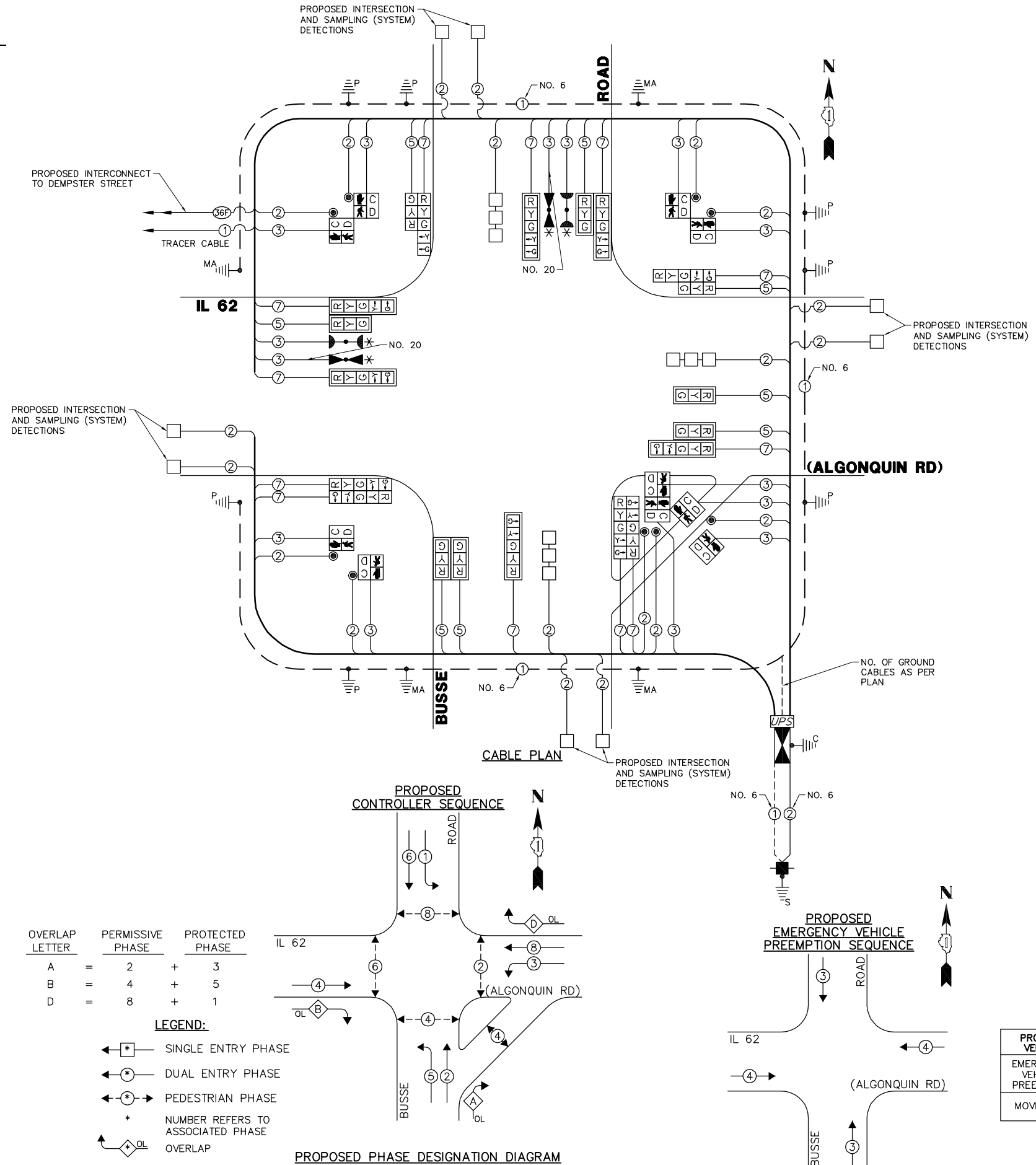


SCHEDULE OF QUANTITIES
IL 62 (ALGONQUIN RD) AT BUSSE ROAD

NO.	QUANT.	UNIT	DESCRIPTION
1.	110	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
2.	110	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.	13.50	SQ FT	SIGN PANEL - TYPE 1
9.	25.00	SQ FT	SIGN PANEL - TYPE 2
10.	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
11.	265	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
12.	243	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
13.	111	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
14.	638	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
15.	2	EACH	HANDHOLE
16.	3	EACH	HEAVY-DUTY HANDHOLE
17.	3	EACH	DOUBLE HANDHOLE
18.	1	EACH	TRANSCEIVER - FIBER OPTIC
19.	1,949	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
20.	2,905	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
21.	2,149	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
22.	3,224	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
23.	4,469	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
24.	31	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
25.	799	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1 C
26.	4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
27.	3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
28.	3	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.
29.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.
30.	12	FOOT	CONCRETE FOUNDATION, TYPE A
31.	4	FOOT	CONCRETE FOUNDATION, TYPE C
32.	46	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
33.	8	EACH	DRILL EXISTING HANDHOLE
34.	6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
35.	6	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
36.	2	EACH	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
37.	2	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
38.	3	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
39.	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
40.	1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
41.	12	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
42.	11	EACH	INDUCTIVE LOOP DETECTOR
43.	584	FOOT	DETECTOR LOOP, TYPE I
* 44.	2	EACH	LIGHT DETECTOR
* 45.	1	EACH	LIGHT DETECTOR AMPLIFIER
46.	9	EACH	PEDESTRIAN PUSH-BUTTON
47.	1,874	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
48.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
49.	10	EACH	REMOVE EXISTING HANDHOLE
50.	8	EACH	REMOVE EXISTING CONCRETE FOUNDATION
* 51.	784	FOOT	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C
52.	937	FOOT	ROD AND CLEAN EXISTING CONDUIT
53.	900	SQ FT	BRICK PAVEMENT REMOVAL AND REPLACEMENT
54.	8	EACH	CONDUIT SPLICE
55.	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL
56.	1	EACH	MASTER CONTROLLER (SPECIAL)
57.	1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
58.	110	SQ FT	TEMPORARY SIDEWALK
59.	51.40	SQ FT	TEMPORARY INFORMATION SIGNING
60.	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING



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

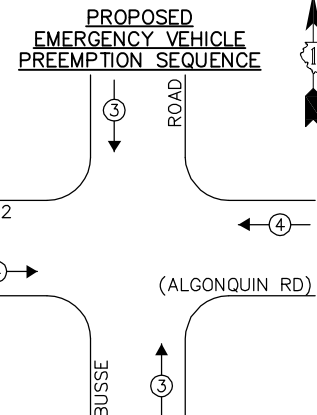
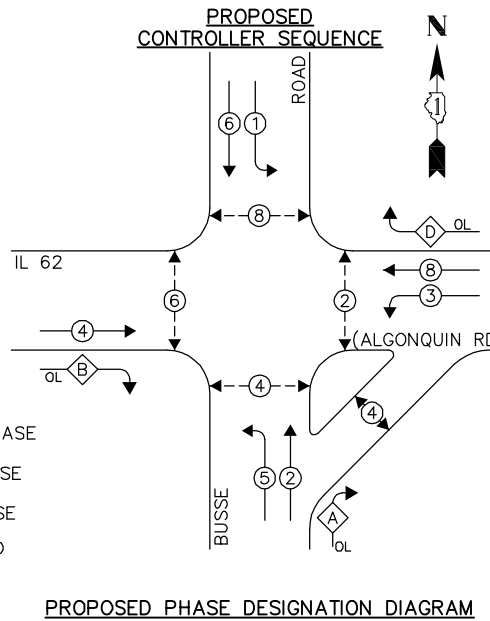
TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	L.E.D.	% OPERATION	
SIGNAL (RED)	20	135	17	0.50	170.0
SIGNAL (YELLOW)	20	135	25	0.25	125.0
SIGNAL (GREEN)	20	135	15	0.25	75.0
ARROW	22	135	12	0.10	26.4
PED. SIGNAL	10	90	25	1.00	250.0
CONTROLLER	1	-	100	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 =					771.4

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

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOMITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2 + 3	
B	= 4 + 5	
D	= 8 + 1	

- LEGEND:**
- ← * → SINGLE ENTRY PHASE
 - ← * DUAL ENTRY PHASE
 - ← * → PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE
 - ← * OL OVERLAP



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑	→



USER NAME = ZACH WALLSTEN
DESIGNED - JRD
DRAWN - ZCW
CHECKED - KLB
DATE - 8/15/2012

REVISD -
REVISD -
REVISD -
REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION
DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL 62 (ALGONQUIN RD) AT BUSSE ROAD**

SCALE: N.A. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2012-030TS	COOK	39	26
CONTRACT #:			60182	
ILLINOIS FED. AID PROJECT				

GHA #4085.882