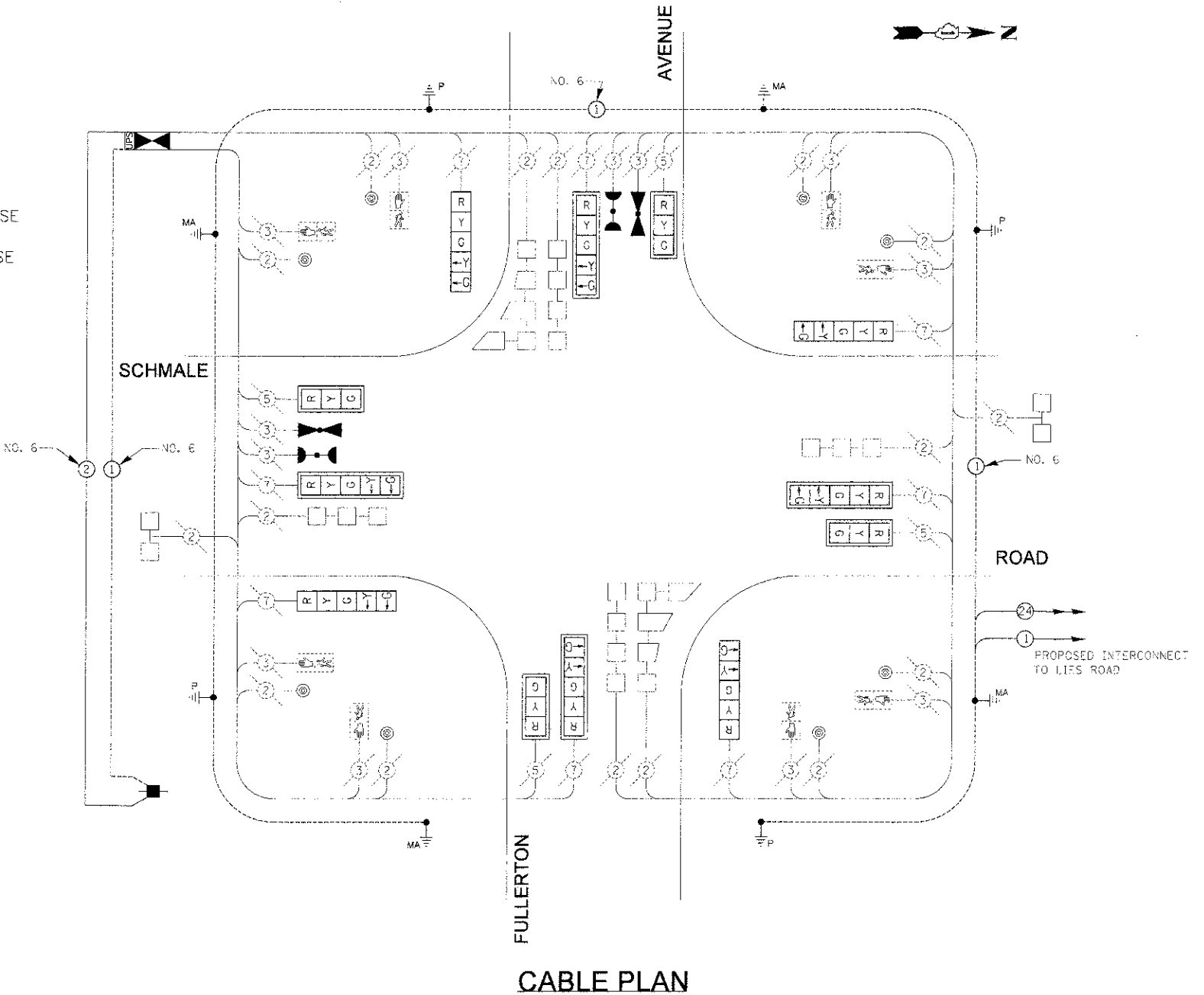
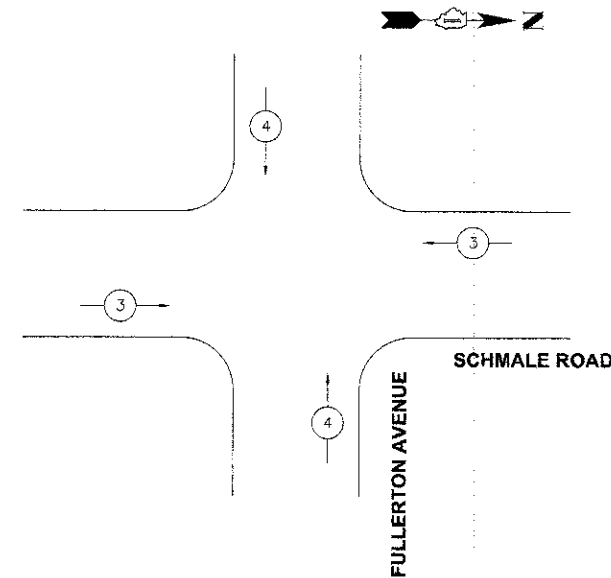
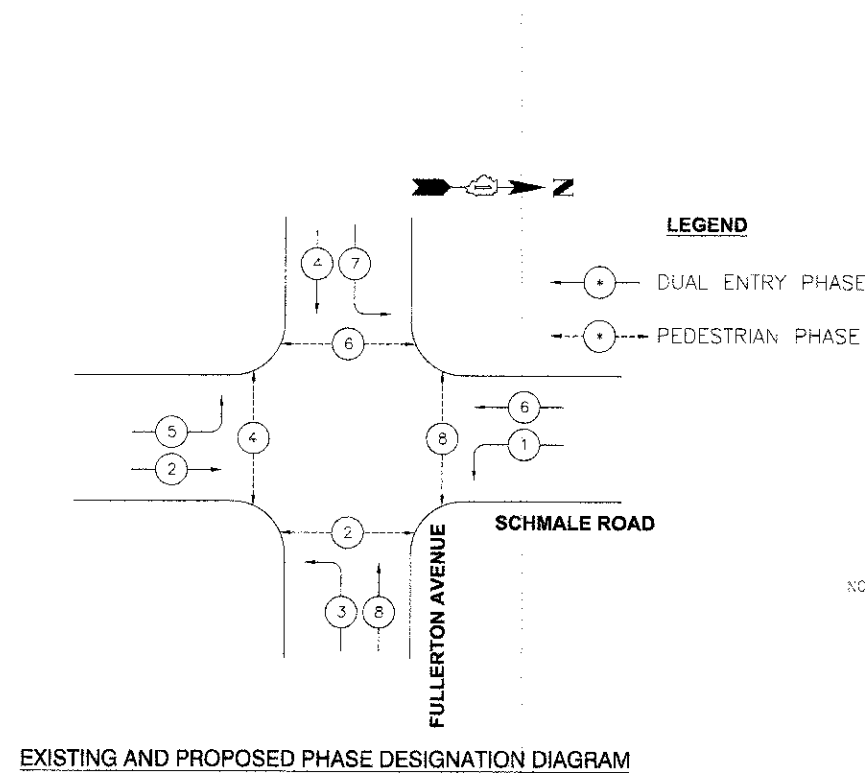




TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		OPERATION (%)	
SIGNAL (RED)	12	INCAND.	LED	0.50	102
	12			0.25	75
	12			0.25	45
ARROW (GREEN)	12			0.10	14.4
PED. SIGNAL	8			1.00	200
CONTROLLER	1			1.00	100
LUMINAIRE					
TOTAL=					\$36.4

SCHEDULE OF QUANTITIES			
PAY CODE NUMBER	PAY ITEM	UNIT	TOTAL
67100100	MOBILIZATION	L SUM	0.2
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	0.2
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	0.2
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	0.2
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	0.2
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	0.2
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCIVER - FIBER OPTIC	EACH	1
87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	6
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	527
87900200	DRILL EXISTING HANDHOLE	EACH	1
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8
88500100	INDUCTIVE LOOP DETECTOR	EACH	8
88700200	LIGHT DETECTOR	EACH	2
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL 2	EACH	1