

SCHEDULE OF QUANTITIES

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

NO.	QUANT.	UNIT	DESCRIPTION
1.	6	CU YD	EARTH EXCAVATION
2.	12	SQ YD	SUB-BASE GRANULAR MATERIAL, TYPE B 4"
3.	255	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
4.	96	SQ FT	DETECTABLE WARNINGS
5.	400	SQ FT	SIDEWALK REMOVAL
6.	120	FOOT	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
7.	2.00	CAL MO	ENGINEER'S FIELD OFFICE, TYPE A
8.	0.30	L SUM	MOBILIZATION
9.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501
10.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606
11.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701
12.	0.30	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801
13.	15.00	SQ FT	SIGN PANEL - TYPE 1
14.	30.00	SQ FT	SIGN PANEL - TYPE 2
15.	645	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 6"
16.	575	SQ FT	THERMOPLASTIC PAVEMENT MARKING REMOVAL
17.	280	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
18.	41	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
19.	82	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
20.	25	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
21.	420	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
22.	415	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
23.	5	EACH	HANDHOLE
24.	3	EACH	HEAVY-DUTY HANDHOLE
25.	2	EACH	DOUBLE HANDHOLE
26.	441	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
27.	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
28.	1	EACH	TRANSCEIVER - FIBER OPTIC
29.	1,273	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
30.	1,669	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
31.	1,598	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
32.	1,525	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
33.	1,990	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
34.	161	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
35.	4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
36.	2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.
37.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
38.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
39.	16	FOOT	CONCRETE FOUNDATION, TYPE A
40.	4	FOOT	CONCRETE FOUNDATION, TYPE C
41.	46	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
42.	8	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
43.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
44.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
45.	8	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
46.	12	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
47.	11	EACH	INDUCTIVE LOOP DETECTOR
48.	964	FOOT	DETECTOR LOOP, TYPE I
*49.	2	EACH	LIGHT DETECTOR
*50.	1	EACH	LIGHT DETECTOR AMPLIFIER
51.	8	EACH	PEDESTRIAN PUSH-BUTTON
52.	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
53.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
54.	11	EACH	REMOVE EXISTING HANDHOLE
55.	9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
*56.	3	EACH	PAINT NEW MAST ARM POLE, UNDER 40 FEET
*57.	4	EACH	PAINT NEW SIGNAL POST
*58.	1	EACH	PAINT NEW MAST ARM POLE, 40 FEET AND OVER
59.	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
60.	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
61.	1	EACH	UNINTERRUPTIBLE POWER SUPPLY
62.	669	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
*63.	324	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
64.	860	SQ FT	BRICK PAVER REMOVAL AND REPLACEMENT

* 100% OF COST TO THE VILLAGE OF STREAMWOOD

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO.	LAMPS	INCAND.	L.E.D. % OPERATION	
SIGNAL (RED)	16	135	17	0.50	136.0
SIGNAL (YELLOW)	16	135	25	0.25	40.0
SIGNAL (GREEN)	16	135	15	0.25	96.0
ARROW	16	135	12	0.10	19.2
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 =					616.2

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.

