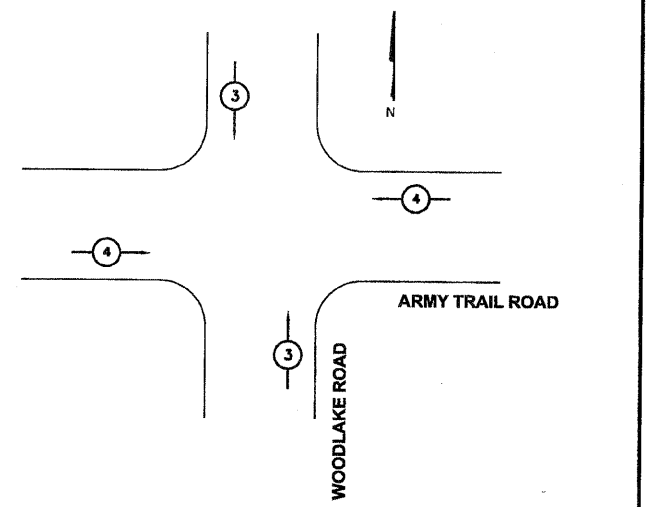
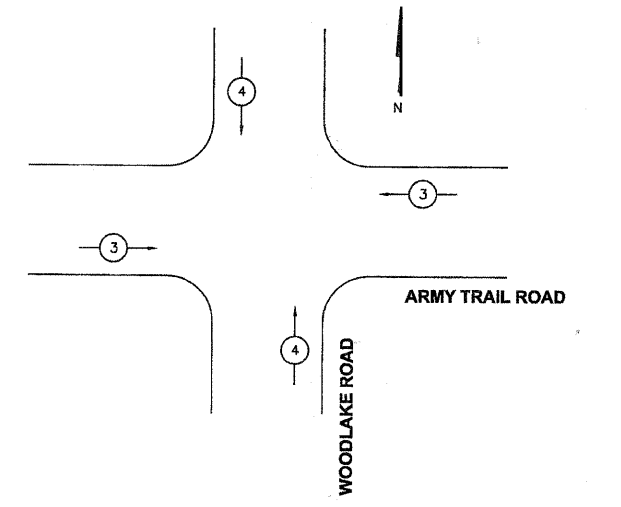
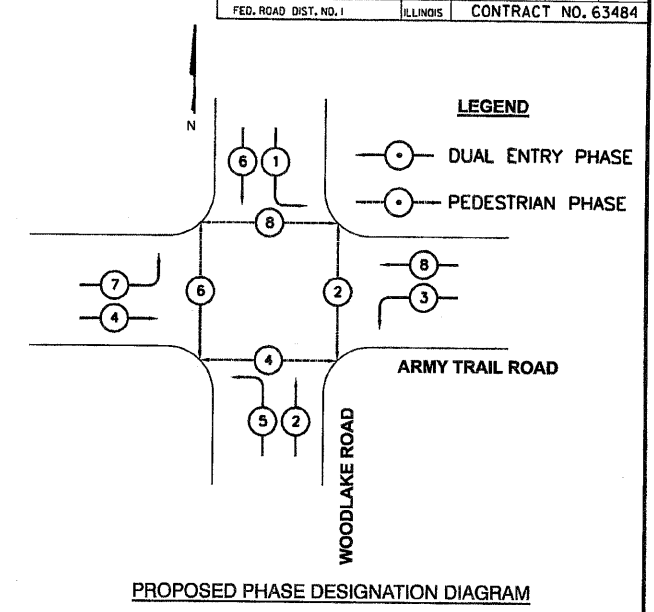
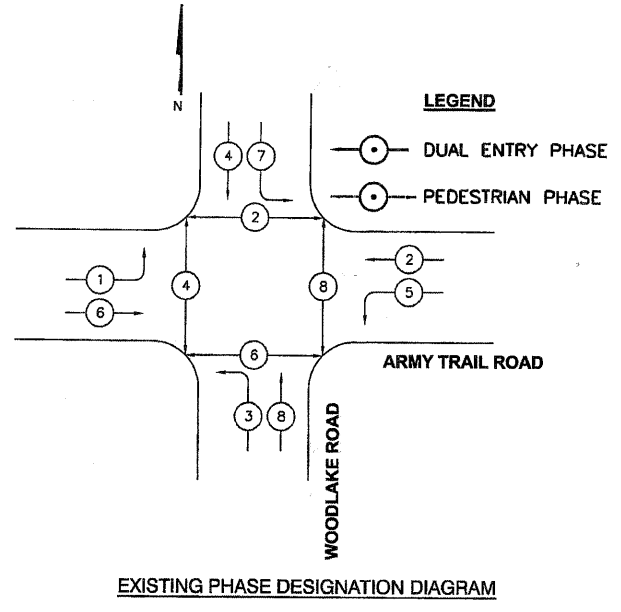
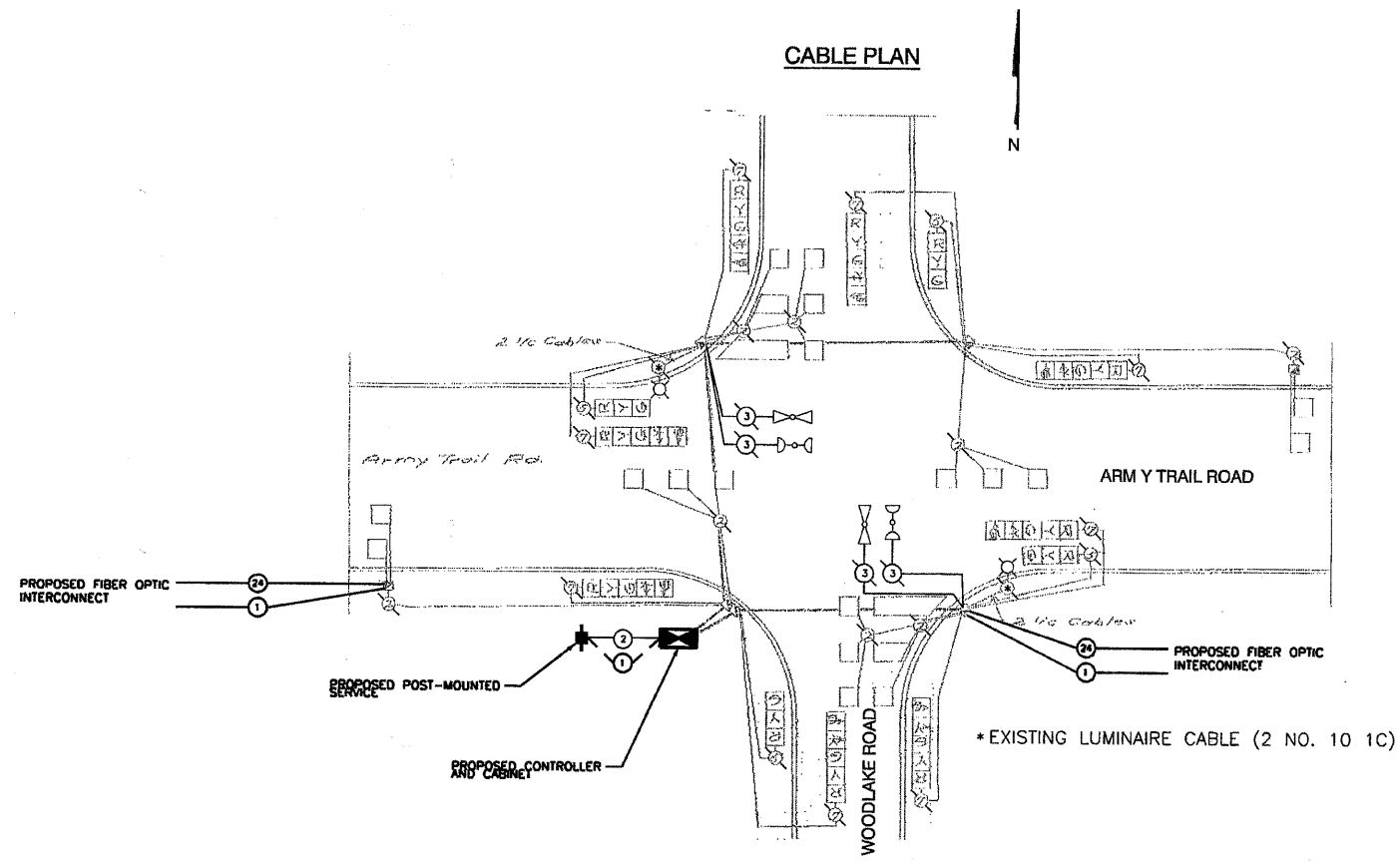


**NOTE:** EQUIPMENT SHALL BE PROVIDED TO CONTROL THE (2) 310 WATT LUMINAIRES MOUNTED ON THE COMBO POLES. EQUIPMENT SHALL INCLUDE A BREAKER BOX MOUNTED INSIDE THE CABINET. THE COST SHALL BE INCIDENTAL TO THE CONTROLLER AND CABINET.

F.A.P. RTE. 0369/0362	SECTION 09-00168-08-TL	COUNTY DU PAGE	TOTAL SHEETS 39	SHEET NO. 33
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 63484	



**SCHEDULE OF QUANTITIES**

67100100	MOBILIZATION	L SUM	0.06
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	0.06
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	0.06
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	0.06
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86400100	TRANSCIVER - FIBER OPTIC	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	2
88500100	INDUCTIVE LOOP DETECTOR	EACH	8
88800100	PEDESTRIAN PUSH BUTTON	EACH	8
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8050015	SERVICE INSTALLATION, POLE MOUNT	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	44
X0325705	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL 2	EACH	1

**DU PAGE COUNTY D.O.T  
TRAFFIC SIGNAL INSTALLATION  
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. LAMPS	WATTAGE		OPERATION (%)	TOTAL WATTAGE
		INCAND.	LED		
RED BALL	12	135	10	0.60	972
YELLOW BALL	12	135	22	0.03	49
GREEN BALL	12	135	12	0.37	599
RED ARROW		135	5	0.85	
YELLOW ARROW	8	135	10	0.02	22
GREEN ARROW	8	135	5	0.13	140
PED - WALK		90	5	0.05	
PED- DON'T WALK		90	6	0.95	
CONTROLLER	1	100		1.00	100
LUMINAIRE	2	310		0.50	310
TOTAL=					2192

**DUPAGE COUNTY DIVISION OF TRANSPORTATION  
ARMY TRAIL RD & WOODLAKE RD  
EXIST AND PROPOSED CABLE DIAGRAM,  
PHASING DIAGRAM AND SCHEDULE OF  
QUANTITIES**

REVISIONS	
NAME	DATE

SCALE: NONE  
DATE: 4/23/10  
DRAWN BY: TH  
DESIGNED BY: TH  
CHECKED BY: DAZ