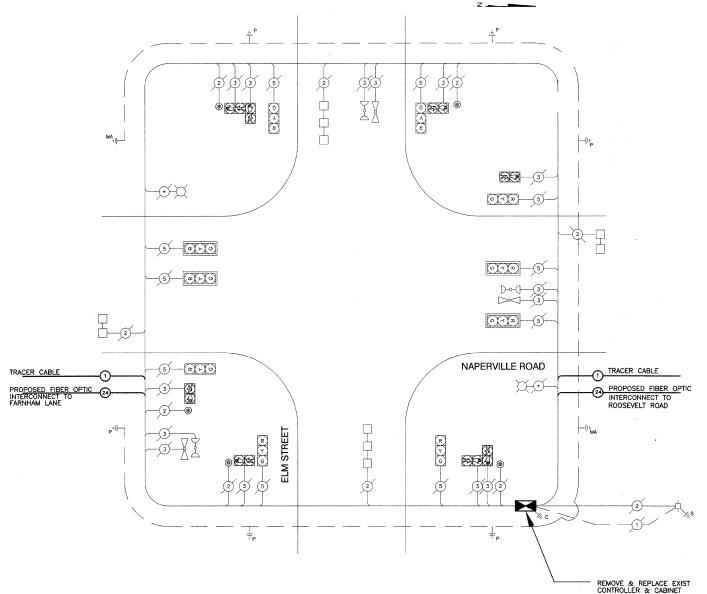


DU PAGE COUNTY D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS							
TYPE	NO. LAMPS	WATTAGE		OPERATION	WATTAGE		
		INCAND.	LED	(%)			
RED BALL	10	135	10	0.60	60		
YELLOW BALL	10	135	22	0.03	6.6		
GREEN BALL	10	135	12	0.37	44.4		
RED ARROW	0	135	5	0.85	0		
YELLOW ARROW	0	135	10	0.02	0		
GREEN ARROW	0	135	5	0.13	0		
PED - WALK	8	90	5	0.05	2		
PED - DON'T WALK	8	90	6	0.95	45.6		
CONTROLLER	+	100	<b></b>	1.00	100		
LUMINAIRE	2	310		0.50	620		



	CABLE PLAN LEG	GEND
PROPOSED	EXISTING	
<del>-</del> 0-		DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED
$\blacksquare$		CONTROLLER CABINET
<b>‡</b>	ф	SERVICE INSTALLATION
		GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (MA) MAST ARM OR (S) SERVICE
		VEHICLE DETECTOR, INDUCTION LOOP
	$\triangleright$	EMERGENCY VEHICLE LIGHT DETECTOR
	D D	CONFIRMATION BEACON
	¤	LUMINAIRE
	•	PEDESTRIAN PUSH BUTTON
		12" PEDESTRIAN SIGNAL SECTION
		SIGNAL FACE WITH BACKPLATE

NOTES:

1. EXISTING CONTROLLER AND CABINET TO BE REPLACED.

REMOVED EQUIPMENT SHALL REMAIN THE PROPERTY OF DUPAGE COUNTY. THE CONTRACTOR SHALL RETURN THE EXISTING CONTROLLER AND CABINET COMPLETE TO THE DUPAGE ELECTRICAL MAINTENANCE FACILITIES.

FOUNDATION(DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE		ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0	)   MAST ARM (L) POLE	20'+L-2=
 E - M. ARM POLE		SIGNAL POST	2 (1.0	)]	(6m+L-0.6m)=
24" (600 mm)	10 (3.0)	CONTROLLER CAB.		BRACKET MOUNTED	13 (4.0)
30" (750 mm)	15 (4.6)	FIBER OPTIC		) PED. BUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5	SERVICE TO GROUND	13.5 (4.1)
		L		POST MOUNTED	6 (1.8)

DUPAGE COUNTY DIVISION OF TRANSPORTATION NAPERVILLE ROAD/ ELM STREET EXISTING AND PROPOSED CABLE PLAN AND PHASING DIAGRAM SCALE: 1"=20' DRAWN BY: TH DESIGNED BY: TH CHECKED BY: DAZ

DATE: 8/21/08