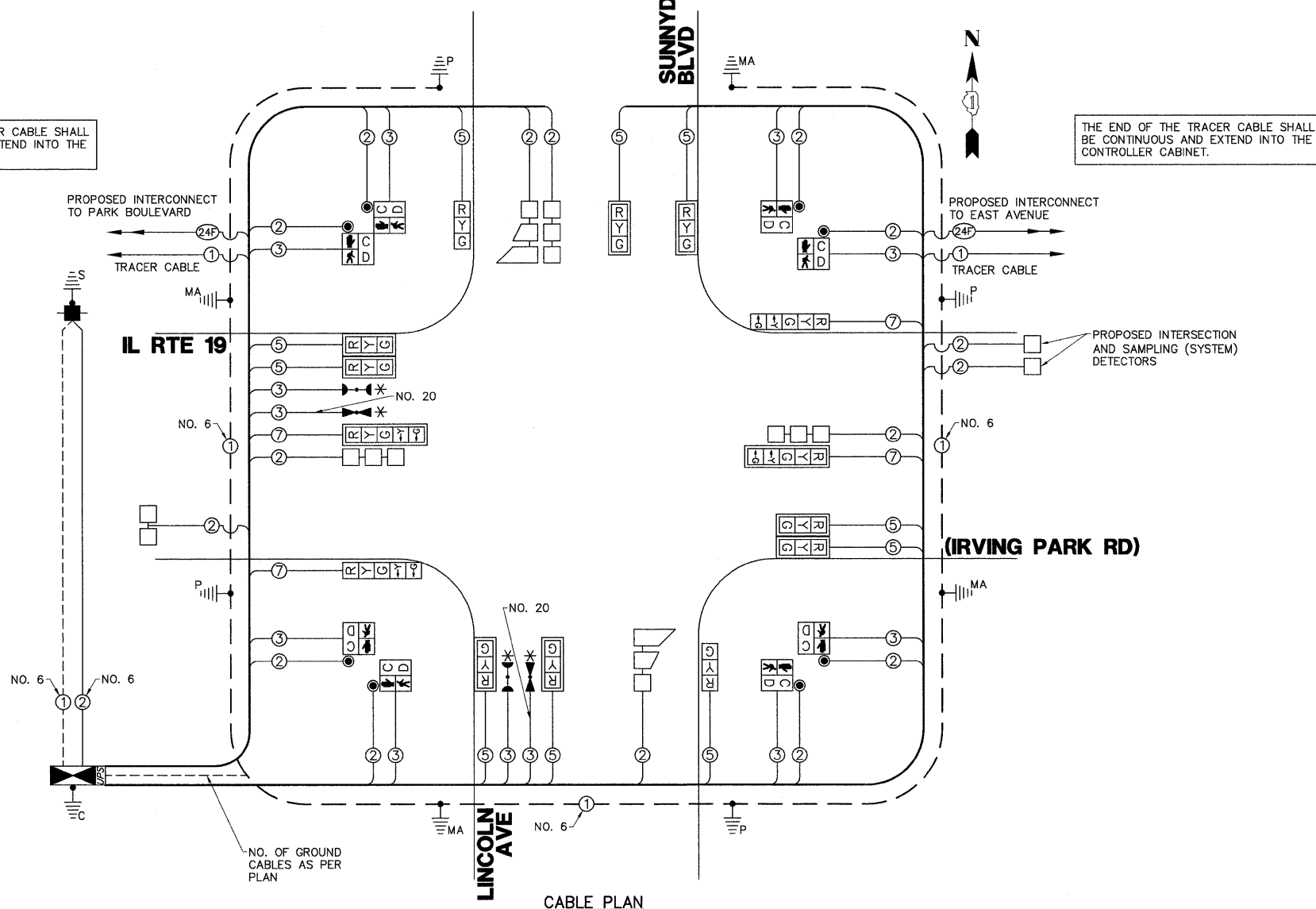


**SCHEDULE OF QUANTITIES**

IL ROUTE 19 (IRVING PARK ROAD) AT LINCOLN AVENUE/SUNNYDALE BOULEVARD

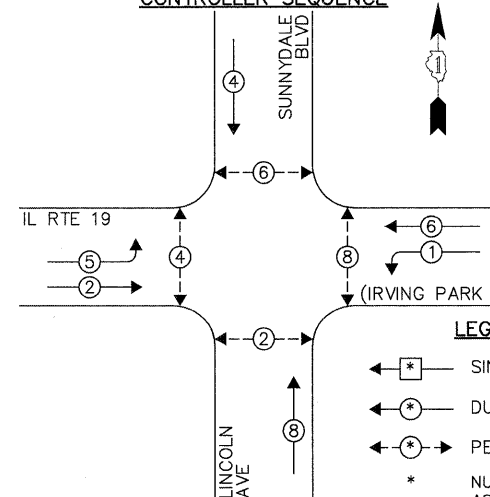
NO.	QUANT.	UNIT	DESCRIPTION
1.	6	CU YD	EARTH EXCAVATION
2.	10	SQ YD	SUB-BASE GRANULAR MATERIAL, TYPE B 4"
3.	10	TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
4.	5	GAL	BITUMINOUS MATERIALS (PRIME COAT)
5.	385	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
6.	104	SQ FT	DETECTABLE WARNINGS
7.	440	SQ FT	SIDEWALK REMOVAL
8.	210	FOOT	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
9.	90	SQ FT	MEDIAN REMOVAL
10.	10	SQ YD	CLASS D PATCHES, TYPE II, 12 INCH
11.	2.00	CAL MO	ENGINEER'S FIELD OFFICE, TYPE A
12.	0.30	L SUM	MOBILIZATION
13.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501
14.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606
15.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701
16.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801
17.	15.00	SQ FT	SIGN PANEL - TYPE 1
18.	55.00	SQ FT	SIGN PANEL - TYPE 2
19.	504	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 12"
20.	24	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
21.	600	SQ FT	THERMOPLASTIC PAVEMENT MARKING REMOVAL
22.	458	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
23.	35	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
24.	116	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
25.	25	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
26.	214	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
27.	327	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
28.	4	EACH	HANDHOLE
29.	2	EACH	HEAVY-DUTY HANDHOLE
30.	2	EACH	DOUBLE HANDHOLE
31.	581	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
32.	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
33.	1	EACH	TRANSCIVER - FIBER OPTIC
34.	1,110	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
35.	1,475	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
36.	1,793	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
37.	622	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
38.	1,864	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
39.	111	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
40.	2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
41.	2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
42.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.
43.	2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.
44.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
45.	16	FOOT	CONCRETE FOUNDATION, TYPE A
46.	4	FOOT	CONCRETE FOUNDATION, TYPE C
47.	44	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
48.	1	EACH	DRILL EXISTING HANDHOLE
49.	8	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
50.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
51.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
52.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
53.	6	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
54.	1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
55.	10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
57.	7	EACH	INDUCTIVE LOOP DETECTOR
58.	681	FOOT	DETECTOR LOOP, TYPE I
*59.	2	EACH	LIGHT DETECTOR
*60.	1	EACH	LIGHT DETECTOR AMPLIFIER
61.	8	EACH	PEDESTRIAN PUSH-BUTTON
62.	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
63.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
64.	7	EACH	REMOVE EXISTING HANDHOLE
65.	9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
*66.	4	EACH	PAINT NEW MAST ARM POLE, UNDER 40 FEET
*67.	4	EACH	PAINT NEW SIGNAL POST
68.	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
69.	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
70.	1	EACH	UNINTERRUPTIBLE POWER SUPPLY
71.	600	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
*72.	485	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
73.	435	SQ FT	BRICK PAVER REMOVAL AND REPLACEMENT

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.



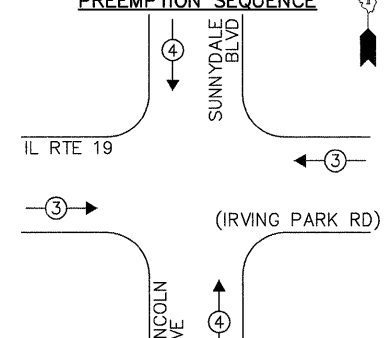
THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

**PROPOSED CONTROLLER SEQUENCE**



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

**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



PROPOSED EMERGENCY VEHICLE PREEMPTORS	
EMERGENCY VEHICLE PREEMPTOR	3 4
MOVEMENT	—

\* 100% OF COST TO THE VILLAGE OF STREAMWOOD

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

**Restoration of Work Area.** Restoration of the traffic signal work area shall be incidental to the related pay items such as foundation, conduit, handhole, trench and backfill, etc., and no extra compensation shall be allowed. All roadway surfaces such as shoulders, medians, sidewalks, pavement, etc. shall be replaced in kind. All damage to mowed lawns shall be replaced with an approved sod, and all damage to unmowed fields shall be seeded in accordance with Standard Specifications 252 and 250 respectively.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO.	LAMPS	INCAND.	LED	% OPERATION
SIGNAL (RED)	14	135	17	0.50	119.0
SIGNAL (YELLOW)	14	135	25	0.25	35.0
SIGNAL (GREEN)	14	135	15	0.25	84.0
ARROW	8	135	12	0.10	9.6
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 =					472.6

ENERGY COSTS - BILLED TO: IDOT - DISTRICT 1  
 (ADDRESS) 201 W. CENTER COURT  
 (ADDRESS) SCHAUMBURG, IL 60196-1096  
 ENERGY SUPPLY - CONTACT: -  
 PHONE: -  
 COMPANY: COM-ED

FILE NAME = 4085.862-866-CABLE.dwg	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -
PLOT SCALE = 1" = .0833'	CHECKED - KLB	DRAWN - ZCW	REVISED -
PLOT DATE = 10/12/2010	DATE - 10/12/2010		REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE**  
 IL RTE 19 (IRVING PARK RD) AT LINCOLN AVE/SUNNYDALE BLVD

FAP RTE. VARIES	SECTION 2010-005TS	COUNTY COOK	TOTAL SHEETS 32	SHEET NO. 20
CONTRACT #: 60K23			ILLINOIS FED. AID PROJECT	

GHA #4085.864