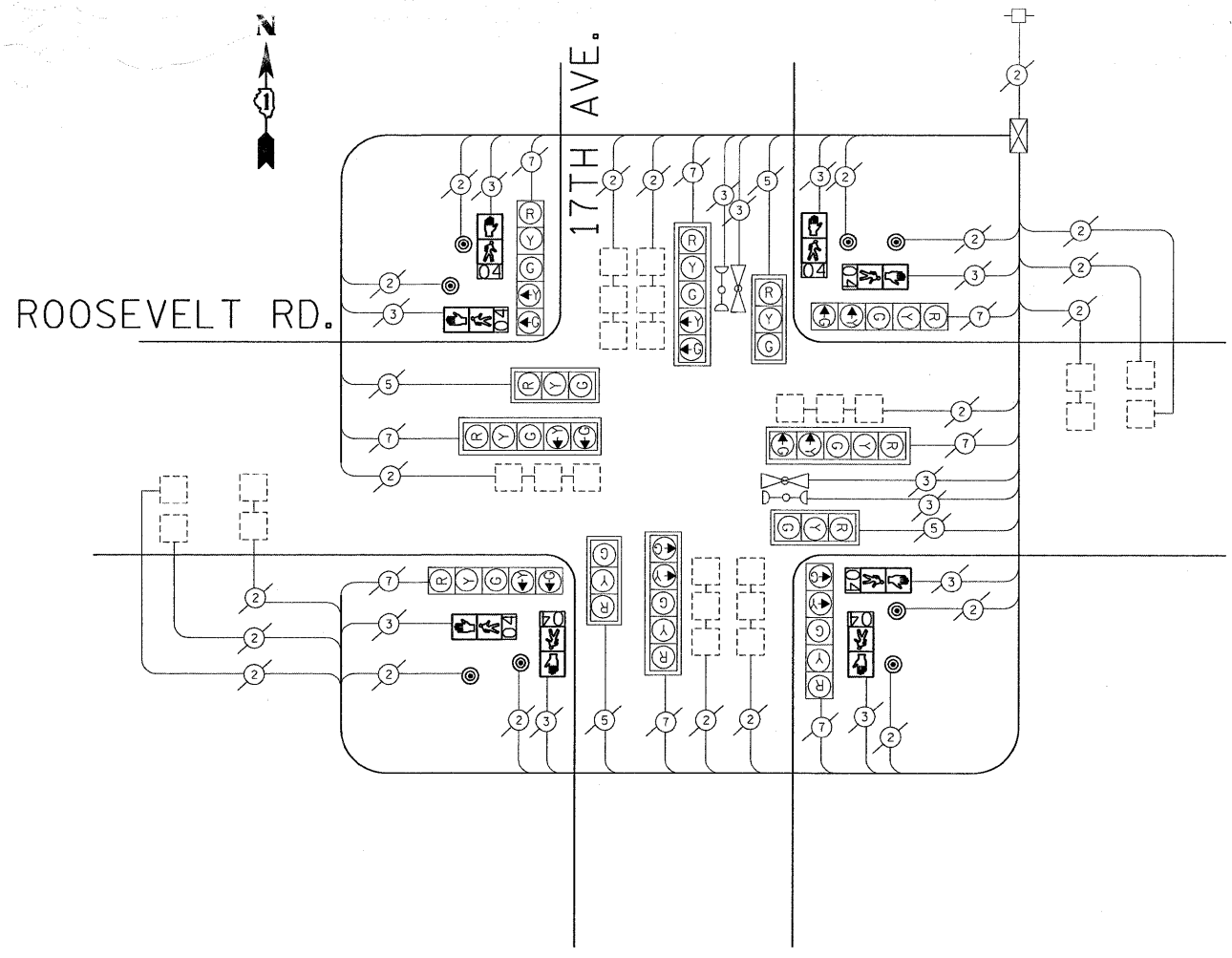


PROPOSED EMERGENCY VEHICLE PREEMPTOR		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	→ ←	↑ ↓

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	FOOT	414
DETECTABLE WARNING	FOOT	191
SIDEWALK REMOVAL	FOOT	414
THERMOPLASTIC PAVEMENT MARKING LINE 12"	FOOT	385
THERMOPLASTIC PAVEMENT MARKING LINE 24"	FOOT	115
THERMOPLASTIC PAVEMENT MARKING REMOVAL	FOOT	390
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRKT. MNTD. with COUNTDOWN TIMER	EACH	8
MODIFY EXISTING CONTROLLER	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8



**CABLE PLAN LEGEND**

	PROPOSED	EXISTING	PROPOSED	EXISTING
CONTROLLER CABINET	[Symbol]	[Symbol]	12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE	[Symbol]
RAILROAD CONTROL CABINET	[Symbol]	[Symbol]	12" (300mm) TRAFFIC SIGNAL SECTION	[Symbol]
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT	[Symbol]	[Symbol]	12" (300mm) PEDESTRIAN SIGNAL SECTION with COUNTDOWN TIMER	[Symbol]
TELEPHONE CONNECTION	[Symbol]	[Symbol]	ILLUMINATED SIGN "NO LEFT TURN"	[Symbol]
GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE	[Symbol]	[Symbol]	ILLUMINATED SIGN "NO RIGHT TURN"	[Symbol]
FIBER OPTIC CABLE IN CONDUIT, NUMBER OF FIBERS AS NOTED	[Symbol]	[Symbol]	PUSHBUTTON DETECTOR	[Symbol]
ELECTRIC CABLE IN CONDUIT, NO. 14, UNLESS OTHERWISE NOTED. NUMBER OF CONDUCTORS AS NOTED	[Symbol]	[Symbol]	DETECTOR LOOP	[Symbol]
GROUND CABLE IN CONDUIT NO. 6 COPPER (GREEN)	[Symbol]	[Symbol]	PERFORMED DETECTOR LOOP	[Symbol]
SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD	[Symbol]	[Symbol]	MICROWAVE VEHICLE SENSOR	[Symbol]
			VIDEO DETECTOR	[Symbol]
			CLOSED CIRCUIT TV	[Symbol]
			EMERGENCY VEHICLE SYSTEM DETECTOR	[Symbol]
			CONFIRMATION BEACON	[Symbol]
			UNINTERRUPTIBLE POWER SUPPLY	[Symbol]

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	12		17	0.50	102.00
(YELLOW)	12		25	0.25	75.00
(GREEN)	12		15	0.25	45.00
ARROW	16		12	0.10	19.20
PED. SIGNAL	8		25	1.00	200.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN				0.05	
FLASHER				0.50	
TOTAL =					541.20

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	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 (0.6)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	PED. PUSHBUTTON	4 (1.2)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

ENERGY COSTS TO: TOTAL = 541.20

ILLINOIS DEPARTMENT OF TRANSPORTATION

ENERGY SUPPLY CONTACT: 708-410-5069  
 PHONE: COM. EDISON  
 COMPANY:

FILE NAME = USER NAME = konthphixaybc  
 c:\pwwork\pwwork\KANTHAPHIXAYBC\d01178\TS.dgn  
 PLOT SCALE = 20.0000 "/ IN.  
 PLOT DATE = 11/6/2009

DESIGNED - REVISED -  
 DRAWN - REVISED -  
 CHECKED - REVISED -  
 DATE - REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN AND  
 PHASE DESIGNATION DIAGRAM  
 ROOSEVELT RD. AT 17TH AVE.

SCALE: SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	2009-094 TS	COOK	14	14
CONTRACT NO. 60151				