



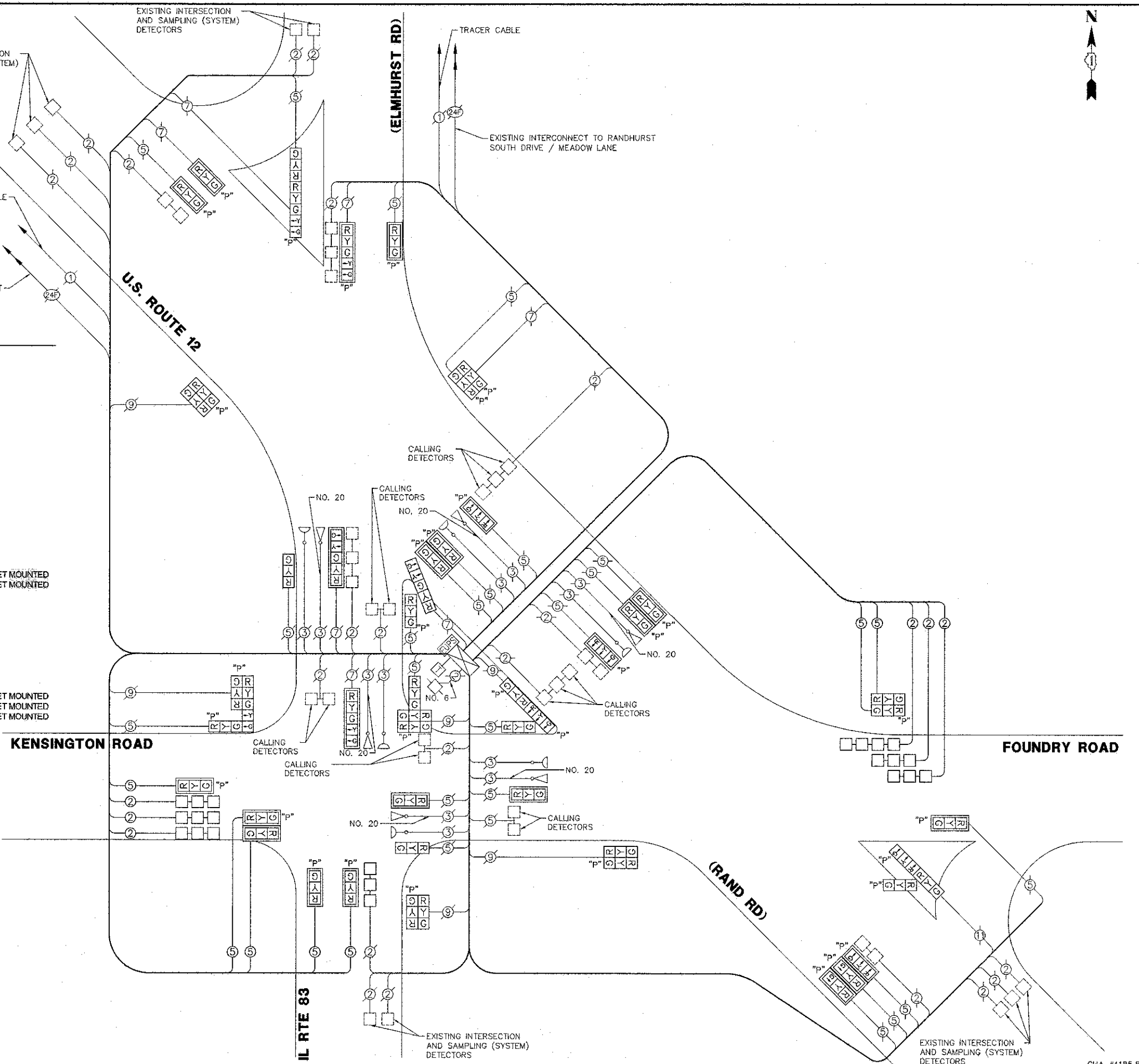
SCHEDULE OF QUANTITIES
U.S. RTE 12 (RAND ROAD) AT IL RTE 83 (ELMHURST RD) AND KENSINGTON ROAD / FOUNDRY ROAD

NO.	QUANT.	UNIT	DESCRIPTION
1.	30.00	SQ FT	SIGN PANEL - TYPE 1
2.	94	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
3.	15	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2-1/2" DIA.
4.	96	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
5.	93	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
6.	2	EACH	HANDHOLE
7.	2	EACH	HEAVY-DUTY HANDHOLE
8.	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
9.	1,783	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 SC
10.	1,545	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
11.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 20 FT. AND 30 FT.
12.	4	FOOT	CONCRETE FOUNDATION, TYPE A
13.	12	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
14.	6	EACH	DRILL EXISTING HANDHOLE
15.	3	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
16.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
17.	1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
18.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
19.	1	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
20.	17	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
21.	1	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
22.	1	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
23.	1	EACH	COMBINATION SIGNAL HEAD, LED, 2-FACE, 1-5 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION, BRACKET MOUNTED
24.	1	EACH	COMBINATION SIGNAL HEAD, LED, 3-FACE, 1-3 SECTION OPTICALLY PROGRAMMED, 2-3 SECTION, BRACKET MOUNTED
25.	23	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
26.	6	EACH	INDUCTIVE LOOP DETECTOR
27.	765	FOOT	DETECTOR LOOP, TYPE I
28.	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
29.	2,843	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
30.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
31.	3	EACH	REMOVE EXISTING HANDHOLE
32.	3	EACH	REMOVE EXISTING CONCRETE FOUNDATION
33.	1	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2
34.	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
35.	4	EACH	COMBINATION SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION, BRACKET MOUNTED
36.	2	EACH	COMBINATION SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION, BRACKET MOUNTED
37.	1	EACH	COMBINATION SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION OPTICALLY PROGRAMMED, 1-5 SECTION, BRACKET MOUNTED

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	L.E.D.	% OPERATION	
SIGNAL (RED)	51	135	17	0.50	433.50
SIGNAL (YELLOW)	51	135	25	0.25	318.75
SIGNAL (GREEN)	51	135	15	0.25	191.25
ARROW	12	135	12	0.10	14.40
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	-	100	1.00	100.00
MASTER CONTROLLER	-	-	100	1.00	100.00
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	-	-	25	1.00	-
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =					1,157.90

ENERGY COSTS - BILLED TO: ILLINOIS DEPT. OF TRANSPORTATION
 (ADDRESS) 201 W. CENTER COURT
 (ADDRESS) SCHAMBURG, IL 60189
 ENERGY SUPPLY - CONTACT: NEW BUSINESS
 PHONE: 1-866-639-3552
 COMPANY: COMED

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



FILE NAME = 4185.805-TR1.dwg

USER NAME = GHA
 PLOT SCALE = 1" = .083'
 PLOT DATE = 12/03/2012

DESIGNED - JRD
 DRAWN - ZCW
 CHECKED - KLB
 DATE - 10/17/12

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES AND CABLE PLAN
U.S. RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD)
AND KENSINGTON ROAD / FOUNDRY ROAD

FAU. RTE. 1295
 SECTION 09-00154-00-PV
 COUNTY COOK
 TOTAL SHEETS 119
 SHEET NO. 68
 CONTRACT # 63748
 ILLINOIS FED. AID PROJECT

GHA #4185.805