

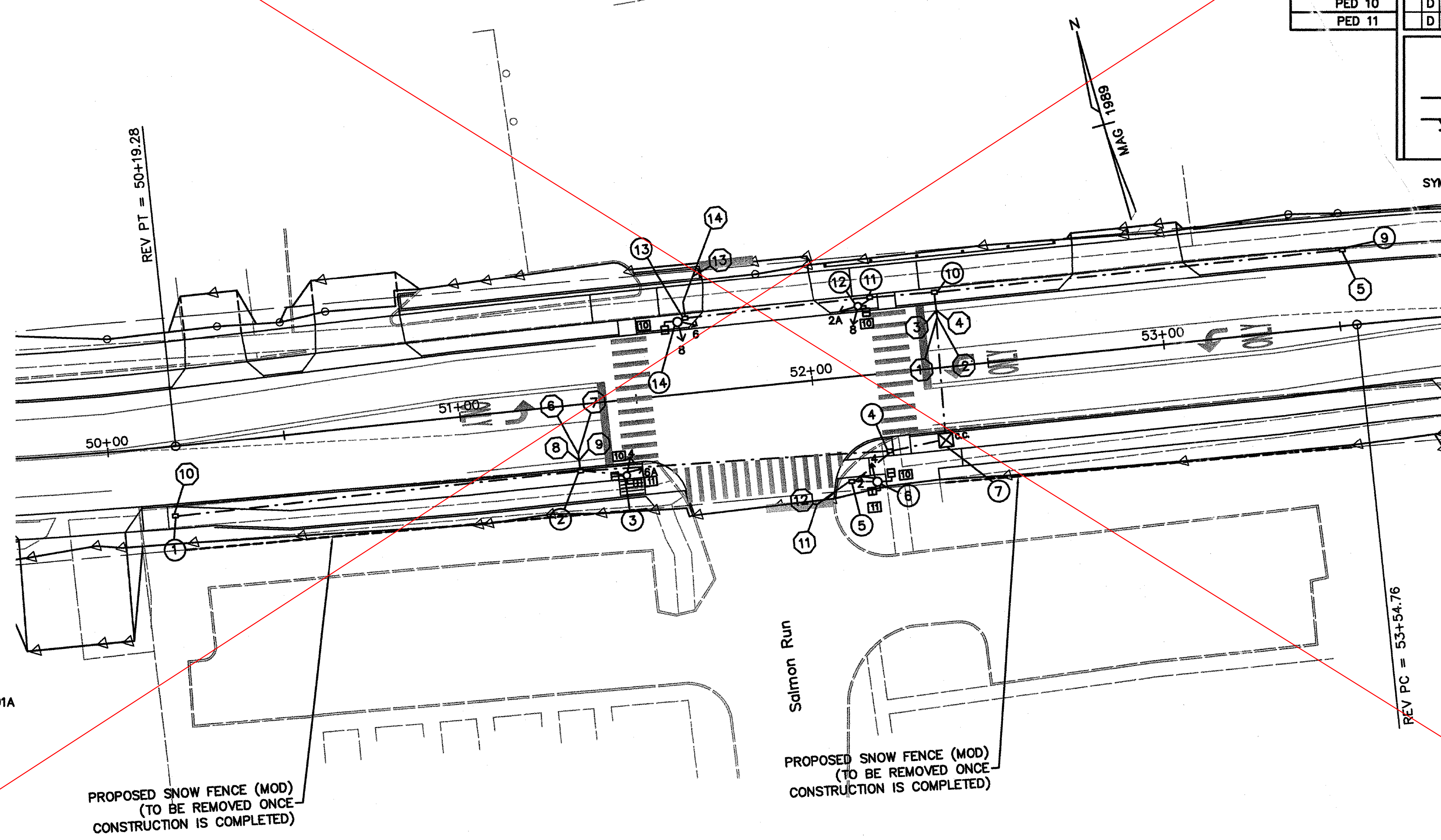
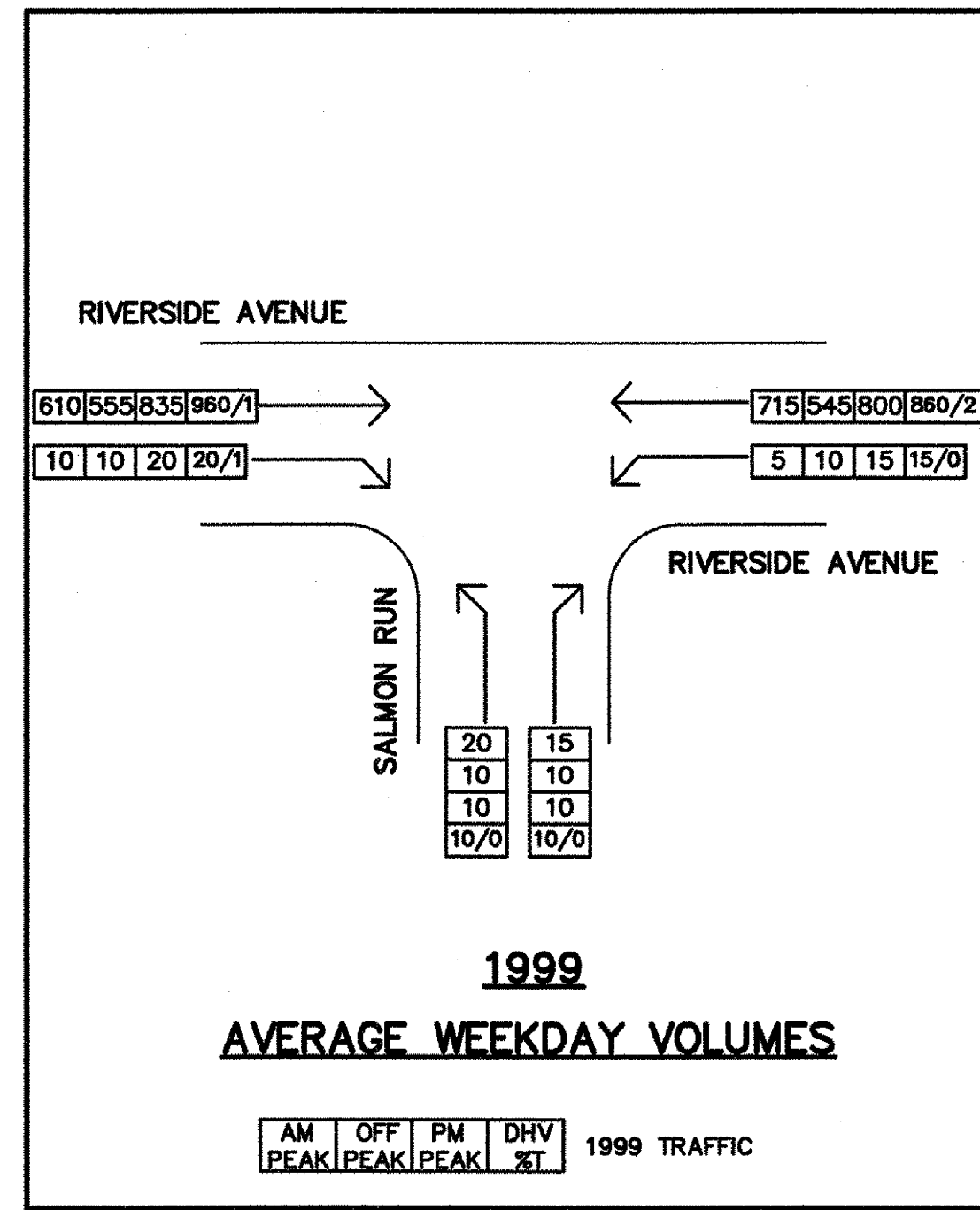
TRAFFIC SIGNAL NOTES:

- 1.) THE OFF-PEAK PROGRAM SHALL ALSO RUN ON WEEKENDS, WHEN NOT IN FLASH MODE.
- 2.) MINIMUM RECALL FOR #A 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 109 FOR UNDERGROUND ELECTRIC SERVICE CONNECTIONS.

VEHICLE LOOP DETECTORS											
LANE	LOOP NO.	SIZE	NO. TURNS	LOOP TYPE	CALL #	INDUCTANCE		RESISTANCE		LEAKAGE TO GRND.	LOCKING MEMORY
						CALC.	ACT.	CALC.	ACT.		
WB LT LANE	1,2	6'-OCT	3	CALL	# A						
WB THRU LANE	3,4	6'-OCT	3	CALL	# A						
WB THRU LANE	5	6'-OCT	4	EXT/CALL	# A						
EB LT LANE	6,7	6'-OCT	3	CALL	# A						
EB THRU LANE	8,9	6'-OCT	3	CALL	# A						
EB THRU LANE	10	6'-OCT	4	EXT/CALL	# A						
NB ALL	11,12	6'-OCT	3	EXT/CALL	# B						
SB ALL	13,14	6'-OCT	3	EXT/CALL	# B						

FOUNDATION LOCATIONS				
LOC.	TYPE	STATION	OFFSET	NOTES
1	PB	50+17	20' RT	12"x18" CONCRETE PULLBOX W/ STEEL COVER
2	PB	51+31	19' RT	12"x18" CONCRETE PULLBOX W/ STEEL COVER
3	SP	51+45	21' RT	TRAFFIC SIGNAL POLE WITH 2 PED. SIGNALS AT 8' MOUNTING HEIGHT, PLUS SIGN AND PUSH BUTTON ASSEMBLY
4	PB	52+20	22' RT	12"x18" CONCRETE PULLBOX W/ STEEL COVER
5	PB	52+09	30' RT	12"x18" CONCRETE PULLBOX W/ STEEL COVER
6	SP	52+15	31' RT	TRAFFIC SIGNAL POLE WITH 2 PED. SIGNALS AT 8' MOUNTING HEIGHT, PLUS SIGN AND PUSH BUTTON ASSEMBLY
7	CC	52+37	21' RT	CONTROLLER+CABINET
8				INTENTIONALLY LEFT BLANK
9	PB	53+53	21' LT	12"x18" CONCRETE PULLBOX W/ STEEL COVER
10	PB	52+37	21' LT	12"x18" CONCRETE PULLBOX W/ STEEL COVER
11	PB	52+18	21' LT	12"x18" CONCRETE PULLBOX W/ STEEL COVER
12	SP	52+15	20' LT	TRAFFIC SIGNAL PEDESTAL WITH PED. SIGNAL AT 8' MOUNTING HEIGHT, PLUS SIGN AND PUSH BUTTON ASSEMBLY
13	PB	51+67	20' LT	12"x18" CONCRETE PULLBOX W/ STEEL COVER
14	SP	51+64	20' LT	TRAFFIC SIGNAL POLE WITH PED. SIGNAL AT 8' MOUNTING HEIGHT, PLUS SIGN AND PUSH BUTTON ASSEMBLY WITH TYPE B2 LUMINAIRE

TIME PERIOD	INIT. INT.	VEH. EXT.	PHASE A (DWELL)			PHASE B			PHASE C (excl. PED)			FLASH 9 PM - 6:30 AM	
			R/W	CLEAR TO		R/W	CLEAR TO		R/W	CLEAR TO			
				# B	# C		# A	# C		# A	# C		
AM PEAK 700-900AM	3	20	4	2	4	2	10	3	1	3	1	7	8
OFF PEAK REST OF DAY	3	20	4	2	4	2	10	3	1	3	1	7	8
PM PEAK 300-600PM	3	20	4	2	4	2	10	3	1	3	1	7	8



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

ELECTRICAL CONDUIT 3" PVC	
FROM	TO
PB (1)	PB (2)
PB (2)	SP (3)
PB (2)	PB (4)
PB (4)	CC (7)
PB (5)	SP (4)
PB (5)	SP (6)
CC (7)	PB (10)
PB (9)	PB (10)
PB (10)	PB (11)
PB (11)	SP (12)
PB (11)	PB (13)
PB (13)	SP (14)
POWER SOURCE	SL-79

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

PB (2)	PB (4)
PB (4)	CC (7)
PB (11)	PB (13)

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

2,2A,4,6,6A,8

LEFT TURN YIELD ON GREEN

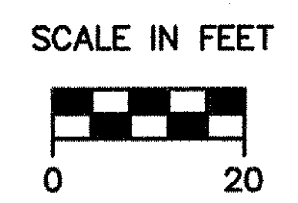
TO BE PLACED ADJACENT TO SIGNAL HEADS 2A,6A.

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	155 OF 252 SHEETS		



SEE REVISED PLAN

DATUM

VERTICAL	NGVD 1929
HORIZONTAL	N/A