

QUANTITY	
2	
1	
5	
2	
1	
3	
7	
3	

PHASE	1	2	3	4	5	6	7	8	9
TRAFFIC MOVEMENT	→	↓	↖	←					
MINIMUM GREEN	8	8	5	8					
MAXIMUM 1 GREEN	35	13	10	19					
MAXIMUM 2 GREEN	34	14	8	20					
MAXIMUM 3 GREEN	37	11	15	16					
YELLOW CLEARANCE	4	4	4	4					
ALL RED CLEARANCE	2	2	2	2					
VEH. EXTENSION	2	2	2	2					
WALK (MAN)									7
PED CLEAR (HAND)									14

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

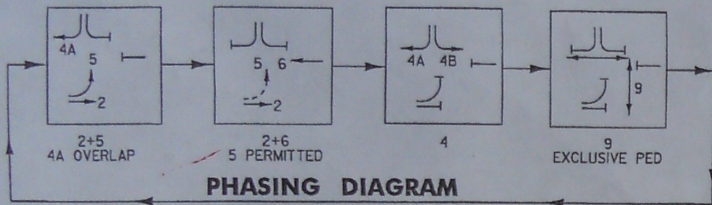
SIGNAL SYSTEM, INTERSECTION

678.25 PULL BOX, STANDARD

STA 14+040.00 RT PB1
 STA 14+040.00 LT PB2
 STA 4+808.53 RT PB3

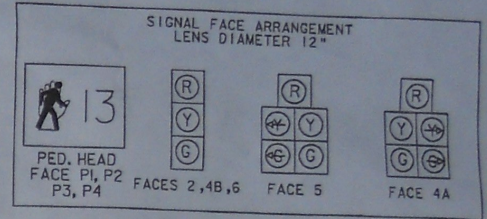
678.30 ELECTRICAL CONDUIT SLEEVE (200MM) (PVC) (SCH 80)

STA 14+040.00 LT - 14+040.00 RT
 STA 4+810.31 LT - 4+808.56 RT

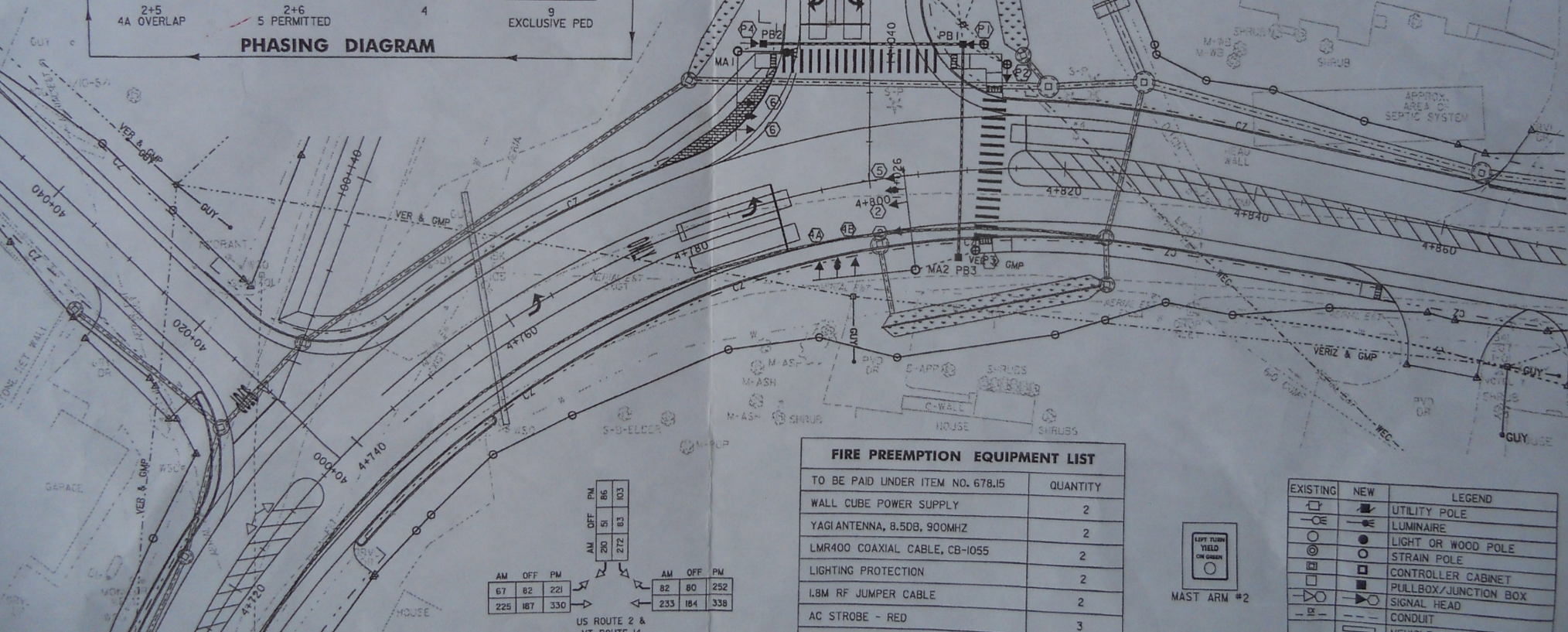


678.23 - WIRED CONDUIT	CONDUIT SIZE	DESCRIPTION
POWER TO STANCHION	50mm	
STANCHION TO CONTROLLER	17.0M	*POWER
CONTROLLER TO PB1	5.1M	POWER
PB1 TO PB2	19.2M (2x9.6M)	POWER/VIDEO
MA1 TO PB2	45.0M (2x22.5M)	POWER/VIDEO
PED1 TO PB1	9.4M (2x4.7M)	POWER/VIDEO
PED2 TO PB1	4.1M	POWER
PB3 TO PB1	6.9M	POWER
PED3 TO PB3	47.6M (2x23.8M)	POWER/VIDEO
MA2 TO PB3	3.9M	POWER
SUBTOTALS	13.2M (2x6.6M)	POWER/VIDEO
ROUNDING		171.4 M
TOTALS		3.6 M
TOTALS		175.0 M

*-CONDUIT QUANTITY INCLUDES PVC RUN ON UTILITY POLE



ALL HEADS TO BE LED'S



AM	OFF	PM
67	82	221
225	187	330

AM	OFF	PM
200	151	86
272	183	103

AM	OFF	PM
82	80	252
233	164	338

US ROUTE 2 & VT ROUTE 14
 2010
 AVERAGE WEEKDAY TRAFFIC

FIRE PREEMPTION EQUIPMENT LIST	
TO BE PAID UNDER ITEM NO. 678.15	QUANTITY
WALL CUBE POWER SUPPLY	2
YAGI ANTENNA, 8.5DB, 900MHZ	2
LMR400 COAXIAL CABLE, CB-1055	2
LIGHTING PROTECTION	2
LBM RF JUMPER CABLE	2
AC STROBE - RED	3
TRANSCEIVER, SHELF MOUNT	1
TRANSCEIVER, MASTER ACTIVATION UNIT	1
SINGLE PUSH BUTTON	



EXISTING	NEW	LEGEND
⊖	⊖	UTILITY POLE
⊖	⊖	LUMINAIRE
⊖	⊖	LIGHT OR WOOD POLE
⊖	⊖	STRAIN POLE
⊖	⊖	CONTROLLER CABINET
⊖	⊖	PULLBOX/JUNCTION BOX
⊖	⊖	SIGNAL HEAD
⊖	⊖	CONDUIT
⊖	⊖	VEHICLE DETECTION ZONE
⊖	⊖	PEDESTAL POST
⊖	⊖	STANCHION
⊖	⊖	VEHICLE DETECTION CAMERA