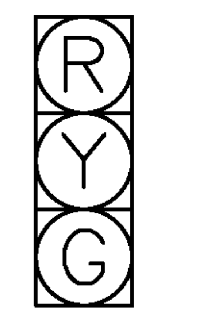


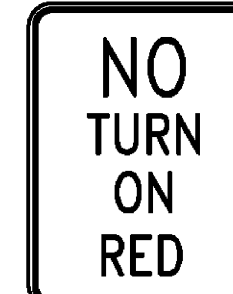
	PHASE ØA				PHASE ØB (DWELL)				PHASE ØC				PHASE ØD				PHASE ØE (excl. PED)				FLASH	
	R/W	CLEAR TO			R/W	CLEAR TO			R/W	CLEAR TO			R/W	CLEAR TO			R/W	CLEAR TO		9 PM - 6:30 AM		
		ØB	ØC	ØA		ØC	ØA	ØD		ØA	ØE	ØA		ØE	ØA							
AM PEAK 700 - 900	INIT. INT.	5			20				5				5									
	VEH. EXT.	3			3				2				2									
	MIN. GREEN	5	- 4	2	20	- 4	2	2	15	- 3	2	2	5	- 3	2	2	7	14				
	MAX 1	35			35				-				8									
	MAX 2																					
REST OF DAY	INIT. INT.	5			20				5				5									
	VEH. EXT.	3			3				2				2									
	MIN. GREEN	5	- 4	2	20	- 4	2	2	15	- 3	2	2	5	- 3	2	2	7	14				
	MAX 1	25			35				-				8									
	MAX 2																					
PM PEAK 300 - 600	INIT. INT.	5			20				5				5									
	VEH. EXT.	3			3				2				2									
	MIN. GREEN	5	- 4	2	20	- 4	2	2	15	- 3	2	2	5	- 3	2	2	7	14				
	MAX 1	30			35				-				8									
	MAX 2																					
	SIGNAL 1A	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
	" 2	R	R	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R	R	R	Y		
	" 3	R	R	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R		
	" 4	R	R	R	R	R	R	Y	R	Y	R	G	Y	R	Y	R	R	R	R	R		
	" 6	G	G	Y	R	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	Y		
	PED 10	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	W	F	B	B		
	PED 11	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	W	F	B	B		

ELECTRICAL CONDUIT 3" PVC	
FROM	TO
PB (1)	PB (2)
PB (2)	PB (4)
PB (3)	PB (4)
PB (4)	CC (8)
PB (5)	PB (6)
PB (6)	MA (7)
MA (7)	CC (8)
CC (8)	PP (9)
CC (8)	PB (13)
PP (10)	PB (11)
PB (11)	PB (13)
PB (13)	MA (12)
PB (13)	PB (14)
PB (14)	PP (15)
PB (14)	PB (16)
PB (16)	PP (17)
PB (16)	PB (18)
PB (18)	PB (19)
PB (4)	CC (8)
CC (8)	PB (13)
PB (13)	PB (14)
PB (14)	PB (16)

SIGNAL HEADS
12" LENSES, LED LAMPS



ONE-SECTION L.E.D. 16"x18" SYMBOLIC/COUNT-DOWN PEDESTRIAN HEADS GELCORE MODEL PS7-CFC9-01A OR APPROVED EQUIVALENT

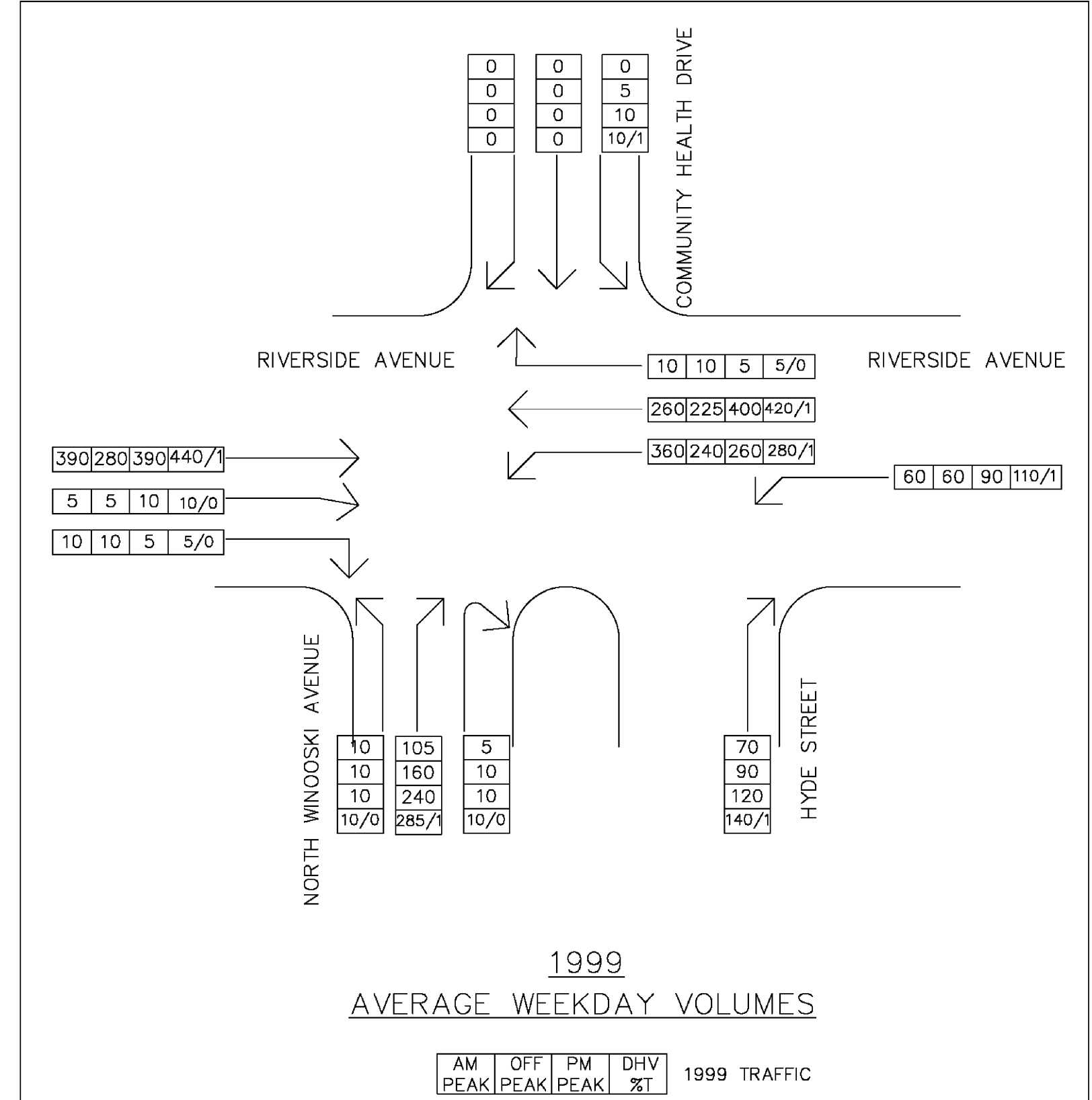


TO BE MOUNTED ON THE SIGNAL POLE FACING RIGHT TURN LANE FROM N. WINOOSKI AVENUE, SEE STD. E-140

R10-11A

NOTE: 6" ELECTRICAL CONDUIT SLEEVES REQUIRED FOR THE FOLLOWING RUNS:

- I2+33 RT - I3+09 RT 77' 6"
- I2+90 LT - I3+13 RT 55' 6"
- I2+93 LT - I3+17 LT 29'
- I3+22 LT - I3+52 LT 26'



TRAFFIC SIGNAL NOTES:

- 1.) THE OFF-PEAK PROGRAM SHALL ALSO RUN ON WEEKENDS, WHEN NOT IN FLASH MODE.
- 2.) MINIMUM RECALL FOR ØB SHALL BE 20 SECONDS.
- 3.) SIGNAL EQUIPMENT LOCATION FIELD VERIFIED BY BURLINGTON DEPARTMENT OF PUBLIC WORKS.
- 4.) EXISTING PULLBOXES, STRAIN POLES, SIGNAL HEADS, AND PEDESTRIAN EQUIPMENT SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.
- 5.) THE CONTROL CABINET SHALL BE A 336 DOUBLE DOOR CABINET WITH AN ALUMINUM 8 TO 12" HIGH ADAPTER ATTACHED TO A CEMENT FOUNDATION, 24" WIDE, 20" DEEP, AND 18" ABOVE THE GROUND LEVEL.
- 6.) THE CABINET SHALL BE ORIENTED TO ALLOW SIMULTANEOUS VIEWING OF THE SIGNALS WHILE PROGRAMMING OR MAINTAINING THE CONTROLLER.
- 7.) SEE SHEET 150 FOR ADDITION TRAFFIC RELATED NOTES.
- 8.) PULLBOXES 1, 9, 11, AND 13 SHALL BE AT THE FRONT OF THE SIDEWALK AND FLUSH WITH ITS SURFACE. SEE STANDARD E-173.
- 9.) SEE SHEET 102 FOR UNDERGROUND ELECTRIC SERVICE CONNECTIONS.

LEGEND

- ELECTRICAL CONDUIT
- PROPOSED PULLBOX/JUNCTION BOX
- ⊙ PROPOSED PEDESTRIAN POLE
- ⊠ PROPOSED TRAFFIC SIGNAL POLE
- ⊡ TRAFFIC SIGNAL CONTROLLER

TRAFFIC SIGNAL PLAN

SURVEYED BY	CLD	DATE	7/89
DRAWN BY	KRD/BF	DATE	6/03
SQUAD LEADER	JAW		
DESIGN FILE NO.	89-108		
IPARM FILE		DATE PLOTTED	
PROJ. NAME	BURLINGTON		
PROJ. NO.	MEGC 5000(15)		
SHEET	152 OF 252 SHEETS		

FOUNDATION LOCATIONS			
LOC.	TYPE	STATION	OFFSET
1	PB	11+14	15' RT
2	PB	12+18	13' RT
3	PP	12+29	22' RT
4	PB	12+32	19' RT
5	PB	11+98	133' RT
6	PB	12+73	57' RT
7	MA	13+04	31' RT
8	CC	13+13	30' RT
9	PP	13+33	26' RT
10	PP	12+29	22' LT
11	PB	12+32	18' LT
12	MA	12+88	22' LT
13	PB	12+89	19' LT
14	PB	13+19	34' LT
15	SP	13+26	33' LT
16	PB	13+52	20' LT
17	PP	13+52	24' LT
18	PB	13+66	19' LT
19	PB	14+66	19' LT

VEHICLE LOOP DETECTORS									
LANE	LOOP NO.	SIZE	NO. TURNS	LOOP TYPE	CALL #	INDUCTANCE CALC.	RESISTANCE CALC.	LEAKAGE TO GRND.	LOCKING MEMORY
WB LT LANE	1,2,3	6'-OCT	3	CALL	# A				
WB LT LANE	4	6'-OCT	4	EXT/CALL	# A				
WB THRU LANE	5,6,7	6'-OCT	3	CALL	# B				
WB THRU LANE	8	6'-OCT	4	EXT/CALL	# B				
EB ALL	9,10,11	6'-OCT	3	CALL	# B				
EB ALL	12	6'-OCT	4	EXT/CALL	# B				
NB THRU/LT LANE	13,14,15	6'-OCT	3	CALL	# C				
NB ALL	19	6'-OCT	4	EXT/CALL	# C				
NB RT LANE	16,17,18	6'-OCT	3	CALL	# C				
HEALTH CARE	20	6'-OCT	3	EXT/CALL	# C				
APART. DRIVE	22	6'-OCT	3	EXT/CALL	# D				

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

SCALE IN FEET



REV. 06-23-06