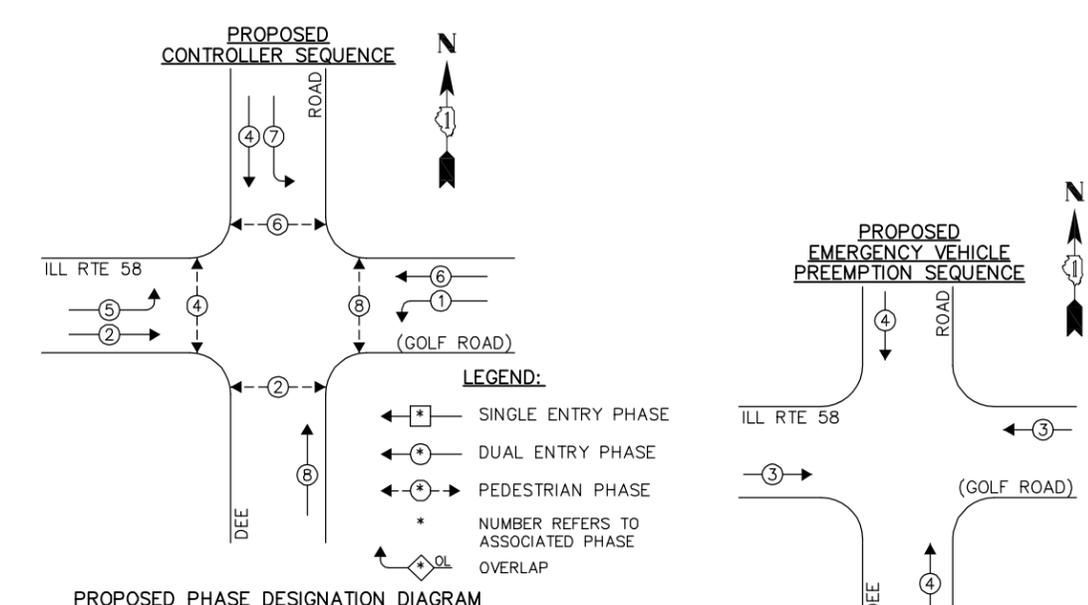
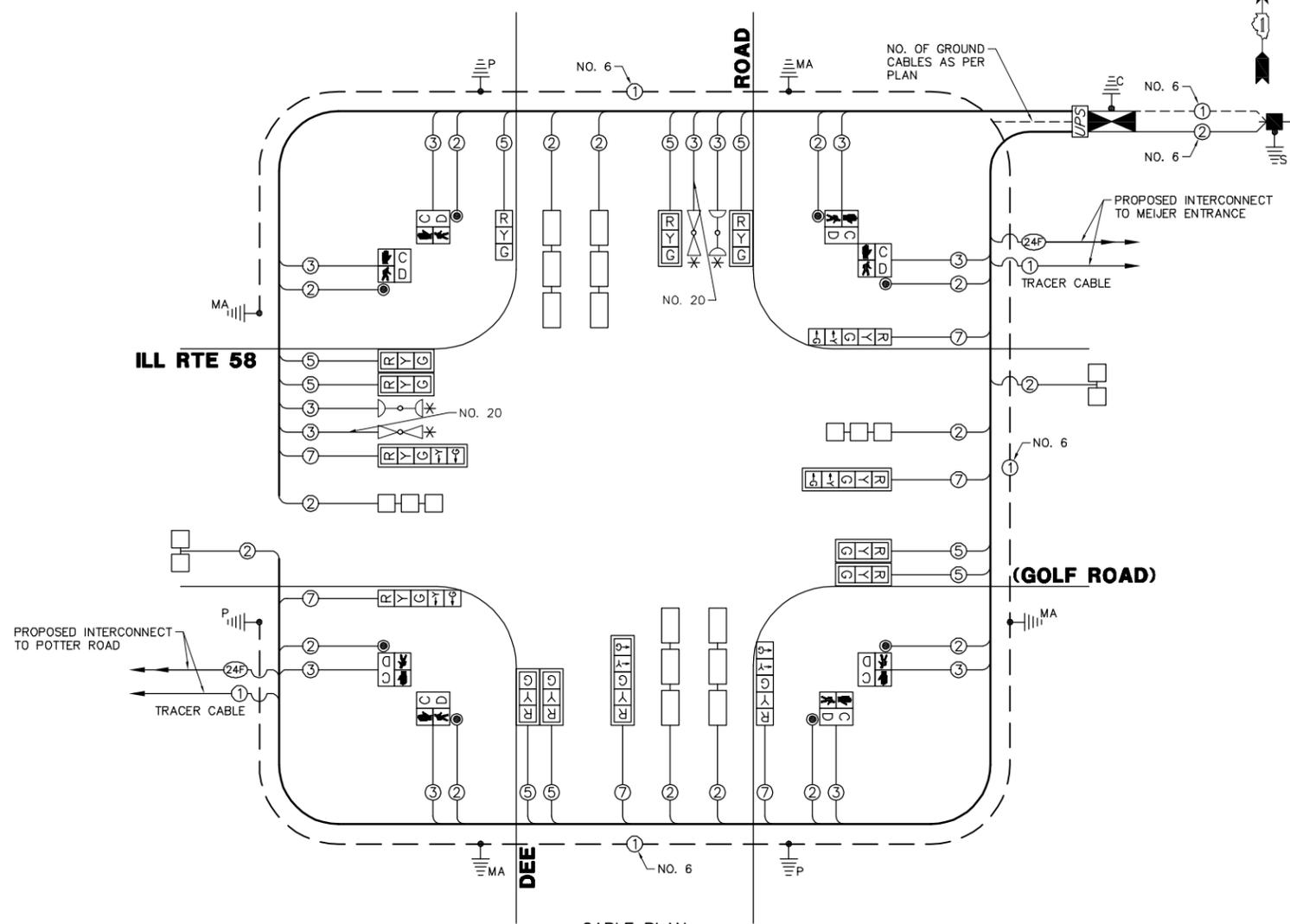


SCHEDULE OF QUANTITIES
ILL ROUTE 58 (GOLF ROAD) AT DEE ROAD

QUANT.	UNIT	DESCRIPTION
15	CU YD	EARTH EXCAVATION
40	SQ YD	SUBBASE GRANULAR MATERIAL, TYPE B 4"
1,310	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
96	SQ FT	DETECTABLE WARNINGS
178	FOOT	COMBINATION CURB AND GUTTER REMOVAL
965	SQ FT	SIDEWALK REMOVAL
178	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
2.00	CAL MO	ENGINEER'S FIELD OFFICE, TYPE A
0.40	L SUM	MOBLIZATION
0.40	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501
0.40	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606
0.40	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701
0.40	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801
12.00	SQ FT	SIGN PANEL - TYPE 1
25.00	SQ FT	SIGN PANEL - TYPE 2
72.80	SQ FT	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS
450	FOOT	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"
114	FOOT	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"
130	SQ FT	PAVEMENT MARKING REMOVAL
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
526	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
22	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
47	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
368	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
2	EACH	HANDHOLE
3	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1	EACH	TRANSCEIVER - FIBER OPTIC
1,049	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1,387	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1,634	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
1,105	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
1,527	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
133	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
527	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1 C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
12	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
46	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
2	EACH	DRILL EXISTING HANDHOLE
8	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
6	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
11	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
8	EACH	INDUCTIVE LOOP DETECTOR
758	FOOT	DETECTOR LOOP, TYPE I
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING SERVICE INSTALLATION
*2	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
*1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
5	EACH	REMOVE EXISTING HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
*284	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
50	SQ FT	BRICK PAVER REMOVAL AND REPLACEMENT
52	SQ FT	TEMPORARY INFORMATION SIGNING
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING

* 100% OF THE COST TO THE VILLAGE OF NILES



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	15	135	17	0.50	127.5
SIGNAL (YELLOW)	15	135	25	0.25	93.75
SIGNAL (GREEN)	15	135	15	0.25	56.25
ARROW	12	135	12	0.10	14.4
PED. SIGNAL	8	90	25	1.00	200.0
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 =					616.9

GHA GEWALT HAMILTON ASSOCIATES, INC.
850 Forest Edge Drive • Vernon Hills, IL 60061
Consulting Engineers & Surveyors
847-478-9100 FAX: 847-478-9701

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

ENERGY COSTS - BILLED TO: ILL DEPT. OF TRANSPORTATION
(ADDRESS) 201 W. CENTER COURT
(ADDRESS) SCHAUMBURG IL 60196-1096
ENERGY SUPPLY - CONTACT: CINDY ANTHONY
PHONE: (847) 816-5322
COMPANY: COM-ED

FILE NAME = 4085.879-TR1.dwg

USER NAME = ZACH WALLSTEN
DESIGNED - JRD
DRAWN - ZCW
CHECKED - KLB
DATE - 2/1/2012

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILL ROUTE 58 (GOLF ROAD) AT DEE ROAD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	2011-211-TS	COOK	26	14
CONTRACT #:			60R51	

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

GHA #4085.879

ILLINOIS FED. AID PROJECT