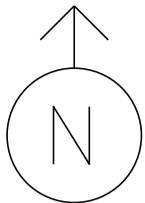
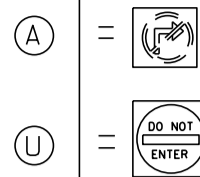


MS # 575

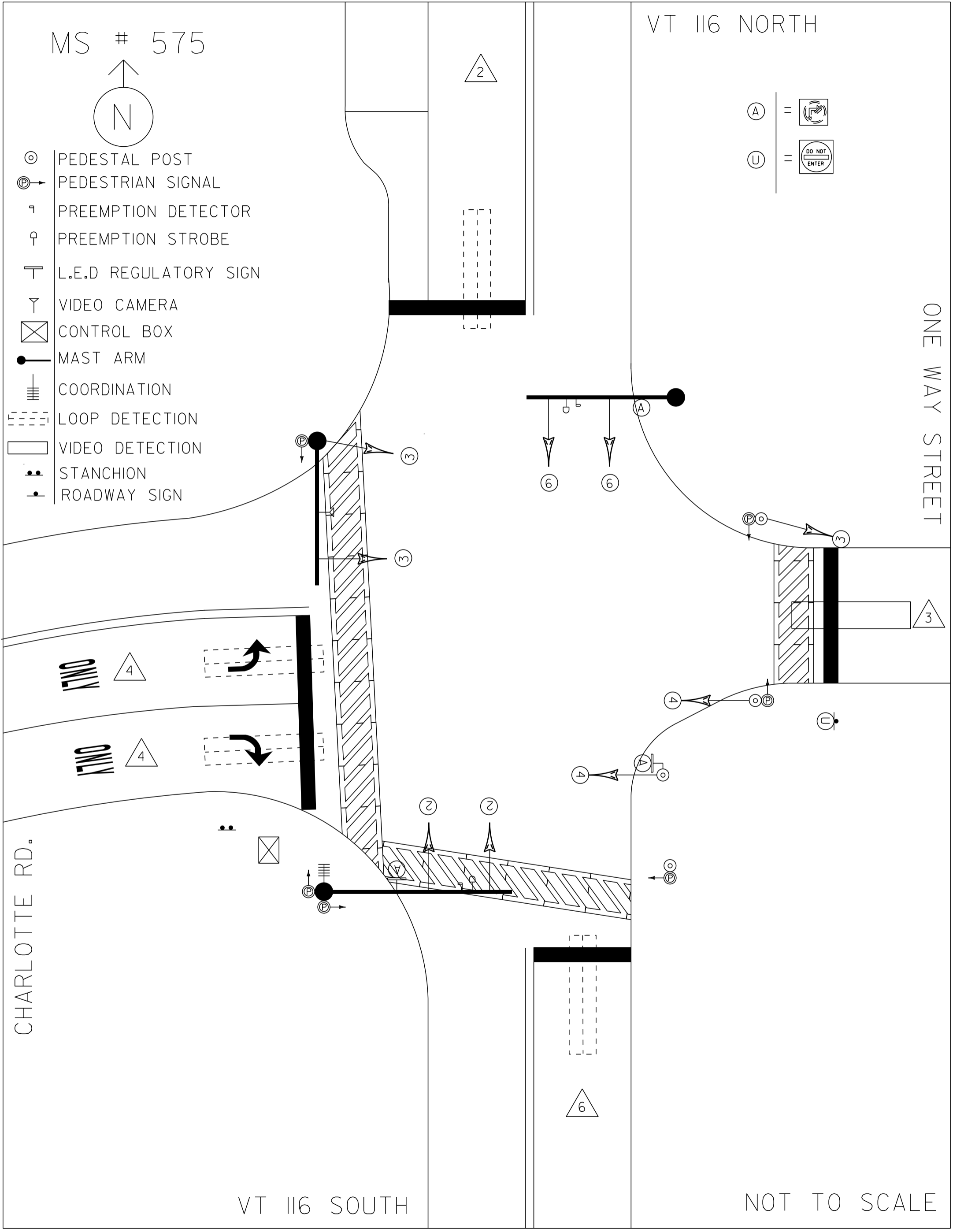


VT 116 NORTH



- ⊙ PEDESTAL POST
- ⊙→ PEDESTRIAN SIGNAL
- ⌞ PREEMPTION DETECTOR
- ♀ PREEMPTION STROBE
- ⊥ L.E.D REGULATORY SIGN
- ▽ VIDEO CAMERA
- ⊠ CONTROL BOX
- MAST ARM
- ⌚ COORDINATION
- - - LOOP DETECTION
- ▭ VIDEO DETECTION
- STANCHION
- ROADWAY SIGN

ONE WAY STREET

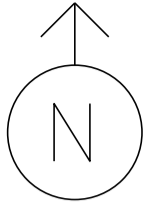


CHARLOTTE RD.

VT 116 SOUTH

NOT TO SCALE

MS # 575



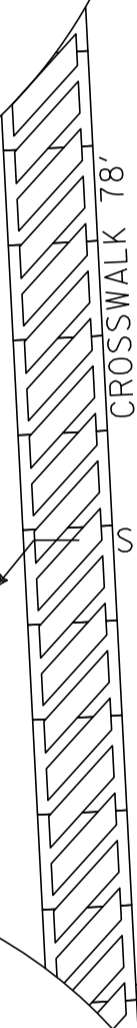
VT 116 NORTH

12'



STOP BAR 12'

ONE WAY STREET



CROSSWALK 78'

STOP BAR 25'

STOP BAR 16'

CROSSWALK 17'

15'

11' ONLY



LANE LINE 75'

11' ONLY



CROSSWALK 50'

STOP BAR 13'

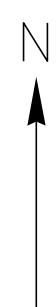
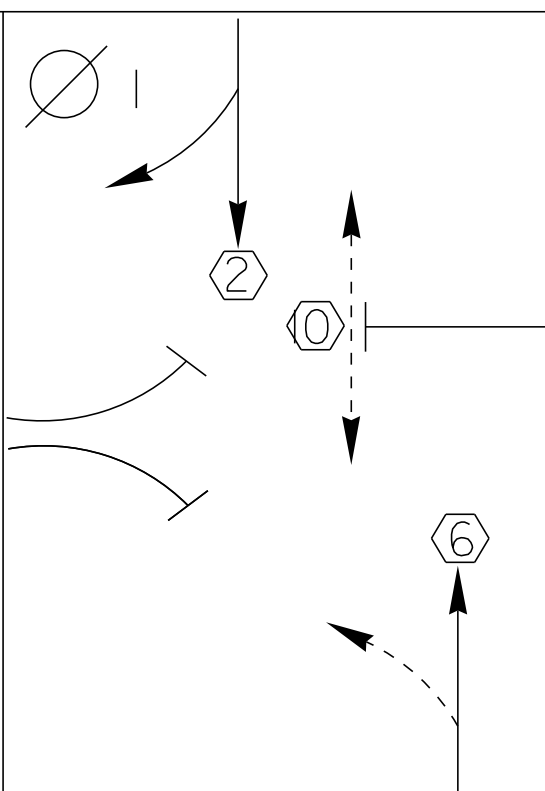
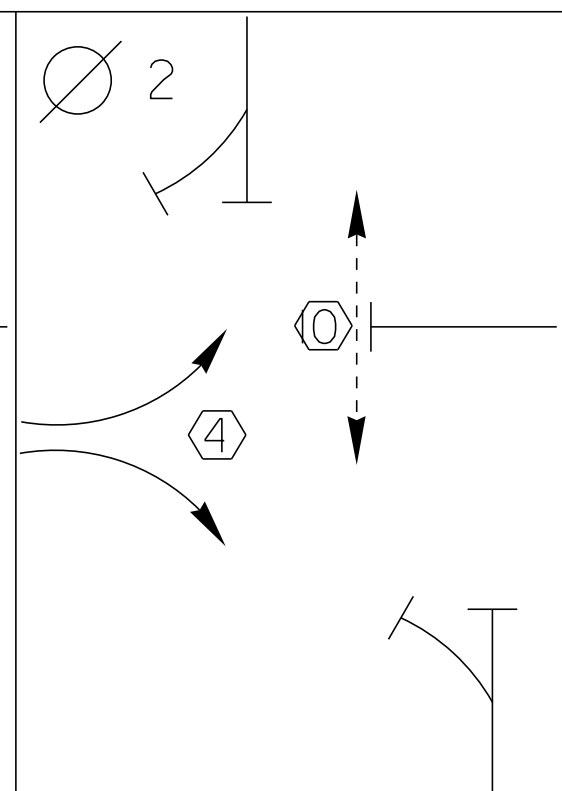
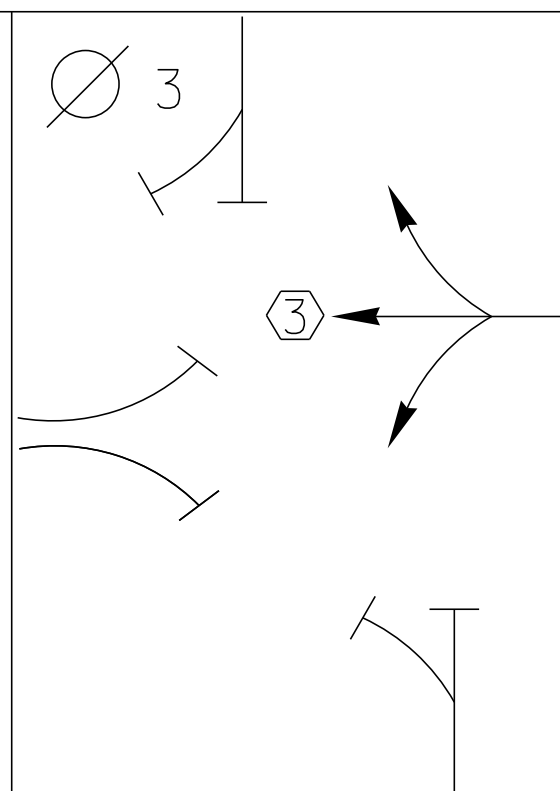
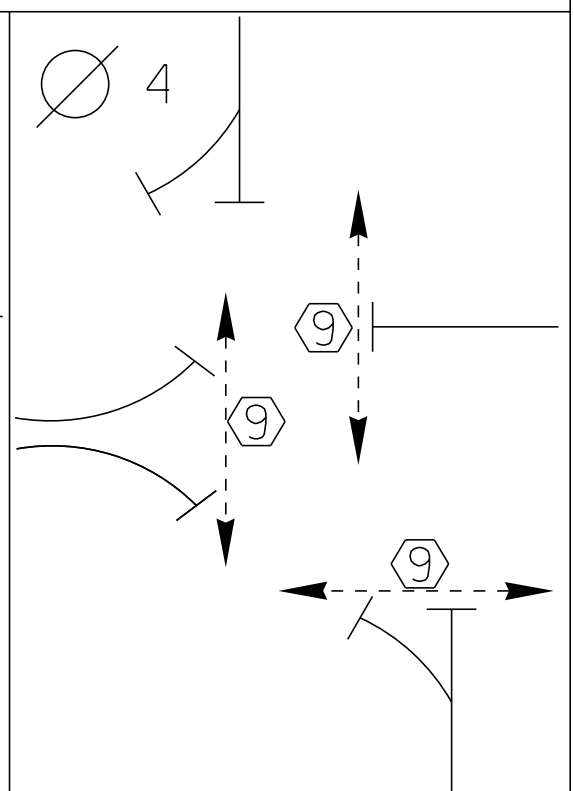
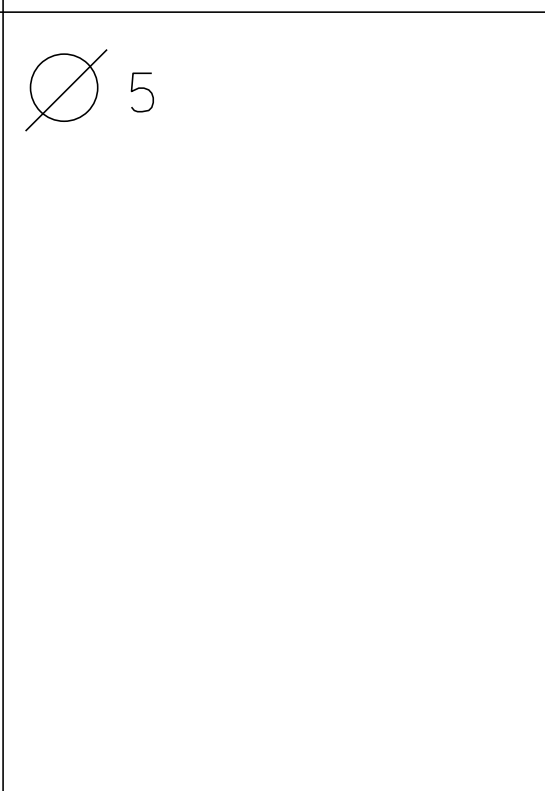
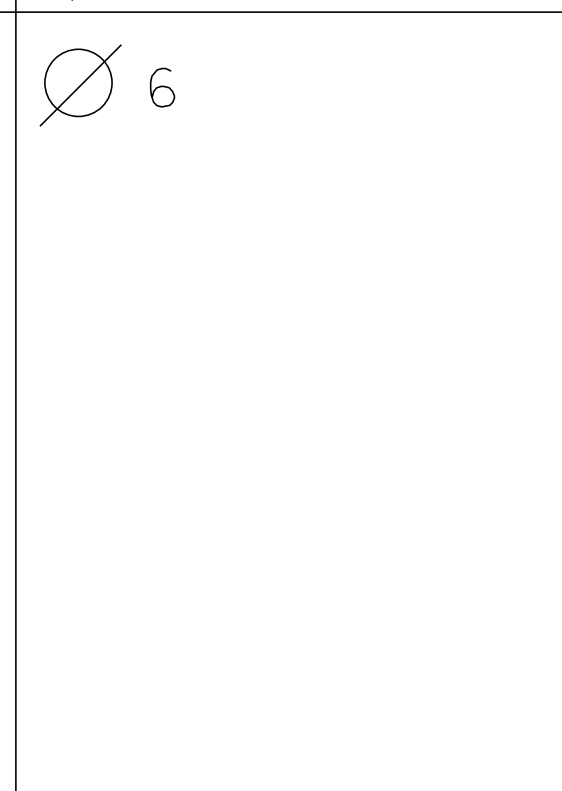
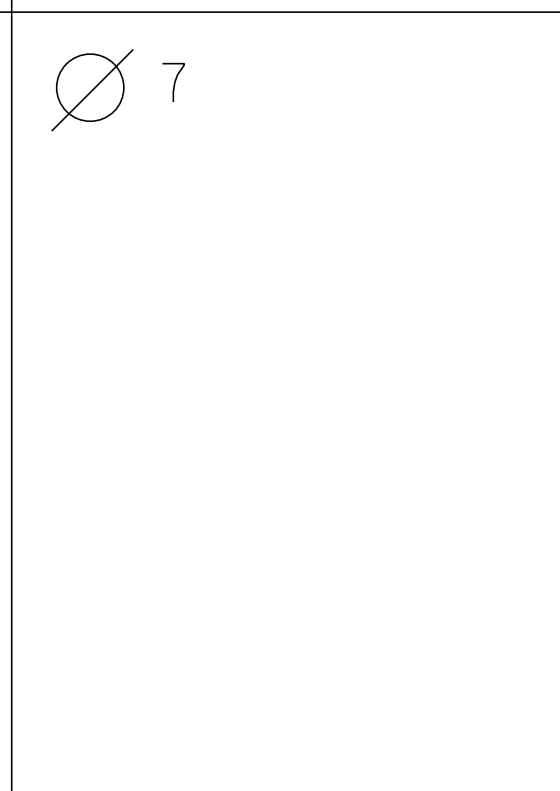
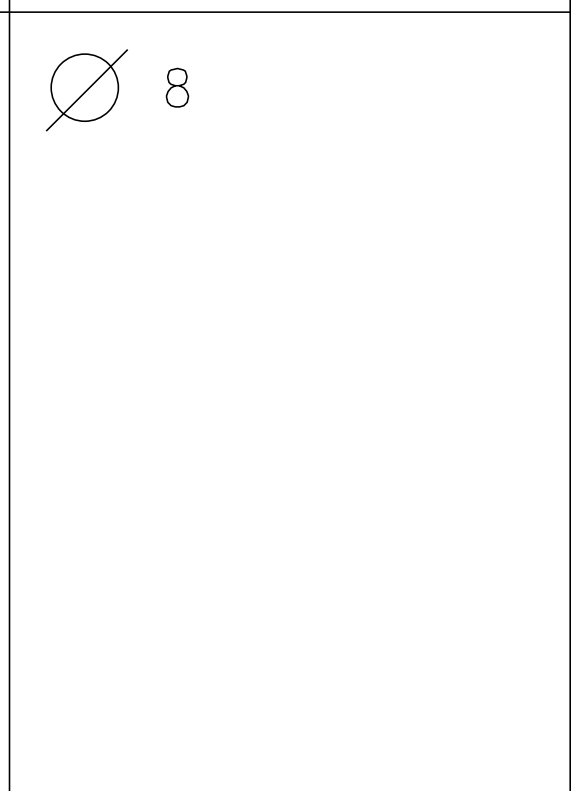


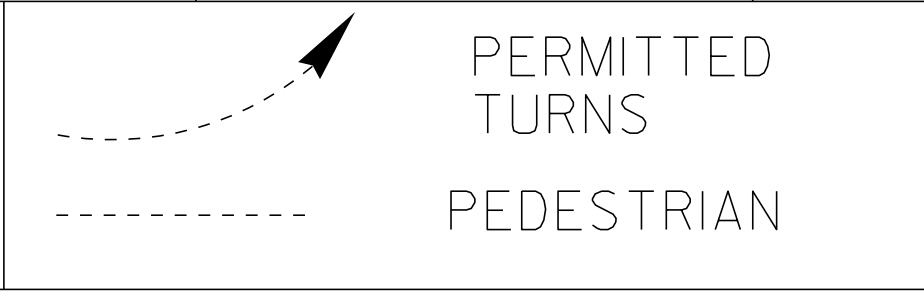
12'

CHARLOTTE RD.

VT 116 SOUTH

NOT TO SCALE

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">D I A G R A M</p> 				
<p>TIMING</p>	<p>G = Y =</p>	<p>G = Y =</p>	<p>G = Y =</p>	<p>G = Y =</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">D I A G R A M</p>				
<p>TIMING</p>	<p>G = Y =</p>	<p>G = Y =</p>	<p>G = Y =</p>	<p>G = Y =</p>



CYCLE LENGTH, C = \_\_\_\_\_ S

PROPERTY OF  
VT. AGENCY OF TRANS.  
MAINTENANCE DIV.  
IN EMERGENCY CALL  
VT. TRANS. OFFICE  
888-182  
LIGHTS & SIGNALS 878-771  
MAINTENANCE 888-878

**DANGER**

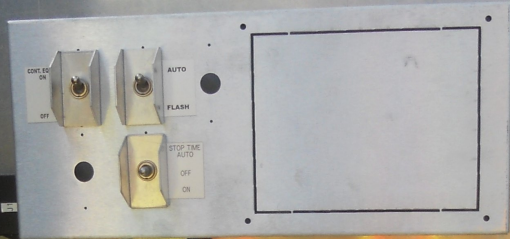
115 VOLTS A.C.

**WARNING**

DO NOT OPERATE  
CABINET WITHOUT  
CMU / MMU

TURN ON  
12-7-07

5841183



ECONOLITE



BUS INTERFACE UNIT  
POWER ON  
TRANSMIT  
VALID DATA  
Autoscope  
ECONOLITE

MD6221 MD6222

BUS DETECTOR #1

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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----



CABINET POWER SUPPLY

24 VDC  
12 VDC  
5VDC  
1.5VDC

ECONOLITE

ECONOLITE

STATUS

ASC/3-2100

115 VAC 1 AMP  
5.0 VDC  
1.5 VDC

ENTER

1 2 3  
4 5 6  
7 8 9  
0

ECONOLITE

CONNECT

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

ECONOLITE

POWER ON

Power 5000

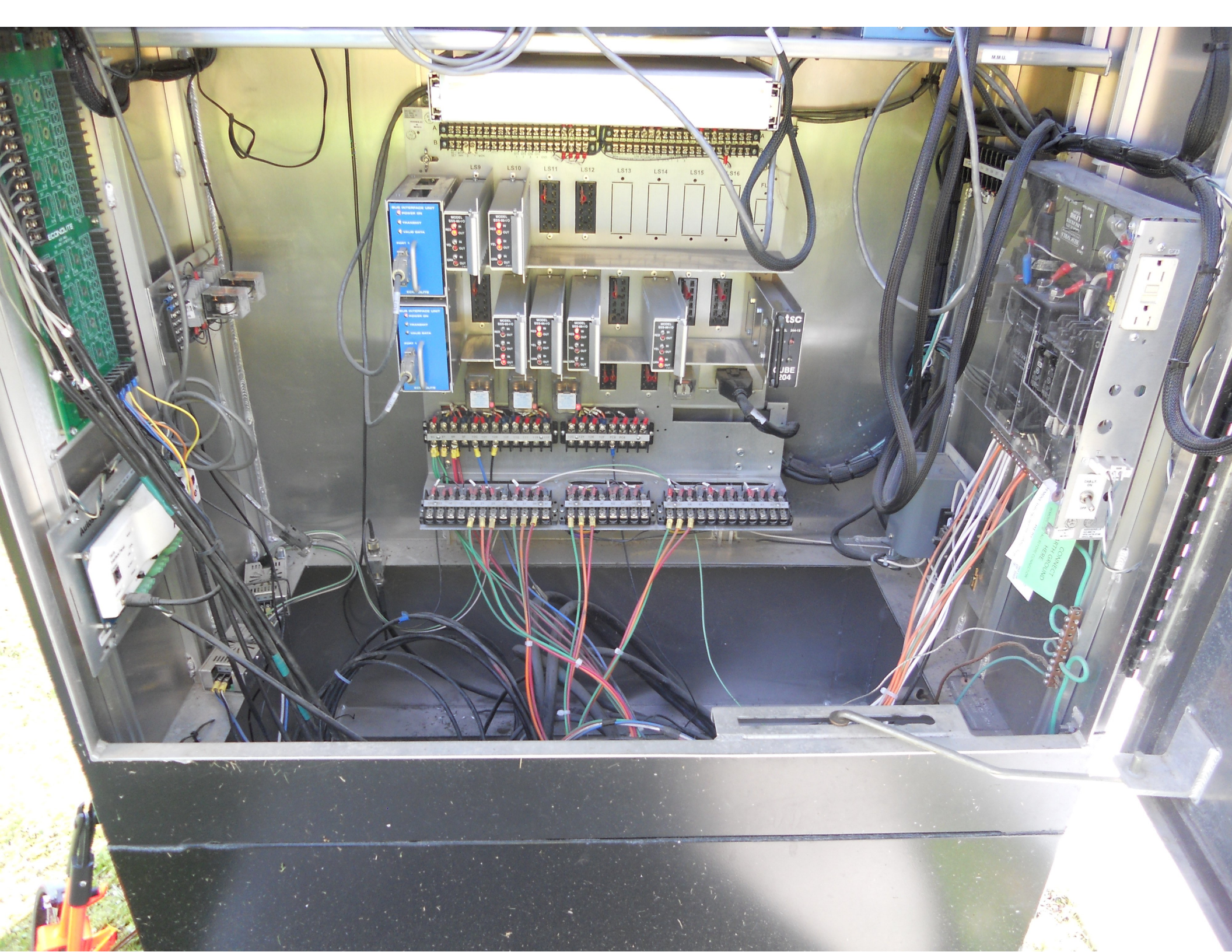
BUS INTERFACE UNIT  
POWER ON  
TRANSMIT  
VALID DATA  
ECONOLITE

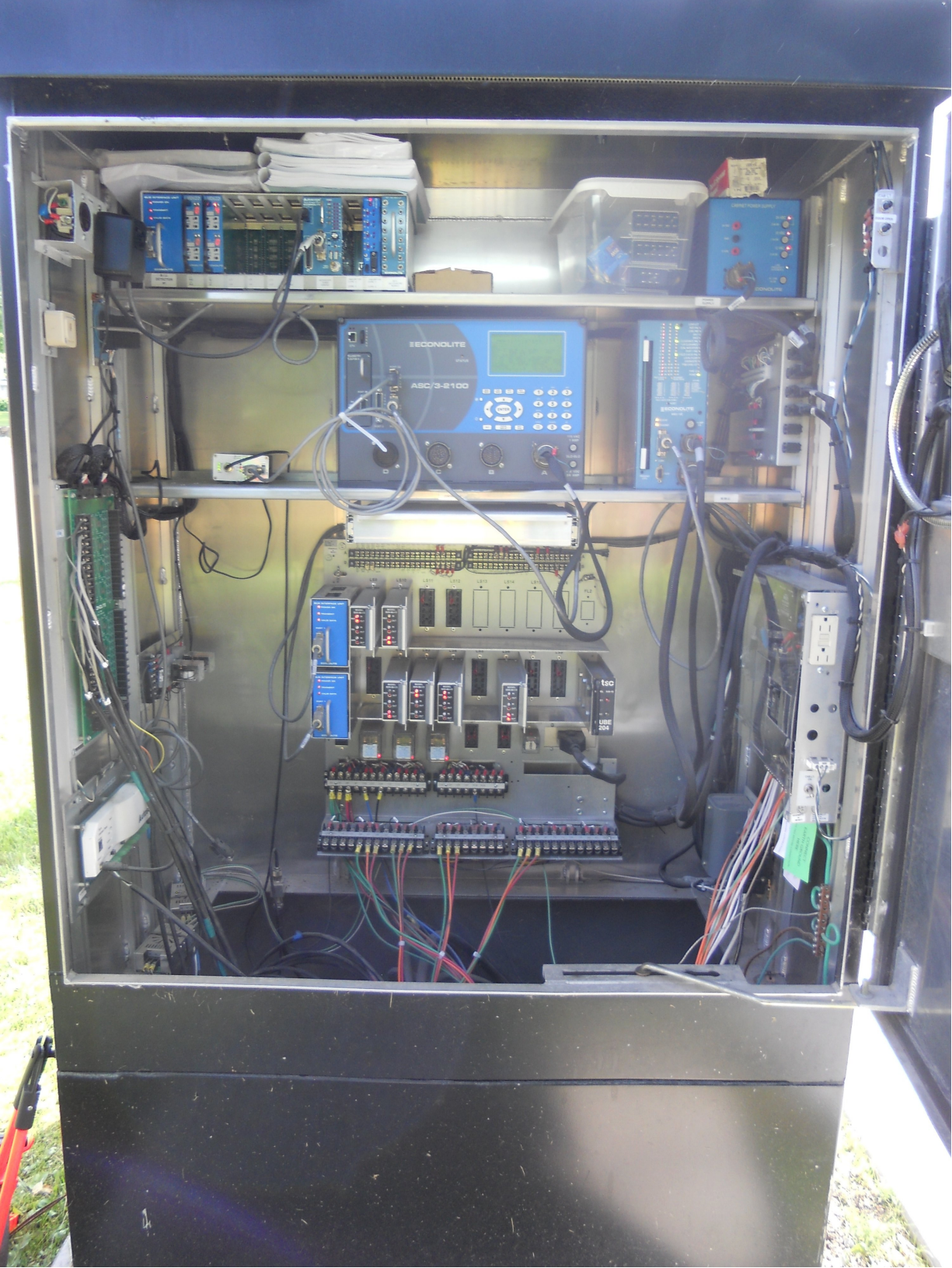
MD6221 MD6222

BUS DETECTOR #1

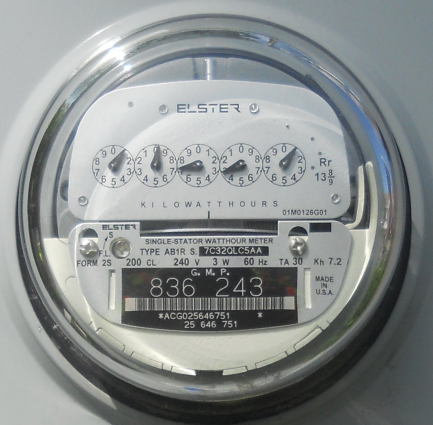
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

tsc





**DANGER / PELIGRO**  
HAZARD OF ELECTRICAL SHOCK OR BURN  
SERVICE BY UTILITY AUTHORIZED PERSONNEL ONLY  
DO NOT PULL COVER OR REMOVE THIS LABEL  
PELIGRO DE DESCARGA ELECTRICA O QUEMADURA  
SOLAMENTE PERSONAS AUTORIZADAS DE LA COMPAÑIA  
ELECTRICA PUEEN MANTENERLO  
NO PULTE ENCIMA NI REMUEVA ESTA ETIQUETA



TYPE 3

TYPE 3

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

**DANGER / PELIGRO**  
HAZARD OF ELECTRICAL SHOCK OR BURN  
SERVICE BY UTILITY AUTHORIZED PERSONNEL ONLY  
DO NOT PULL COVER OR REMOVE THIS LABEL  
PELIGRO DE DESCARGA ELECTRICA O QUEMADURA  
SOLAMENTE PERSONAS AUTORIZADAS DE LA COMPAÑIA  
ELECTRICA PUEEN MANTENERLO  
NO PULTE ENCIMA NI REMUEVA ESTA ETIQUETA







DO NOT  
ENTER



FRESH  
Market & Deli



ROUTE 66  
CHARLOTTE RD

















ON THE ROAD  
LEFT TURN ONLY  
EXIT

77  
PARK &  
RIDE  
←

FLUSH  
BUTTON  
OR  
MARK  
SHOWS

77  
PARK &  
RIDE  
←

U.N.C. 11-07  
POLE GA/DIA 7E/12.0"  
POLE LGTH 17'16"  
ARM GA/DIA 7E/8.0"  
ARM LGTH 30'9"  
53 KSI















SPEED  
LIMIT  
30

TRUCKS  
ENTER





U.S. PATENT OFFICE  
POLE GUARD  
POLE GUARD  
PAT. 2,811,112  
MAY 1958

BA

1/2 M

## Hinesburg VT116 Corridor - MS 575 VT 116 &amp; Charlotte Rd

## 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	0	8	5	5	0	8	0	0	1	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	5	0	0	7	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	10	0	0	17	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	0.0	4.0	2.0	2.0	0.0	4.0	0.0	0.0	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	0	24	8	10	0	24	0	0	24	0	0	0	0	0	0	0
Max 2	0	35	5	14	0	35	0	0	24	0	0	0	0	0	0	0
Max 3	0	34	7	7	0	34	0	0	24	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	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	0.0	0.0
Red Clear	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	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 575 VT 116 & Charlotte Rd

**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: Fixed  
Offset Reference: Yell  
Use Ped Time: Yes  
Ped Recall: No  
Ped Resv: No  
Local Zero Ovrd: Yes  
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
--------	----------	-----------	-------------

**Auto Perm Minimum Green (Seconds) (MM)3-4**

Phase	Min Green
-------	-----------

Hinesburg VT116 Corridor - MS 575 VT 116 & Charlotte Rd

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	28	Seconds	Seconds	No
26	2	8-2	90	0	41	Seconds	Seconds	No

Pattern	Timing Plan	Actuated Walk Rest	Sequence	Phase Reservice	Action Plan	XArt Pattern	Vehicle Perm 1	Vehicle Perm 2	Vehicle Perm 3
1	0	No	0	No	0	0	0	0	0
26	0	No	0	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	2	55
1	3	11
1	4	24
1	6	55
1	9	2
2	2	58
2	3	16
2	4	16
2	6	58
2	9	2
26	2	40
26	3	13
26	4	13
26	6	40

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				X											
1	Omit									X							
2	Coord	X				X											
2	Omit									X							
3	Omit									X	X						
4	Omit									X	X						
5	Omit									X	X						
6	Omit									X	X						
7	Omit									X	X						
8	Omit									X	X						
9	Omit									X	X						
10	Omit									X	X						
11	Omit									X	X						
12	Omit									X	X						
13	Omit									X	X						
14	Omit									X	X						
15	Omit									X	X						
16	Omit									X	X						
17	Omit									X	X						
18	Omit									X	X						
19	Omit									X	X						
20	Omit									X	X						
21	Omit									X	X						
22	Omit									X	X						
23	Omit									X	X						
24	Omit									X	X						

Hinesburg VT116 Corridor - MS 575 VT 116 & Charlotte Rd

**Time Base Clock/Calendar**

**Clock/Calendar Options (MM)5-1**

Enable Action Plan: 0  
Sync Reference Time: 12:00 AM  
Sync Reference: Reference Time  
Day Light Savings: USDLS  
Time Reset Input Set Time: 3:30:00  
Standard Time From GMT: -5

Hinesburg VT116 Corridor - MS 575 VT 116 & Charlotte Rd

**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	1	No	No	0	0	No	None	0	0	No
2	254 - FREE	1	No	No	0	0	No	None	0	0	No
3	26	1	No	No	0	0	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	2	No	No	No	No	No	Yes	No	No	No
2	3	No	No	No	No	No	Yes	No	No	No
2	4	No	No	No	No	No	Yes	No	No	No
2	6	No	No	No	No	No	Yes	No	No	No
2	9	No	No	No	No	No	Yes	No	No	No
3	2	No	No	No	No	No	No	Yes	No	No
3	3	No	No	No	No	No	No	Yes	No	No
3	4	No	No	No	No	No	No	Yes	No	No
3	6	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

**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
1	24	E
1	25	E
1	26	E
1	27	E

## Hinesburg VT116 Corridor - MS 575 VT 116 &amp; Charlotte Rd

## 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

## Hinesburg VT116 Corridor - MS 575 VT 116 &amp; Charlotte Rd

## Time Base Exceptions

## Exception Day Program (MM)5-5

Day	Fixed/Float	Month	Day of Week/Month	Week of Month/Year	Day Plan
1	FLOAT	0	0	0	0
2	FLOAT	0	0	0	0
3	FLOAT	0	0	0	0
4	FLOAT	0	0	0	0
5	FLOAT	0	0	0	0
6	FLOAT	0	0	0	0
7	FLOAT	0	0	0	0
8	FLOAT	0	0	0	0
9	FLOAT	0	0	0	0
10	FLOAT	0	0	0	0
11	FLOAT	0	0	0	0
12	FLOAT	0	0	0	0
13	FLOAT	0	0	0	0
14	FLOAT	0	0	0	0
15	FLOAT	0	0	0	0
16	FLOAT	0	0	0	0
17	FLOAT	0	0	0	0
18	FLOAT	0	0	0	0
19	FLOAT	0	0	0	0
20	FLOAT	0	0	0	0
21	FLOAT	0	0	0	0
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24	FLOAT	0	0	0	0
25	FLOAT	0	0	0	0
26	FLOAT	0	0	0	0
27	FLOAT	0	0	0	0
28	FLOAT	0	0	0	0
29	FLOAT	0	0	0	0
30	FLOAT	0	0	0	0
31	FLOAT	0	0	0	0
32	FLOAT	0	0	0	0
33	FLOAT	0	0	0	0
34	FLOAT	0	0	0	0
35	FLOAT	0	0	0	0
36	FLOAT	0	0	0	0