

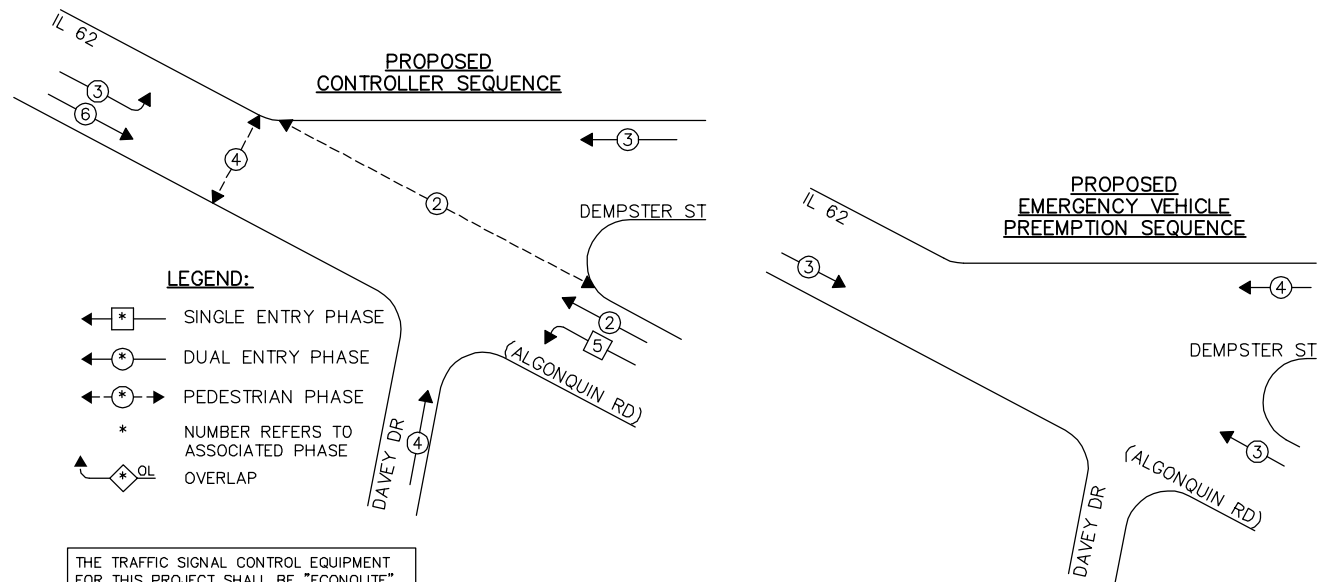
SCHEDULE OF QUANTITIES
IL 62 (ALGONQUIN RD) AT DEMPSTER STREET

NO.	QUANT.	UNIT	DESCRIPTION
1.	220	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
2.	220	SQ FT	SIDEWALK REMOVAL
3.	1.50	CAL MO	ENGINEER'S FIELD OFFICE, TYPE A
4.	0.30	L SUM	MOBILIZATION
5.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606
6.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701
7.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801
8.	18	SQ FT	SIGN PANEL - TYPE 1
9.	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
10.	258	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
11.	75	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
12.	53	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
13.	487	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
14.	4	EACH	HANDHOLE
15.	2	EACH	HEAVY-DUTY HANDHOLE
16.	2	EACH	DOUBLE HANDHOLE
17.	1	EACH	TRANSCEIVER
18.	526	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
19.	954	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
20.	2,230	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
21.	605	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
22.	2,622	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
23.	32	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
24.	674	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1 C
25.	2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
26.	3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
27.	2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
28.	2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.
29.	8	FOOT	CONCRETE FOUNDATION, TYPE A
30.	4	FOOT	CONCRETE FOUNDATION, TYPE C
31.	22	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
32.	5	EACH	DRILL EXISTING HANDHOLE
33.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
34.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
35.	1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
36.	1	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
37.	1	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
38.	5	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
39.	1	EACH	COMBINATION SIGNAL HEAD, LED, 3-FACE, 1-3 SECTION OPTICALLY PROGRAMMED, 2-3 SECTION, BRACKET MOUNTED
40.	4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
41.	8	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
42.	8	EACH	INDUCTIVE LOOP DETECTOR
43.	597	FOOT	DETECTOR LOOP, TYPE I
* 44.	2	EACH	LIGHT DETECTOR
* 45.	1	EACH	LIGHT DETECTOR AMPLIFIER
46.	4	EACH	PEDESTRIAN PUSH-BUTTON
47.	1,601	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
48.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
49.	9	EACH	REMOVE EXISTING HANDHOLE
50.	8	EACH	REMOVE EXISTING CONCRETE FOUNDATION
* 51.	417	FOOT	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C
52.	617	FOOT	ROD AND CLEAN EXISTING CONDUIT
53.	3	EACH	CONDUIT SPLICE
54.	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
55.	1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
56.	220	SQ FT	TEMPORARY SIDEWALK
57.	26	SQ FT	TEMPORARY INFORMATION SIGNING
58.	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING

* 100% OF THE COST SHALL BE PAID FOR BY THE VILLAGE OF MOUNT PROSPECT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	L.E.D.		
SIGNAL (RED)	17	135	17	0.50	144.5
SIGNAL (YELLOW)	17	135	25	0.25	106.25
SIGNAL (GREEN)	17	135	15	0.25	63.75
ARROW	4	135	12	0.10	4.8
PED. SIGNAL	4	90	25	1.00	100.0
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	1	-	25	1.00	25.0
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =					544.3

ENERGY COSTS - BILLED TO: VILLAGE OF MOUNT PROSPECT
(ADDRESS) 1700 W. CENTRAL AVE
(ADDRESS) MT. PROSPECT, IL 60056
ENERGY SUPPLY - CONTACT: NEW BUSINESS
PHONE: (866) 639-3552
COMPANY: COM-ED, LIBERTYVILLE



PROPOSED PHASE DESIGNATION DIAGRAM

FILE NAME = 4085.882-Cob16.dwg

	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -
	PLOT SCALE = 1" = .0833'	DRAWN - ZCW	REVISED -
	PLOT DATE = 8/15/2012	CHECKED - KLB	REVISED -
		DATE - 8/15/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL 62 (ALGONQUIN RD) AT DEMPSTER STREET**

FAP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2012-030TS	COOK	39	33
CONTRACT #:			60182	
ILLINOIS FED. AID PROJECT				

GHA #4085.882