



I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		OPERATION	
		INCAND.	LED	(%)	
SIGNAL (RED)	16	135	17	0.50	1080
(YELLOW)	16	135	25	0.25	540
(GREEN)	16	135	15	0.25	540
ARROW	28	135	12	0.10	378
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
VIDEO CAMERA			15	1.00	
LUMINAIRE		310		0.50	
TOTAL=					2638

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
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	45
87900200	DRILL EXISTING HANDHOLE	EACH	2
88500100	INDUCTIVE LOOP DETECTOR	EACH	12
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	45
X0325705	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL 2	EACH	1

REVISIONS	
NAME	DATE

DUPAGE COUNTY DIVISION OF TRANSPORTATION
75th ST & ILL RTE 53
EXIST AND PROPOSED CABLE DIAGRAM,
PHASING DIAGRAM AND SCHEDULE
OF QUANTITIES

SCALE: NONE
DATE: 4/23/10

DRAWN BY: TH
DESIGNED BY: TH
CHECKED BY: OAZ