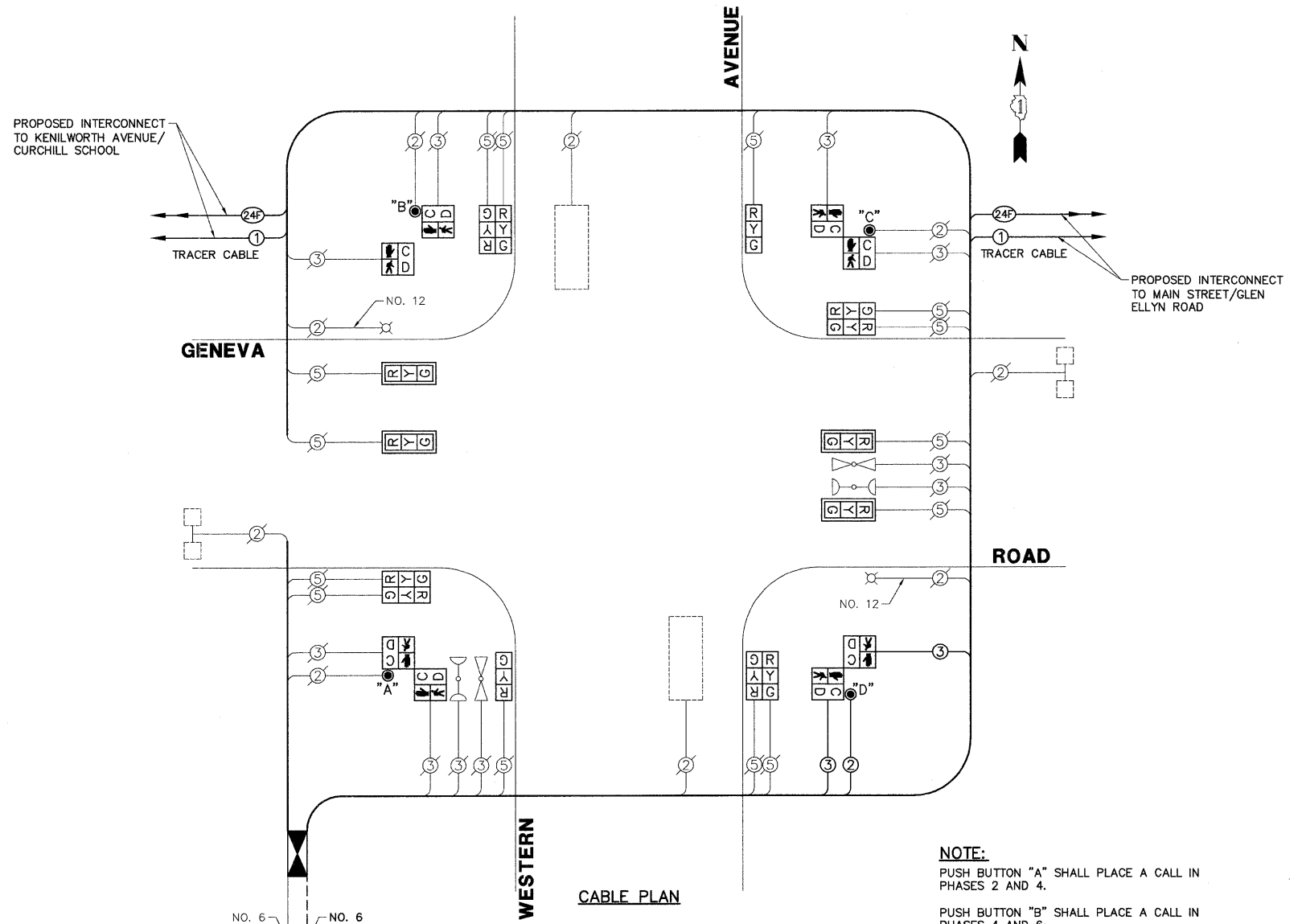


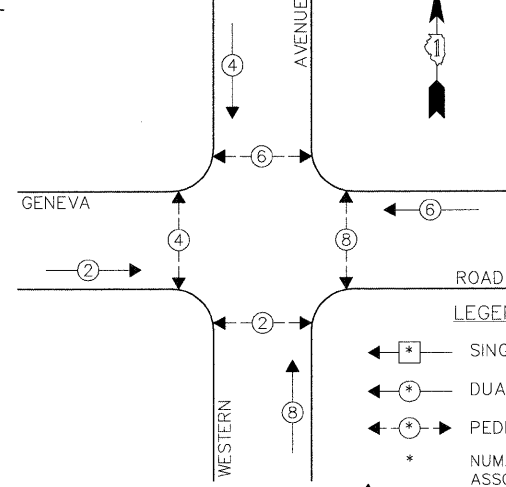
SCHEDULE OF QUANTITIES
GENEVA ROAD AT WESTERN AVENUE

NO.	QUANT.	UNIT	DESCRIPTION
1.	12	CU YD	EARTH EXCAVATION
2.	960	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
3.	112	SQ FT	DETECTABLE WARNINGS
4.	645	SQ FT	SIDEWALK REMOVAL
5.	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
6.	5	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
7.	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
8.	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
9.	1	EACH	TRANSCIVER - FIBER OPTIC
10.	109	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
11.	236	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
12.	19	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
13.	1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
14.	4	FOOT	CONCRETE FOUNDATION, TYPE A
15.	1	EACH	DRILL EXISTING HANDHOLE
16.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
17.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
18.	4	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
19.	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
20.	3	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
21.	4	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
22.	4	EACH	INDUCTIVE LOOP DETECTOR
23.	4	EACH	PEDESTRIAN PUSH-BUTTON
24.	1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
25.	393	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
26.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
27.	1	EACH	REMOVE EXISTING SERVICE INSTALLATION

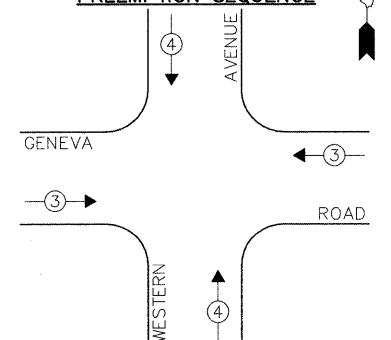


NOTE:
 PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.
 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.
 PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8.
 PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 8 AND 2.

EXISTING AND PROPOSED CONTROLLER SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	
MOVEMENT	←	→	↑

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	L.E.D.	% OPERATION	
SIGNAL (RED)	14	135	17	0.50	119.0
SIGNAL (YELLOW)	14	135	25	0.25	87.5
SIGNAL (GREEN)	14	135	15	0.25	52.5
ARROW	-	135	12	0.10	-
PED. SIGNAL	8	90	25	1.00	200.0
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	2	-	250	0.50	250.0
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 =					809.0

ENERGY COSTS - BILLED TO: VILLAGE OF GLEN ELLYN
 (ADDRESS) 20 S. LAMBERT ROAD
 (ADDRESS) GLEN ELLYN, IL 60137
 ENERGY SUPPLY - CONTACT: MS. DEB RANKIN
 PHONE: (630) 691-4379
 COMPANY: COM-ED

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

FILE NAME = 4281.800-TR1.dwg	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -
PLOT SCALE = 1" = .0833'	CHECKED - KLB	DRAWN - ZCW	REVISED -
PLOT DATE = 12/16/2011	DATE - 12/16/2011		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
GENEVA ROAD AT WESTERN AVENUE

FAU. RTE. 1397	SECTION 09-00206-08-TL	COUNTY DuPAGE	TOTAL SHEETS 53	SHEET NO. 20
CONTRACT # 63625			GHA #4281.800	
ILLINOIS FED. AID PROJECT				