TRAFFIC SIGNAL NOTES:

1.) THE OFF-PEAK PROGRAM SHALL ALSO RUN ON WEEKENDS, WHEN NOT IN FLASH MODE.

2.) MINIMUM RECALL FOR øA 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 3, 7, AND 8 SHALL BE AT THE FRONT OF THE SIDEWALK AND FLUSH WITH ITS SURFACE. SEE STANDARD E-173.

9.) SEE SHEET 107 FOR UNDERGROUND ELECTRIC SERVICE CONNECTIONS.

10.) ANY EXISTING PULLBOXES IN AREAS WHERE THE SIDEWALK WILL BE RECONSTRUCTED, SHALL BE ADJUSTED TO FINAL GRADE.

VEHICLE LOOP DETECTORS

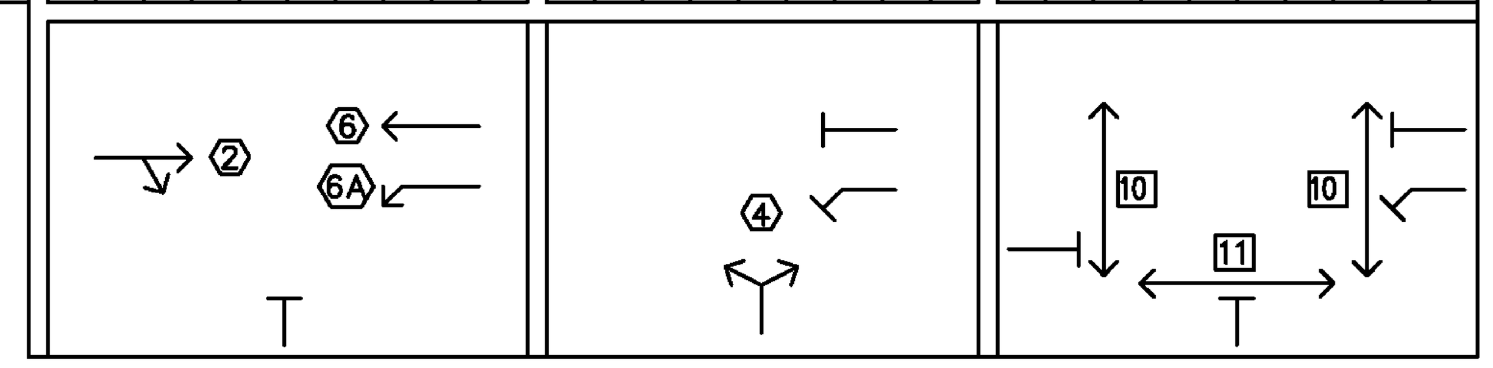
LANE	LOOP NO.	SIZE	NO.TURNS	LOOP TYPE	CALL ø	INDUCTANCE CALC.	INDUCTANCE ACT.	RESISTANCE CALC.	RESISTANCE ACT.	LEAKAGE TO GRND.	LOCKING MEMORY
WB LT LANE	1,2,2A	6'-OCT	3	CALL	ø A						
WB LT LANE	3	6'-OCT	4	EXT/CALL	ø A						
WB THRU LANE	4,5,5A	6'-OCT	3	CALL	ø A						
WB THRU LANE	6	6'-OCT	4	EXT/CALL	ø A						
EB THRU LANE	7,8,8A	6'-OCT	3	CALL	ø A						
EB THRU LANE	9	6'-OCT	4	EXT/CALL	ø A						
NB ALL	10,11	6'-OCT	3	CALL	ø B						

FOUNDATION LOCATIONS

LOC.	TYPE	STATION	OFFSET	NOTES
(1)	CC	38+31	32' LT	NEW CONTROLLER CABINET, FOUNDATION, AND METER (EXIST.)
~~(2)~~	~~PB~~	~~38+24~~	~~31' LT~~	~~12"X18" CONCRETE PULLBOX W/STEEL COVER~~
37+19 (3)	PB	~~37+16~~	18' RT	12"X18" CONCRETE PULLBOX W/STEEL COVER
(4)	PB	38+~~28~~25	22' RT	EXISTING PULLBOX W/STEEL COVER
(5)	PB	38+~~85~~83	32' RT	12'x18' CONCRETE PULLBOX W/STEEL COVER
(6)	SP	~~39+06~~ 39+03	21.5' RT	SIGNAL PEDESTAL POLE WITH PED. SIGNAL AT 8' MOUNTING HEIGHT, PLUS SIGN AND PUSH BUTTON ASSEMBLY
(7)	PB	40+00	19' LT	12"X18" CONCRETE PULLBOX W/STEEL COVER
(8)	PB	39+~~10~~24	19' LT	12"X18" CONCRETE PULLBOX W/STEEL COVER
(9)	SP	38+89	20' LT	SIGNAL PEDESTAL POLE WITH PED. SIGNALS AT 8' MOUNTING HEIGHT, PLUS SIGN AND PUSH BUTTON ASSEMBLY
(10)	SP	38+34	21' RT	NEW SIGNAL PEDESTAL POLE WITH RELOCATED PED. SIGNAL AT 8' MOUNTING HEIGHT, PLUS SIGN AND PUSH BUTTON ASSEMBLY
(11)	SP	38+50	20' LT	SIGNAL PEDESTAL POLE WITH PED. SIGNAL AT 8' MOUNTING HEIGHT, PLUS SIGN AND PUSH BUTTON ASSEMBLY

PHASE TABLE

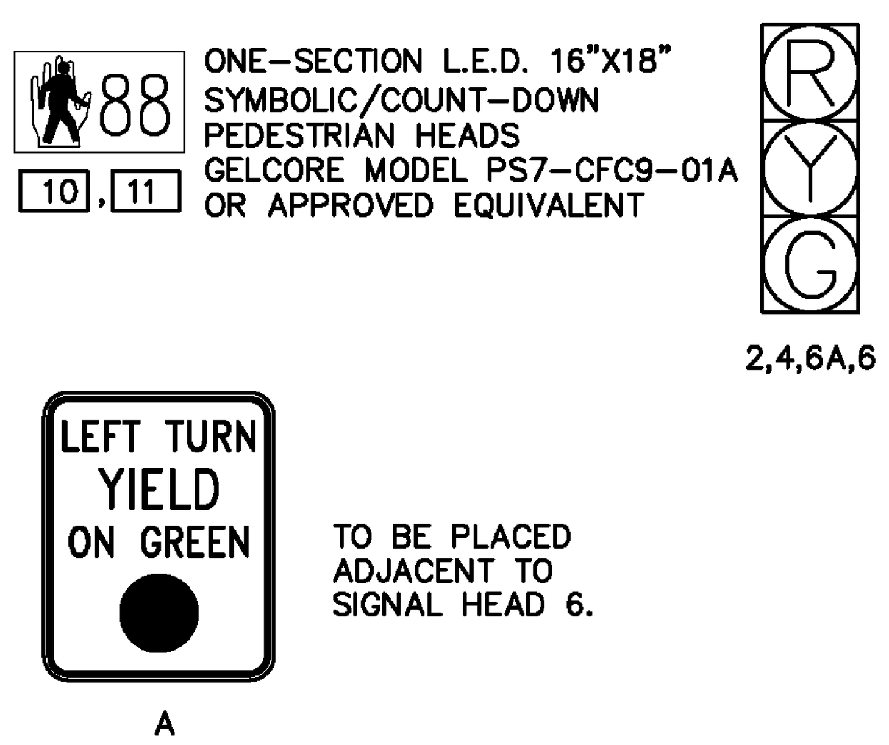
		PHASE A (DWELL) R/W	PHASE A CLEAR TO ø B		PHASE A CLEAR TO ø C		PHASE B R/W	PHASE B CLEAR TO ø A		PHASE B CLEAR TO ø C		PHASE C (excl. PED) CLEAR TO ø A		FLASH 9 PM-6:30 AM
AM PEAK 700-900AM	INIT. INT.	–					–							
	VEH. EXT.	3					3							
	MIN GR.	20	4	1	4	1	4	3	1	3	1	4	9	
	MAX 1	50					20							
	MAX 2	50					20							
OFF PEAK REST OF DAY	INIT. INT	–					–							
	VEH. EXT.	3					3							
	MIN GR.	20	4	1	4	1	4	3	1	3	1	4	9	
	MAX 1	60					20							
	MAX 2	60					20							
PM PEAK 300-600PM	INIT. INT.	–					–							
	VEH. EXT.	3					3							
	MIN GR.	20	4	1	4	1	4	3	1	3	1	4	9	
	MAX 1	60					20							
	MAX 2	60					20							
	SIGNAL 2	G	Y	R	Y	R	R	R	R	R	R	R	R	Y
	SIGNAL 4	R	R	R	R	R	G	Y	R	Y	R	R	R	R
	SIGNAL 6,6A	G	Y	R	Y	R	R	R	R	R	R	R	R	Y
							G							
	PED 10	D	D	D	D	D	D	D	D	D	D	W	F	B
	PED 11	D	D	D	D	D	D	D	D	D	D	W	F	B



SYMBOLS:
W = STEADY WALK
F = FLASHING DON'T WALK
D = STEADY DON'T WALK
B = BLANK
(6) = TRAFFIC SIGNAL FACE
[6] = PED SIGNAL FACE
⟷ = EXCL. PED. PHASE

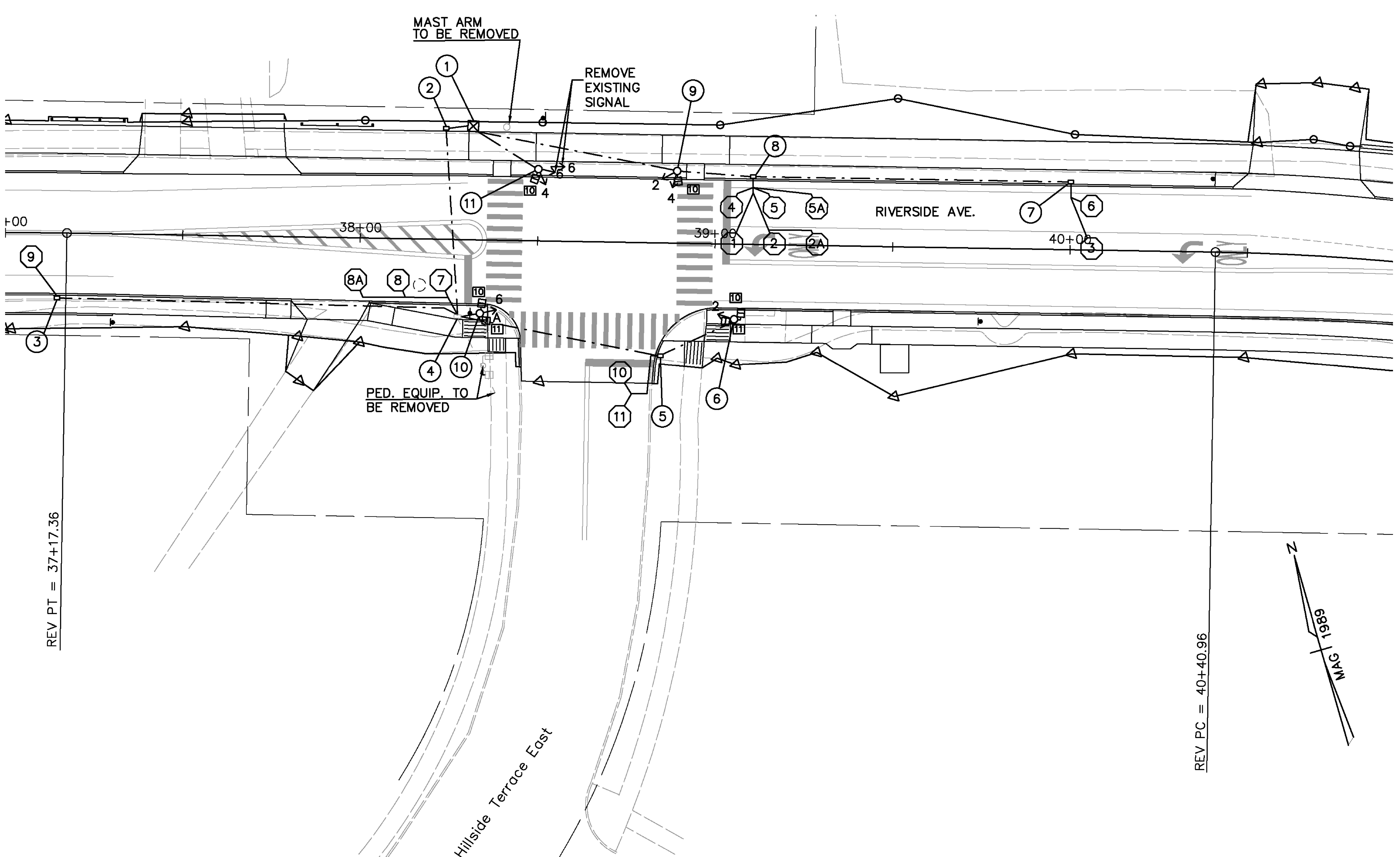
SIGNAL HEADS

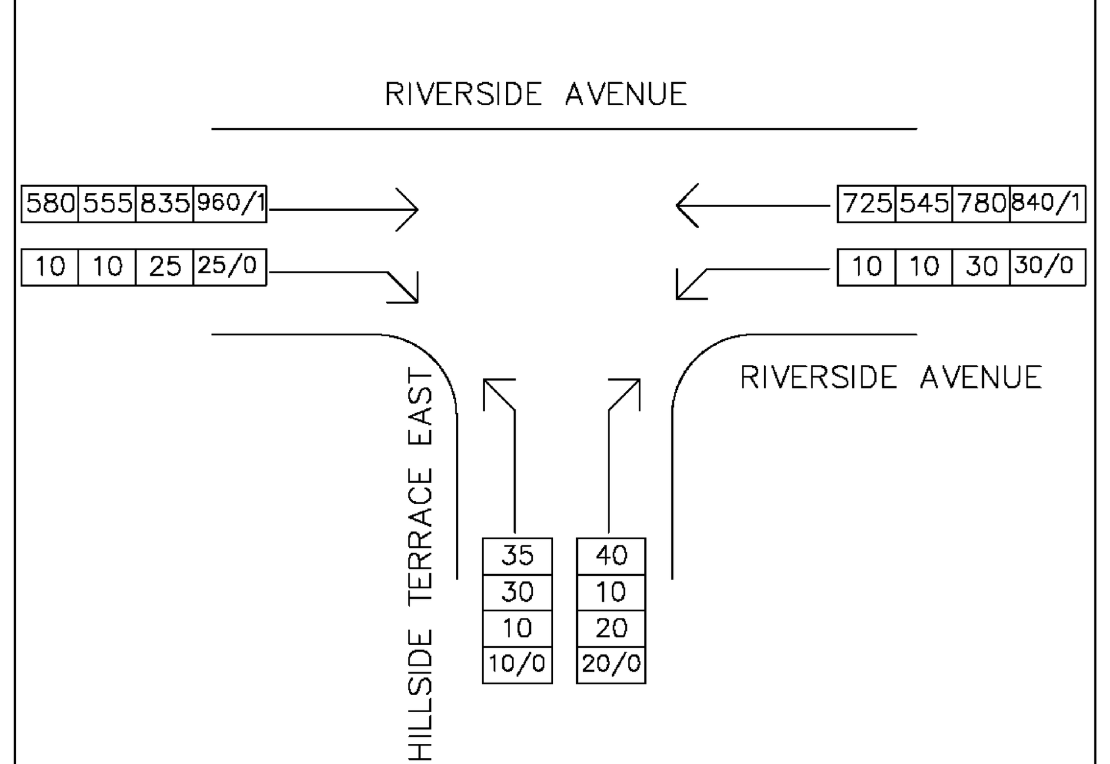
12" LENSES, LED LAMPS



ONE-SECTION L.E.D. 16"X18" SYMBOLIC/COUNT-DOWN PEDESTRIAN HEADS GELCORE MODEL PS7-CFC9-01A OR APPROVED EQUIVALENT

TO BE PLACED ADJACENT TO SIGNAL HEAD 6.





1999

AVERAGE WEEKDAY VOLUMES

AM PEAK	OFF PEAK	PM PEAK	DHV %

1999 TRAFFIC

NEW LOCATIONS ONLY

ELECTRICAL CONDUIT
3" PVC

FROM	TO
CC (1)	PB (2)
CC (1)	SP (9)
CC (1)	SP (11)
PB (2)	PB (4) (EXIST.)
PB (3)	PB (4) (EXIST.)
PB (4) (EXIST.)	SP (10)
PB (5)	SP (6)
PB (7)	PB (8)
NOTE: 6" ELECTRICAL CONDUIT SLEEVES REQUIRED FOR THE FOLLOWING RUNS:	
PB (4) (EXIST.)	PB (5)
ALL OTHER CONDUIT EXISTING	

38+42 - 38+37 RT 43'
38+26 LT-RT 43'

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 ______

SCALE IN FEET 0 20

REV. 06-23-06

PROJ. NAME BURLINGTON
PROJ. NO. MEGC 5000(15)
SHEET 154 OF 252 SHEETS

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A