

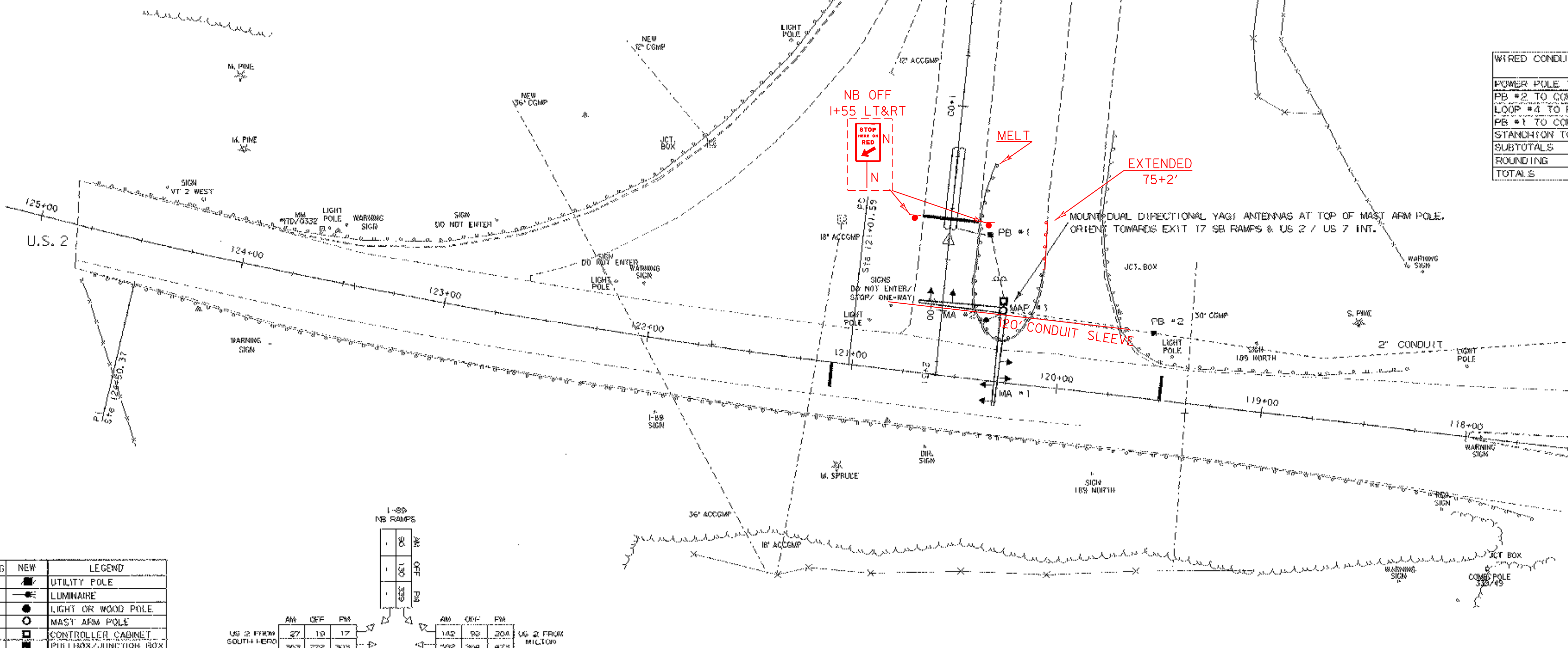
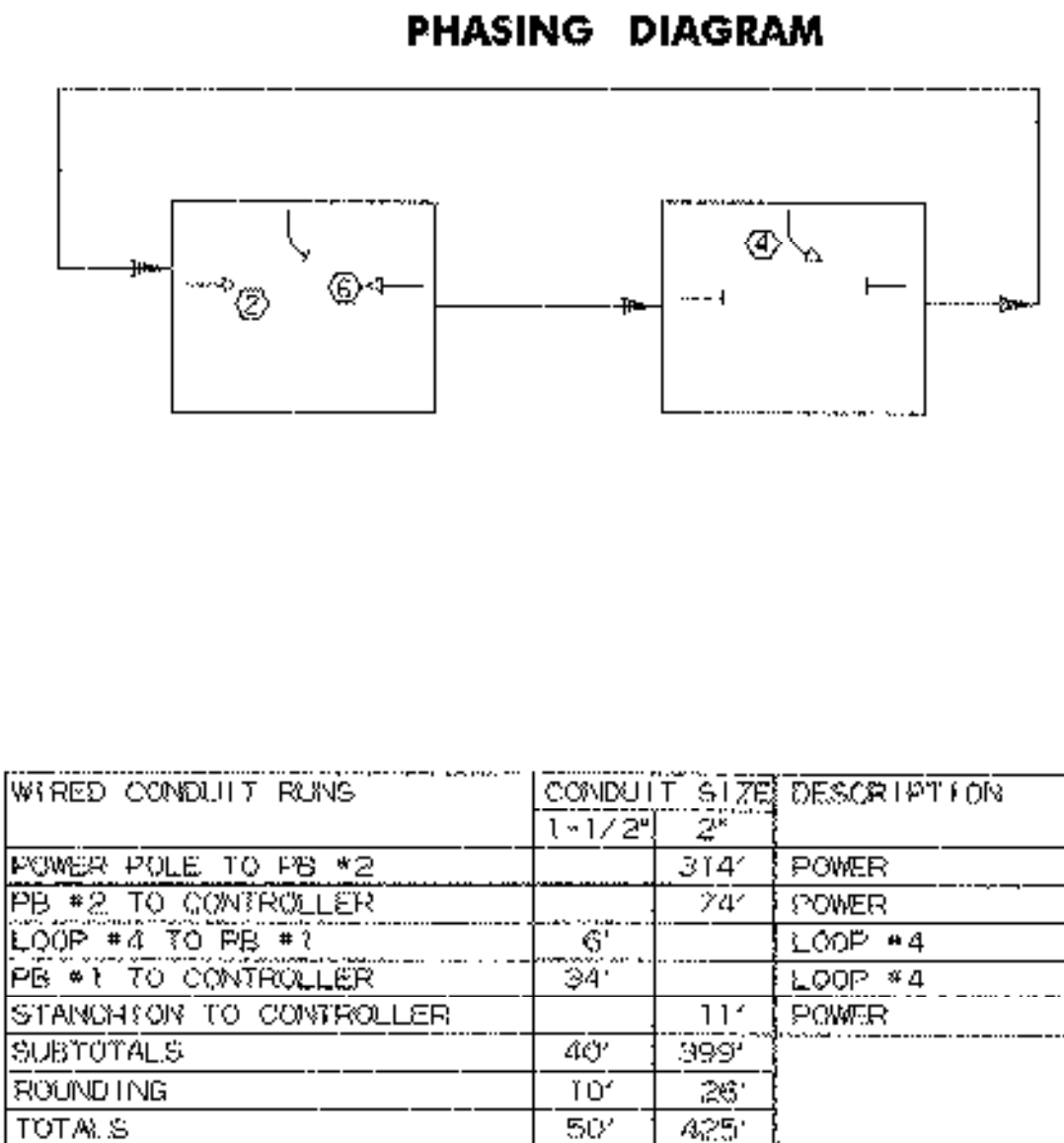
VEHICLE DETECTOR LOOPS										
LOOP NO.	LANE	CALL	SIZE	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE CALC. ACT.	RESISTANCE CALC. ACT.	LEAKAGE TO GROUND	LOCKING MEMORY	
4	SB	4	6x40	QUAD-2	PRESENCE	351		0.73		

INDUCTANCE IN MICROHENRIES  
RESISTANCE IN OHMS (@77 DEGREES FAHRENHEIT)

LIST OF MAJOR EQUIPMENT	
ITEM # 678.15 (NB RAMP)	QUANTITY
MAST ARM POLES	1
POWER DROP STANCHION	1
NEW 12" TRAFFIC SIGNAL HEADS W/ TUNNEL VISORS, DISCONNECT HANGERS & MOUNTING HARDWARE	
A. ONE-WAY SECTION	6
POLE MOUNTED CABINET/CONTROLLER	1
TRUSS ARMS	2
BACKPLATES	6
WIRELESS INTERCONNECT EQUIPMENT	1

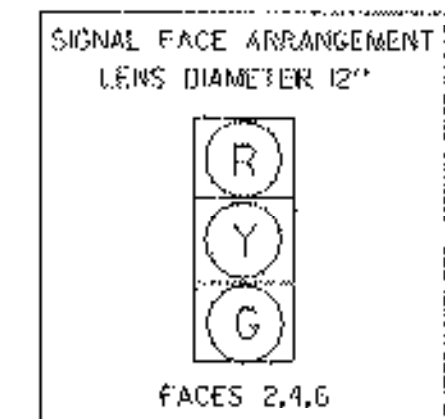
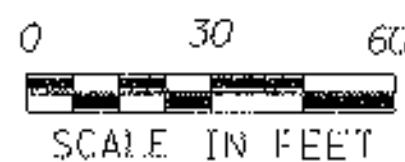
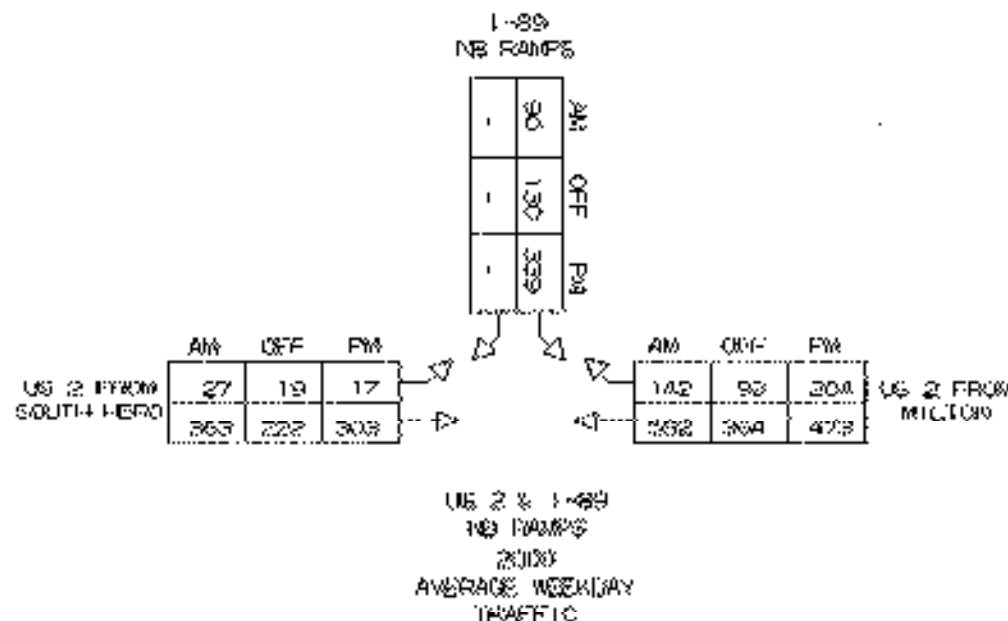
CONTROLLER TIMING CHART								
US-2 & I-89 NORTH RAMPS								
PHASE	1	2	3	4	5	6	7	8
TRAFFIC MOVEMENT	→	↓		←				
MINIMUM GREEN	8	8		8				
MAXIMUM 1 GREEN	38	10		38				
MAXIMUM 2 GREEN	29	16		29				
MAXIMUM 3 GREEN	23	13		23				
YELLOW CLEARANCE	4	4		4				
ALL RED CLEARANCE	2	2		2				
VEH. EXTENSION	3	3		3				

CONTROLLER TO OPERATE MAXIMUM 1 GREEN TIMINGS FROM 6:00AM-9:00AM  
CONTROLLER TO OPERATE MAXIMUM 2 GREEN TIMINGS FROM 3:00PM-6:00PM  
CONTROLLER TO OPERATE MAXIMUM 3 GREEN TIMINGS FROM 9:00AM-3:00PM & 6:00PM-9:00AM



ITEM 678.26  
JUNCTION BOX  
PB#1 - STA. 120+38 - 76' RT  
PB#2 - STA. 119+55 - 30' RT  
PB#3 - STA. 120+28 - 45' RT

EXISTING	NEW	LEGEND
○	●	UTILITY POLE
○	○	LUMINAIRE
○	○	LIGHT OR WOOD POLE
○	○	MAST ARM POLE
□	□	CONTROLLER CABINET
□	□	PULLBOX/JUNCTION BOX
○	○	SIGNAL HEAD
—	—	CONDUIT
—	—	VEHICLE LOOPS
○	○	STANCHION
—	—	SWEEP



PROJECT NAME: COLCHESTER  
PROJECT NUMBER: NHG\_SGNL(22)  
FILE NAME: z6134t21  
PROJECT LEADER: B. NYQUIST  
DESIGNED BY: B. MCAVOY  
/trg/flc/06134/26134t21.dwg  
PLOT DATE: 18-SEP-2003  
DRAWN BY: B. MCAVOY  
CHECKED BY:  
SHEET 4 OF 15