

**SCHEDULE OF QUANTITIES**  
U.S. RTE 41 (SKOKIE BOULEVARD) AT GROSS POINT ROAD

NO.	QUANT.	UNIT	DESCRIPTION
1.	111	SQ YD	SUBBASE GRANULAR MATERIAL, TYPE B 8"
2.	3,000	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
3.	196	SQ FT	DETECTABLE WARNINGS
4.	107	SQ YD	PAVEMENT REMOVAL
5.	153	FOOT	COMBINATION CURB AND GUTTER REMOVAL
6.	860	SQ FT	SIDEWALK REMOVAL
7.	795	SQ FT	MEDIAN REMOVAL
8.	14	SQ YD	CLASS D PATCHES, TYPE I, 12 INCH
9.	2	EACH	FRAMES AND LIDS TO BE ADJUSTED
10.	213	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
11.	135	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
12.	1,000	SQ FT	CONCRETE MEDIAN SURFACE, 4 INCH
13.	1.50	CAL MO	ENGINEER'S FIELD OFFICE, TYPE A
14.	0.20	L SUM	MOBILIZATION
15.	0.20	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501
16.	0.20	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606
17.	0.20	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701
18.	0.20	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801
19.	55.00	SQ FT	SIGN PANEL - TYPE 2
20.	36.40	SQ FT	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
21.	80	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 4"
22.	863	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 6"
23.	292	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 8"
24.	248	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
25.	1,022.40	SQ FT	PAVEMENT MARKING REMOVAL
26.	1,103	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
27.	138	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
28.	42	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
29.	538	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
30.	5	EACH	HANDHOLE
31.	4	EACH	HEAVY-DUTY HANDHOLE
32.	2	EACH	DOUBLE HANDHOLE
33.	1	EACH	TRANSCIVER - FIBER OPTIC
34.	1,733	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
35.	2,665	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
36.	1,722	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
37.	2,296	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
38.	4,268	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
39.	82	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
40.	2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
41.	2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
42.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.
43.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.
44.	1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.
45.	1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.
46.	16	FOOT	CONCRETE FOUNDATION, TYPE A
47.	4	FOOT	CONCRETE FOUNDATION, TYPE C
48.	52	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
49.	2	EACH	DRILL EXISTING HANDHOLE
50.	8	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
51.	3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
52.	5	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
53.	1	EACH	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
54.	6	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
55.	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
56.	13	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
57.	12	EACH	INDUCTIVE LOOP DETECTOR
58.	687	FOOT	DETECTOR LOOP, TYPE I
59.	2	EACH	LIGHT DETECTOR
60.	1	EACH	LIGHT DETECTOR AMPLIFIER
61.	10	EACH	PEDESTRIAN PUSH-BUTTON
62.	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
63.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
64.	10	EACH	REMOVE EXISTING HANDHOLE
65.	9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
66.	347	FOOT	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C
67.	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
68.	1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
69.	800	SQ FT	TEMPORARY SIDEWALK
70.	51.40	SQ FT	TEMPORARY INFORMATION SIGNING
71.	1	EACH	ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL
72.	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
73.	686	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C

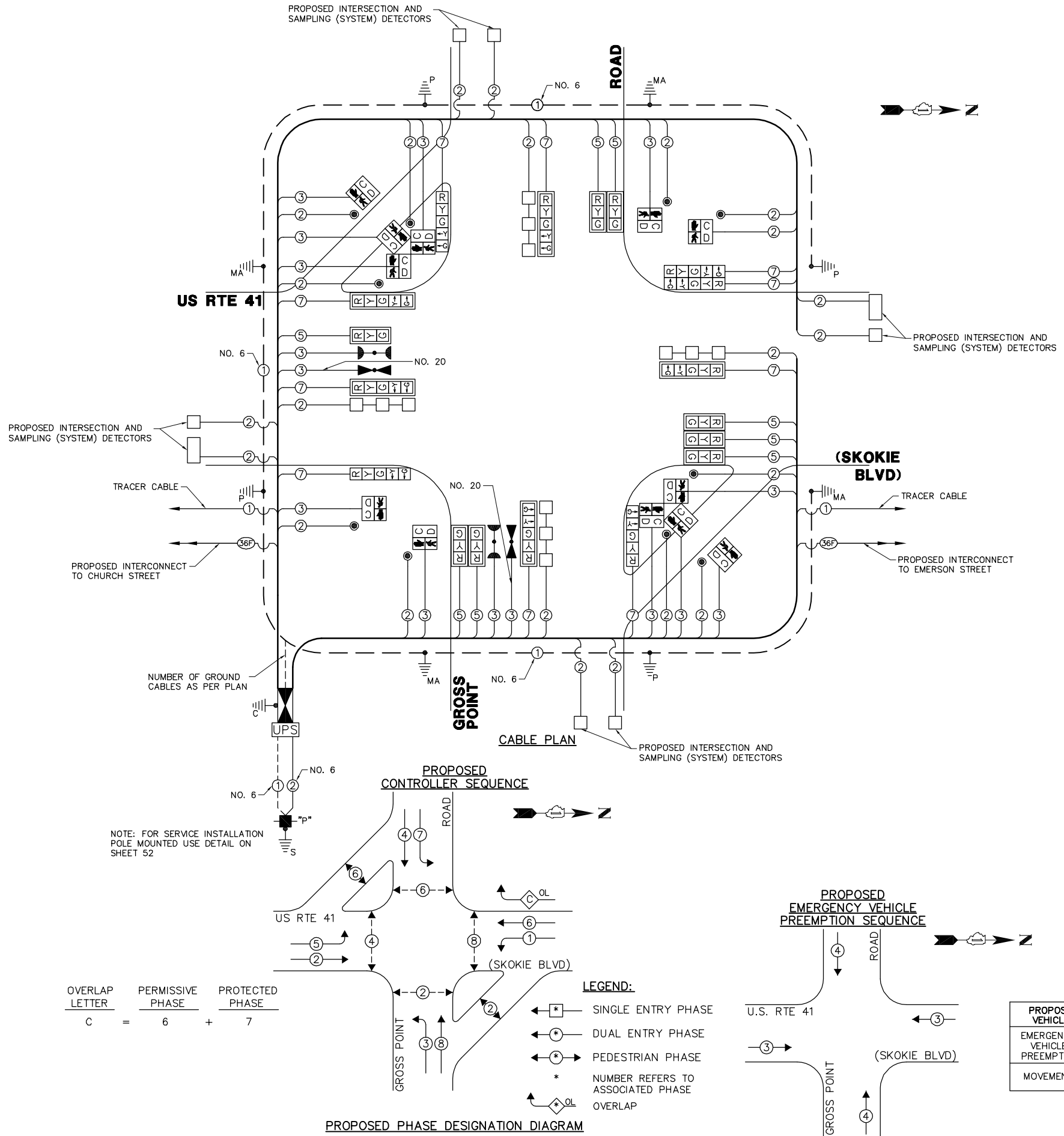
\* 100% OF THE COST SHALL BE PAID FOR BY THE VILLAGE OF SKOKIE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	L.E.D.	% OPERATION	
SIGNAL (RED)	19	135	17	0.50	161.5
SIGNAL (YELLOW)	19	135	25	0.25	118.75
SIGNAL (GREEN)	19	135	15	0.25	71.25
ARROW	20	135	12	0.10	24.0
PED. SIGNAL	12	90	25	1.00	300.0
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 =					800.5

ENERGY COSTS - BILLED TO: VILLAGE OF SKOKIE  
(ADDRESS) 5127 OAKTON STREET  
(ADDRESS) SKOKIE, IL 60077  
ENERGY SUPPLY - CONTACT: MR. LARRY SHANK  
PHONE: (847) 816-5465  
COMPANY: COM-ED



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



OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	= 6	+ 7

- 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	←	↑

FILE NAME = 4085.877-TR1.dwg

USER NAME = ZACH WALLSTEN  
PLOT SCALE = 1" = .0833'  
PLOT DATE = 3/22/2012

DESIGNED - JRD  
DRAWN - ZCW  
CHECKED - KLB  
DATE - 3/22/2012

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION  
DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE  
US RTE 41 (SKOKIE BLVD) AT GROSS POINT ROAD**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIES	2011-209-TS	COOK	52	36
CONTRACT #:			60R47	
ILLINOIS FED. AID PROJECT				

GHA #4085.877