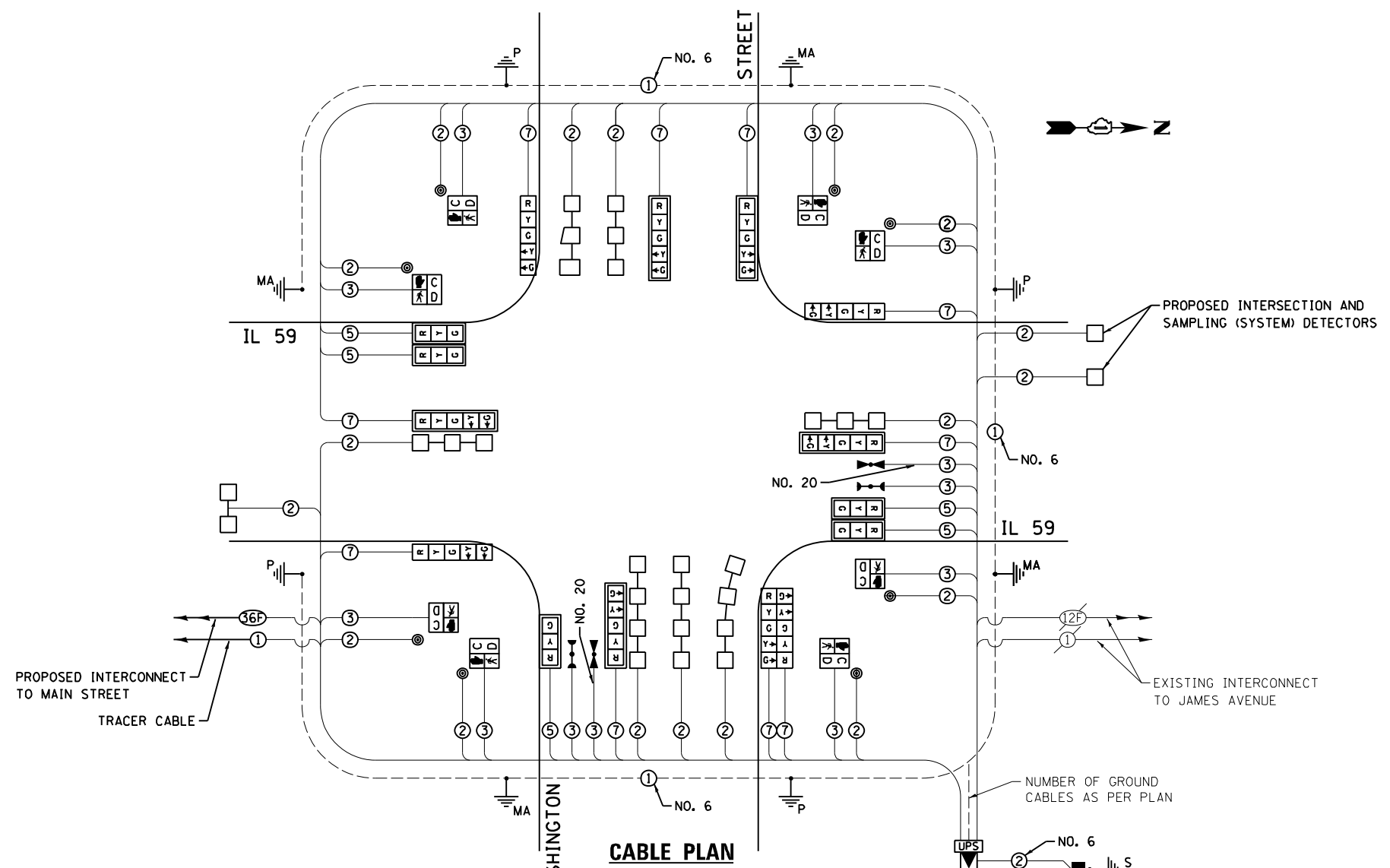
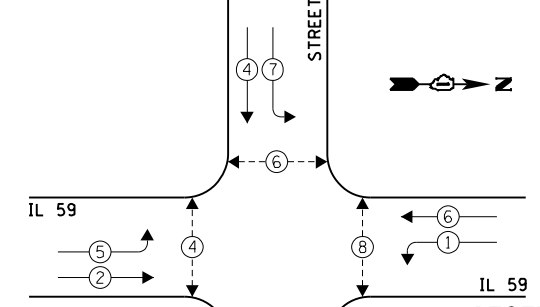


SCHEDULE OF QUANTITIES
IL 59 AT WASHINGTON STREET

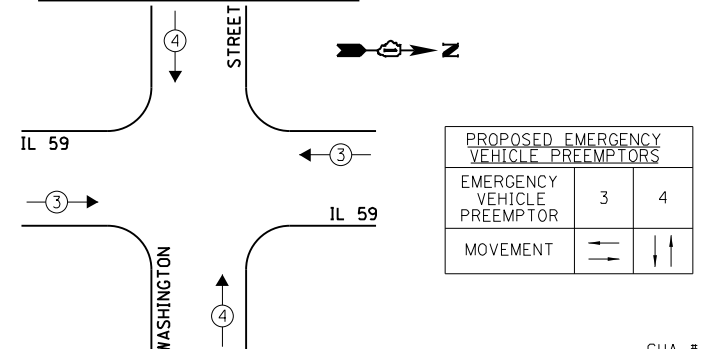
NO.	QUANT.	UNIT	DESCRIPTION
1.	5	CU YD	EARTH EXCAVATION
2.	1,060	SO FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
3.	96	SO FT	DETECTABLE WARNINGS
4.	145	FOOT	COMBINATION CURB AND GUTTER REMOVAL
5.	955	SO FT	SIDEWALK REMOVAL
6.	1	EACH	FRAMES AND LIDS TO BE ADJUSTED
7.	1	CAL MO	ENGINEER'S FIELD OFFICE, TYPE A
8.	0.40	L SUM	MOBILIZATION
9.	0.50	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501
10.	0.40	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606
11.	0.40	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701
12.	0.40	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801
13.	21	SO FT	SIGN PANEL - TYPE 1
14.	70	SO FT	SIGN PANEL - TYPE 2
15.	640	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 6"
16.	20	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 8"
17.	10	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 12"
18.	144	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
19.	466	SO FT	PAVEMENT MARKING REMOVAL
20.	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
21.	433	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
22.	58	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
23.	77	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
24.	494	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
25.	4	EACH	HANDHOLE
26.	4	EACH	HEAVY-DUTY HANDHOLE
27.	2	EACH	DOUBLE HANDHOLE
28.	1	EACH	TRANSCEIVER - FIBER OPTIC
29.	1,396	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
30.	1,809	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
31.	1,113	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
32.	1,952	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
33.	2,256	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
34.	26	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
35.	562	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
36.	4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
37.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.
38.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.
39.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.
40.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.
41.	16	FOOT	CONCRETE FOUNDATION, TYPE A
42.	4	FOOT	CONCRETE FOUNDATION, TYPE C
43.	52	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
44.	5	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
45.	3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
46.	5	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
47.	1	EACH	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
48.	8	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
49.	10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
50.	10	EACH	INDUCTIVE LOOP DETECTOR
51.	1,002	FOOT	DETECTOR LOOP, TYPE I
* 52.	2	EACH	LIGHT DETECTOR
* 53.	1	EACH	LIGHT DETECTOR AMPLIFIER
54.	8	EACH	PEDESTRIAN PUSH-BUTTON
55.	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
56.	250	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
57.	510	FOOT	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
58.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
59.	8	EACH	REMOVE EXISTING HANDHOLE
60.	9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
* 61.	311	FOOT	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C
62.	525	FOOT	ROD AND CLEAN EXISTING CONDUIT
63.	1	EACH	FULL-ACTUATED CONTROLLER AND SUPER P CABINET, TYPE IV, SPECIAL
64.	1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
65.	77.10	SO FT	TEMPORARY INFORMATION SIGNING
66.	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING



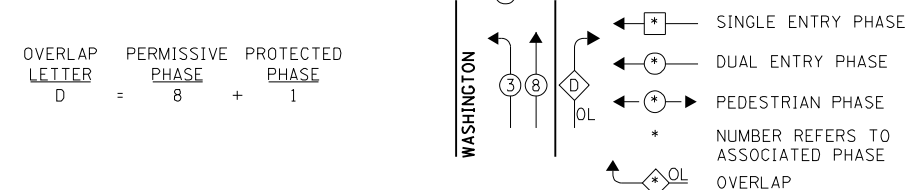
PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:



PROPOSED PHASE DESIGNATION DIAGRAM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	L.E.D.	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	20	135	12	0.10	24.0
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 =					626.5

* 100% OF THE COST SHALL BE PAID FOR BY CITY OF WEST CHICAGO

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

ENERGY COSTS - BILLED TO: CITY OF WEST CHICAGO
(ADDRESS) 475 MAIN STREET
(ADDRESS) WEST CHICAGO, IL 60186
ENERGY SUPPLY - CONTACT: NEW BUSINESS
PHONE: (866) 639-3552
COMPANY: COM-ED LIBERTYVILLE

FILE NAME = 60V59-TS22.dgn	USER NAME = jwouife	DESIGNED - JRD	REVISED -
#MODELNAME#	PLOT SCALE = 1:20	DRAWN - JPW	REVISED -
	PLOT DATE = 3/21/2013	CHECKED - KLB	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL 59 AT WASHINGTON STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 338	SECTION 2012-056T5	COUNTY DuPAGE	TOTAL SHEETS 32	SHEET NO. 22
CONTRACT NO. 60V59			ILLINOIS FED. AID PROJECT	

GH #4085.884