



NOTE: SEE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL SHEETS (TS 05) FOR COMPLETE LEGEND

TRAFFIC SIGNAL EQUIPMENT FOR THE PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING SYSTEM.

CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	14	17	0.50		119
(YELLOW)	8	25	0.25		50
(GREEN)	0	15	0.25		0
ARROW	41	12	0.25		123
PED. SIGNAL	8	25	1.00		200.00
CONTROLLER	1	100	1.00		100.00
ILLUM. SIGN					
VIDEO DET.					
LUMINAIRE					
FLASHER					
ENERGY COSTS TO:				TOTAL =	592

1DOT
201 W. CENTER COURT
SCHAUMBURG, ILLINOIS 60196
ENERGY SUPPLY CONTACT: MS. JO BEILER
PHONE: (847) 870-2056
COMPANY: COM. ED.

CODE NUMBER	DESCRIPTION	UNITS	TOTAL QUANTITY
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	29
81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	138
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	448
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	464
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	269
87500800	TRAFFIC SIGNAL POST, 10 FT.	EACH	2
87602300	PEDESTRIAN PUSH-BUTTON POST	EACH	1
87800100	CONCRETE FOUNDATION TYPE A	FOOT	12
87900200	DRILL EXISTING HANDHOLE	EACH	7
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIME	EACH	4
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4
89502200	MODIFY EXISTING CONTROLLER	EACH	1
Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

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 STATE OF ILLINOIS PROFESSIONAL DESIGNER
 LICENSE NO. 048-090194-0001
 PROJECT NO. 11-00177-00-SW
 DATE 9/13/2011



DESIGNED	- CSK	REVISED	- PER IDOT COMMENTS 6-20-11
DRAWN	- RKM	REVISED	- PER ISTHA COMMENTS 6-20-11
CHECKED	- TLH	REVISED	- PER IDOT & ISTHA COMMENTS 8-30-11
DATE	- 3-1-2011	FILE	- 110025-TS-CABLE-WILLOW.SHP

VILLAGE OF GLENVIEW, ILLINOIS
F.A.P. 305 (WILLOW ROAD) SIDEWALK IMPROVEMENTS

SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM
F.A.P. 305 WILLOW ROAD AT I-294 SB EXIT RAMP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00177-00-SW	COOK	21	10
JOB No. C-91-448-11		CONTRACT NO. 63606		
FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT TE-00018591				

SCALE: STA. TO STA.