISION	DATE
DESIGNED	C.C.E.	DATE
DRAWN	RMA	DATE
CHECKED	NPN	DATE
IN CHARGE	RMA	DATE
SCALE	1"=20'	
PROJECT NO.	6375.07	

TRAFFIC SIGNAL PLAN
ROUTES 7 & 207
INTERSECTION
ST. ALBANS, VERMONT

6375.07

Dimming:

[illegible]

Coordination Patterns

Pattern 1

Cycle Length . . . 64 COS 111

Offset 17

Vehicle Permissive . . [1] 0 [2] 0

Vehicle Perm 2 Displacement 0 Phase Reservice. . NO

Splits: Phase 1- 17 2- 19 3- 0 4- 28

Phase 5- 0 6- 36 7- 0 8- 0

Phase 9- 0 10- 0 11- 0 12- 0 Split Sum: 0

Split Extension/Ring [1] 2 [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 . . . 72 COS 211

Offset 6

Vehicle Permissive . . [1] 0 [2] 0

Vehicle Perm 2 Displacement 0 Phase Reservice. . NO

Splits: Phase 1- 15 2- 28 3- 0 4- 29

Phase 5- 0 6- 43 7- 0 8- 0

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 3

Cycle Length . . . 66 COS 311

Offset 17

Vehicle Permissive . . [1] 0 [2] 0

Vehicle Perm 2 Displacement 0 Phase Reservice. . NO

Splits: Phase 1- 14 2- 25 3- 0 4- 27

Phase 5- 0 6- 39 7- 0 8- 0

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: .

[illegible]

NIC Program Steps

Step	Program	Step Begins	Pattern	Override
1	1	0600	1	NO
2	1	0900	2	NO
3	1	1530	3	NO
4	1	1800	2	NO
5	1	2200	0	NO
6	2	0600	2	NO
7	2	2200	0	NO

TOD Program Steps

Step 1 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	.	.	.	.	.	.

Step 2 Program 1 Step Begins 0900

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	X	X	.	X	.	X	.	.	.	.	.	.
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	.	.	.	.	.	.

TOD Program Steps

Step 5 Program 1 Step Begins 2200

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 6 Program 2 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	X	X	.	X	.	X	.	.	.	.	.	.
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	.	.	.	.	.	.

TOD Program Steps

Step 7 Program 2 Step Begins 2200

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	.	.	.	.	.	.
