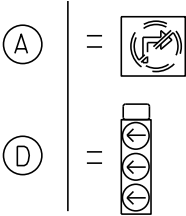
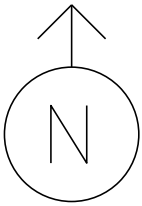


MS # 585



FARMALL DRIVE

2

5

VT II6 NORTH

8

8

4

4

5

2

2

2

(D) 5

(A) (P)

(P) (P)

- PEDESTAL POST
- PEDESTRIAN SIGNAL
- PREEMPTION DETECTOR
- PREEMPTION STROBE
- L.E.D REGULATORY SIGN
- VIDEO CAMERA
- CONTROL BOX
- MAST ARM
- COORDINATION
- LOOP DETECTION
- VIDEO DETECTION
- JUNCTION BOX
- LUMINAIRE
- STANCHION

VT II6 SOUTH

1

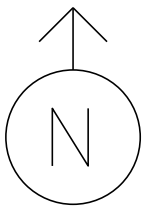
6

6

COMMERCE STREET

NOT TO SCALE

MS # 585



14'

10'

VT 116 NORTH

FARMALL DRIVE

LANE LINE 80'

STOP BAR 24'

STOP BAR 20'

10'

LANE LINE 65'

10'

12'

LANE LINE 70'

12'

CROSSWALK 40'

STOP BAR 24'

CROSSWALK 42'

CROSSWALK 50'

STOP BAR 36'

COMMERCE STREET

LANE LINE 75'

LANE LINE 75'

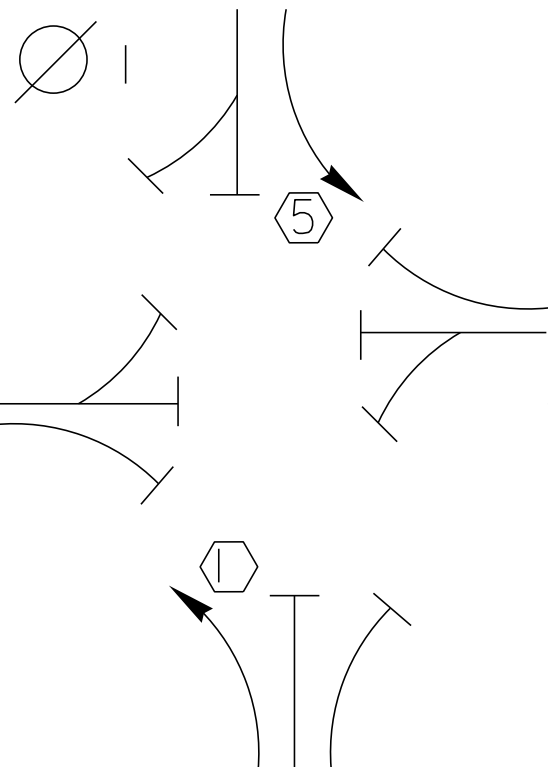
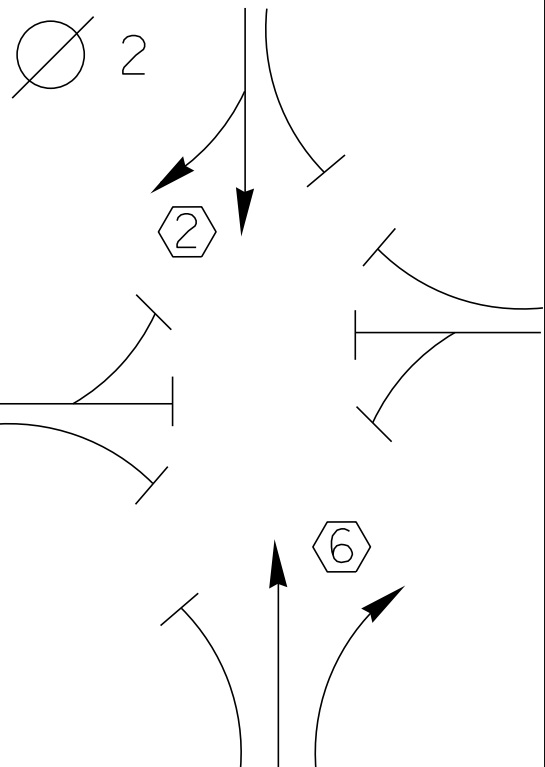
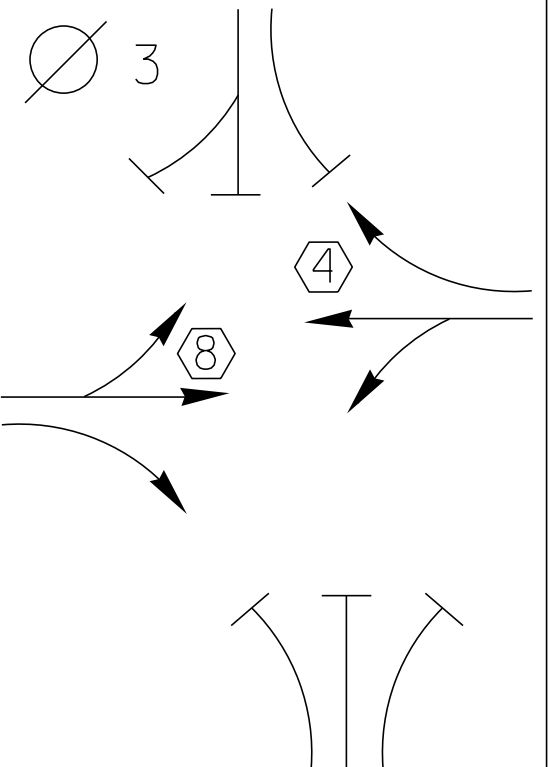
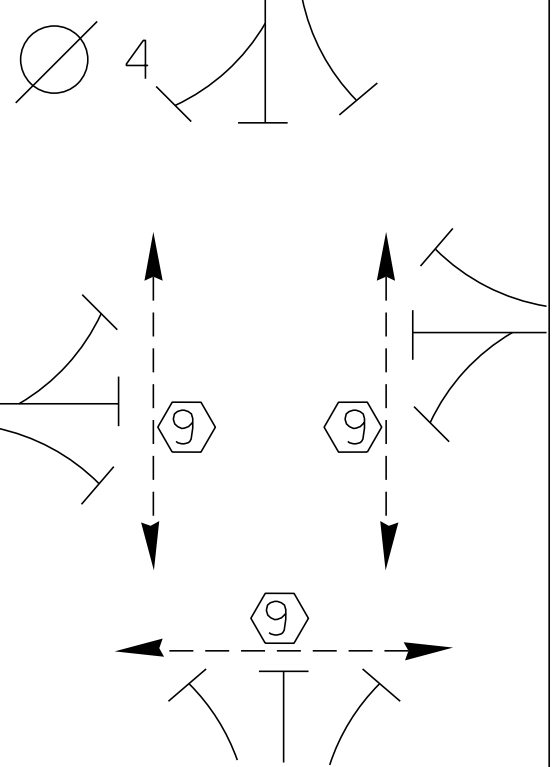
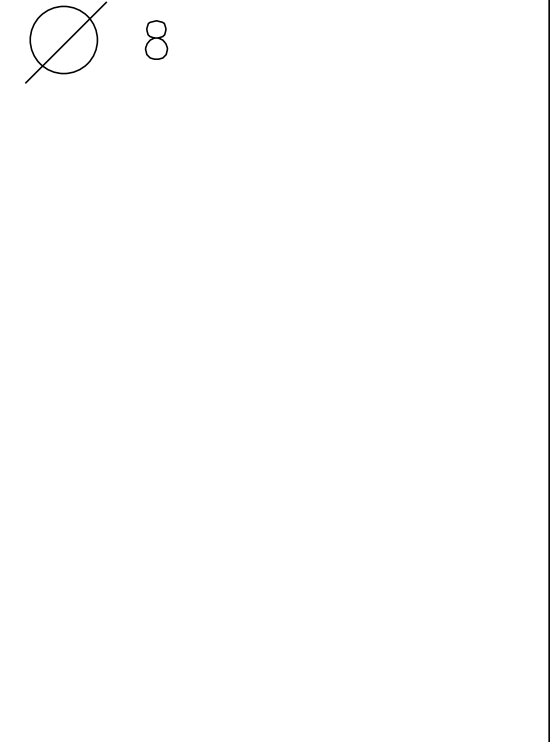
12'

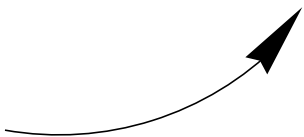
12'

12'

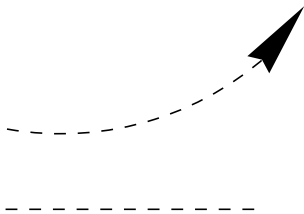
VT 116 SOUTH

NOT TO SCALE

D I A G R A M 				
T I M I N G	G = Y =	G = Y =	G = Y =	G = Y =
D I A G R A M				
T I M I N G	G = Y =	G = Y =	G = Y =	G = Y =



PROTECTED
TURNS



PERMITTED
TURNS
PEDESTRIAN

CYCLE LENGTH, C= _____ S



PROPERTY OF
VT. AGENCY OF TRANSPORTATION
MAINTENANCE DIV.
IN EMERGENCY CALL
VTD TRANS. OFFICE 800-800-8000
MON-FRI 9:00AM - 5:00PM
ALTERNATION NO. 90-400

DANGER

115 VOLTS A.C.

WARNING

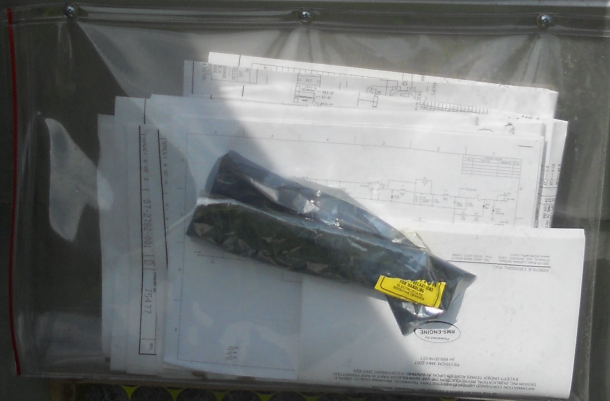
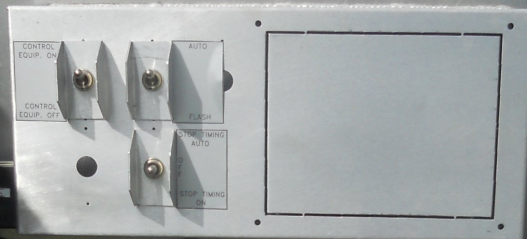
DO NOT OPERATE
CABINET WITHOUT
CMU / MMU

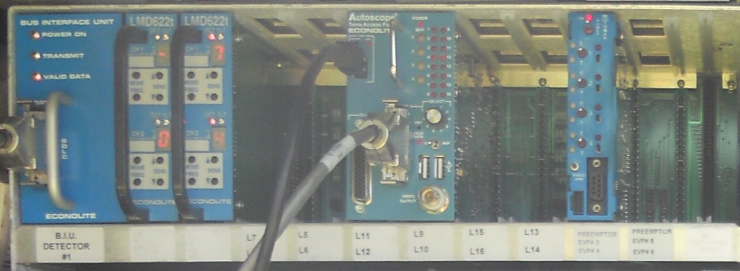
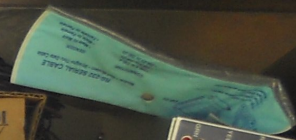
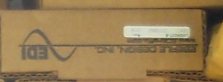
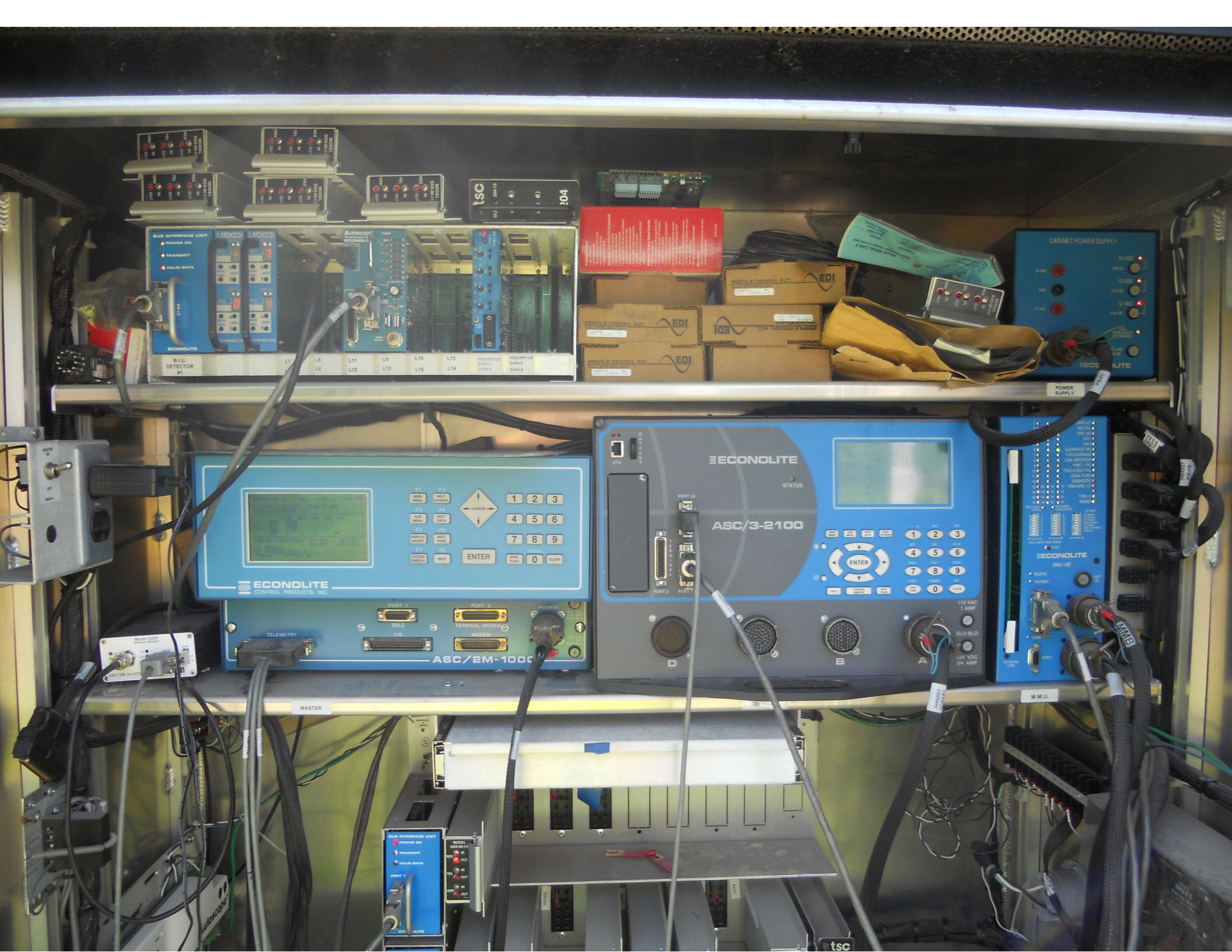
TURN ON

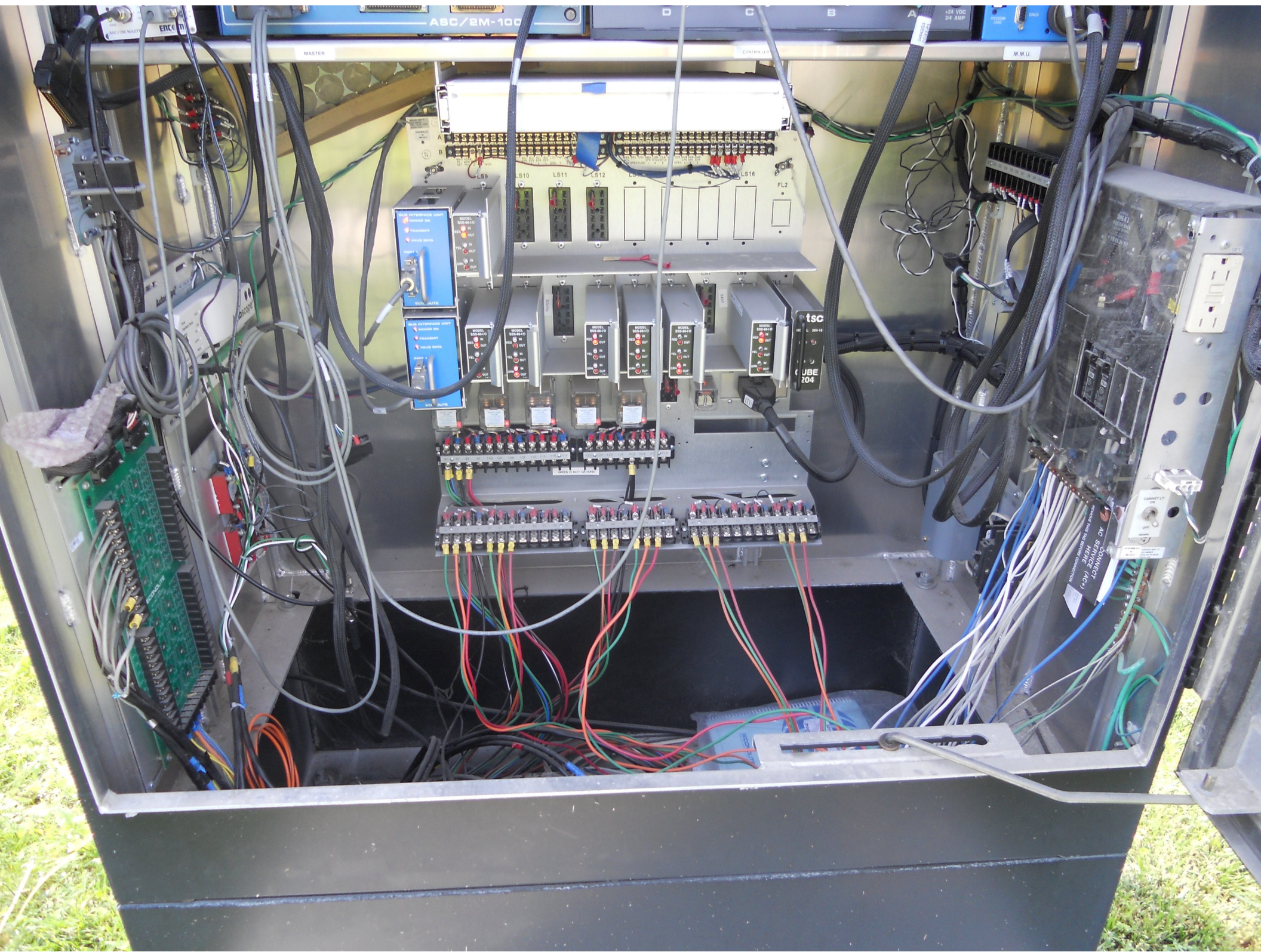
5-28-08

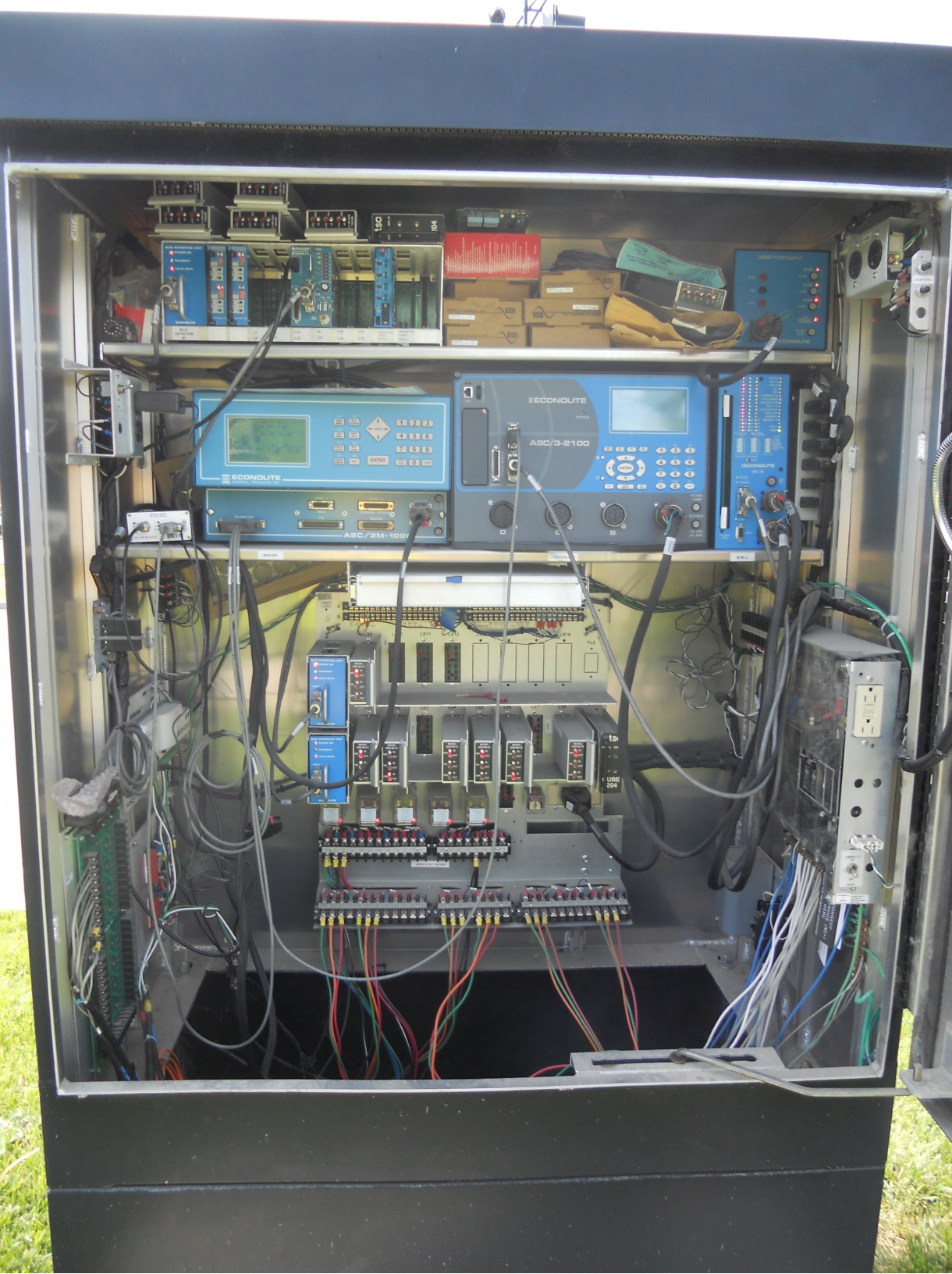
CAMERA

Yellow - MP-2
Blue - MP-1
Red - MP-3, MP-4











































300 DIA.
20FT. 20KVA
60A 1500 DIA.
138FT/305



200-0000
3000-0000
100-0000
200-0000

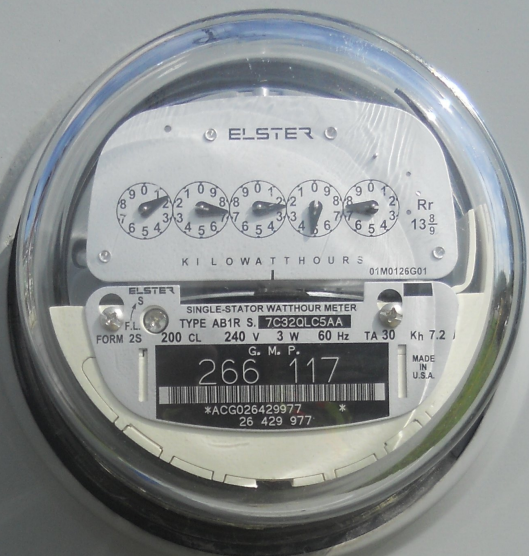


12.00" DIA.
30 FT. 65KSI
10K 2.00" DIA.
2 FT 7 GA



1000" DIA
20FT 88KLS
100 200" DIA
251/764

⚡ 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 PERSONAS AUTORIZADAS DE LA COMPAÑIA
ELECTRICA PUEDEN MANTENIRLO
NO PINTEN ENCAIMA NI REMUEVA ESTA ETIQUETA



MILBANK

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



⚡ DANGER / PELIGRO
HAZARD OF ELECTRICAL SHOCK OR BURN
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DO NOT PAINT OVER OR REMOVE THIS LABEL
PELIGRO DE DESCARGA ELECTRICA O QUEMADURA
SOLAMENTE PERSONAS AUTORIZADAS DE LA COMPAÑIA
ELECTRICA PUEDEN MANTENIRLO
NO PINTEN ENCAIMA NI REMUEVA ESTA ETIQUETA

Hinesburg VT116 Corridor - MS 585 VT116 & Commerce St

Controller Timing Plan (MM)2-1

Plan 1

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Min Green	5	5	0	5	5	5	0	5	5	0	0	0	0	0	0	0
BK Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CS Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delay Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
Walk 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0
Ped Clear 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle Ext	2.0	0.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle Ext 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max 1	10	45	0	12	10	48	0	12	0	0	0	0	0	0	0	0
Max 2	8	29	0	10	8	29	0	10	0	0	0	0	0	0	0	0
Max 3	10	45	0	12	10	45	0	12	0	0	0	0	0	0	0	0
DYM Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DYM Stp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	4.0	4.0	0.0	4.0	4.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Clear	2.0	2.0	0.0	2.0	2.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
ACT B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEC/ACT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Int	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Time B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cars Wt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STPT Duc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Time To Reduce	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min Gap	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Hinesburg VT116 Corridor - MS 585 VT116 & Commerce St

Controller Options

Controller Options (MM)2-6-1

Phase	Flashing Green Phase	Guaranteed Passage	Non Act 1	Non Act 2	Dual Entry	Conditional Service	Conditional Reservice	Ped Reservice	Rest In Walk	Flashing Walk	Ped Clear Yellow	Ped Clear Red	IGRN + Veh Ext
2	No	No	Yes	No	Yes	No	No	No	No	No	No	No	No
4	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No
6	No	No	Yes	No	Yes	No	No	No	No	No	No	No	No
8	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No

Ped Clear Protect: Off

Red Revert: 2.0

Act Pre-Time (MM)2-7

Pre-Time Mode Enable: No

Free Input Enables Pre-Timed: Yes

Pre-Timed Phase

Phase Recall Options (MM)2-8

Plan	Phase	Lock Detector	Vehicle Recall	Ped Recall	Max Recall	Soft Recall	No Rest	AI Calc
1	2	No	No	No	Yes	No	No	No
1	6	No	No	No	Yes	No	No	No

Hinesburg VT116 Corridor - MS 585 VT116 & Commerce St

Coordination Options**Coordination Options (MM)3-1**

Manual Pattern: Auto
 ECPI Coord: Yes
 System Source: SYS
 System Format: STD
 Splits In: Seconds
 Offsets In: Seconds
 Transition: Smooth
 Max Select: MAXINH
 Dwell/Add Time: 0
 Dly Coord Wz-Lz: No
 Force Off: Float
 Offset Reference: Lead
 Use Ped Time: Yes
 Ped Recall: No
 Ped Resv: No
 Local Zero Ovr: No
 Fo Add Ini Green: No
 Re-sync Count: 0
 Multisync: No

Split Demand (MM)3-5

Demand 1	Demand 2
Phase	Phase

Demand	Detector	Call Time	Cycle Count
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Auto Perm Minimum Green (Seconds) (MM)3-4

Phase	Min Green
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Hinesburg VT116 Corridor - MS 585 VT116 & Commerce St

Coordination Pattern Data

Pattern Data (MM)3-2

Pattern	Split Pattern	TS2	Cycle	Std(COS)	Offset Value	Splits In	Offsets In	Actuated Coord
1	1	0-1	90	0	0	Seconds	Seconds	No
26	2	8-2	90	0	0	Seconds	Seconds	No

Pattern	Timing Plan	Actuated Walk Rest	Sequence	Phase Reserve	Action Plan	XArt Pattern	Vehicle Perm 1	Vehicle Perm 2	Vehicle Perm 3
1	1	No	1	No	0	0	0	0	0
26	1	No	1	No	0	0	0	0	0

Pattern	Ring Split Ext 1	Ring Split Ext 2	Ring Split Ext 3	Ring Split Ext 4	Split Demand Pattern 1	Split Demand Pattern 2	Ring Displ 2	Ring Displ 3	Ring Displ 4
1	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0

Split Preference Phases

Pattern	Phase	Preference 1	Preference 2
---------	-------	--------------	--------------

Special Functions

Pattern	Function	Output
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Split Pattern Data (MM)3-3

Coord Phases

Split Pattern	Phase	Split
1	1	11
1	2	51
1	4	28
1	5	11
1	6	51
1	8	28
1	9	2

Split/Modes

Split Pattern	Mode	Phase															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord					X											
3	Omit								X								
4	Omit								X								
5	Omit								X								
6	Omit								X								
7	Omit								X								
8	Omit								X								
9	Omit								X								
10	Omit								X								
11	Omit								X								
12	Omit								X								
13	Omit								X								
14	Omit								X								
15	Omit								X								
16	Omit								X								
17	Omit								X								
18	Omit								X								
19	Omit								X								
20	Omit								X								
21	Omit								X								
22	Omit								X								
23	Omit								X								
24	Omit								X								
25	Omit								X								
26	Omit								X								
27	Omit								X								

Hinesburg VT116 Corridor - MS 585 VT116 & Commerce St

Time Base Action Plan

Action Plan (MM)5-2

Plan	Pattern	Veh Det Plan	Flash	Red Rest	Controller Seq	Timing Plan	System Override	Detector Log	Veh Det Diag Plan	Ped Det Diag Plan	Dimming Enable
1	1	0	No	No	1	1	No	None	0	0	No
2	254 - FREE	0	No	No	1	1	No	None	0	0	No
3	26	0	No	No	1	1	No	None	0	0	No

Action Plan Phases

Plan	Phase	Ped Rcl	Walk 2	Vex 2	Veh Rcl	Max Rcl	Max 2	Max 3	CS Inhibit	Omit
2	1	No	No	No	No	No	Yes	No	No	No
2	2	No	No	No	No	No	Yes	No	No	No
2	4	No	No	No	No	No	Yes	No	No	No
2	5	No	No	No	No	No	Yes	No	No	No
2	6	No	No	No	No	No	Yes	No	No	No
2	8	No	No	No	No	No	Yes	No	No	No
2	9	No	No	No	No	No	Yes	No	No	No
3	1	No	No	No	No	No	No	Yes	No	No
3	2	No	No	No	No	No	No	Yes	No	No
3	4	No	No	No	No	No	No	Yes	No	No
3	5	No	No	No	No	No	No	Yes	No	No
3	6	No	No	No	No	No	No	Yes	No	No
3	8	No	No	No	No	No	No	Yes	No	No
3	9	No	No	No	No	No	No	Yes	No	No

Action Plan Special Functions

Plan	Function
------	----------

Action Plan Auxiliary Functions

Plan	Function
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Logic Statement Control

Plan	LP	Statement Control
1	1	E
1	2	E
1	3	E
1	4	E
1	5	E
1	6	E
1	7	E
1	8	E
1	9	E
1	10	E
1	11	E
1	12	E
1	13	E
1	14	E
1	15	E
1	16	E
1	17	E
1	18	E
1	19	E
1	20	E
1	21	E
1	22	E
1	23	E

Hinesburg VT116 Corridor - MS 585 VT116 & Commerce St

Time Base Day Plan/Schedule**Day Plan (MM)5-3**

Plan	Event	Action Plan	Start Time
1	1	1	7:00 AM
1	2	2	9:00 AM
1	3	3	3:00 PM
1	4	2	7:00 PM

Schedule (MM)5-4

Schedule Number	Day Plan Number	Months	Days of Week	Days of Month
1	1	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sept, Oct, Nov, Dec	Sun, Mon, Tues, Wed, Thurs, Fri, Sat	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