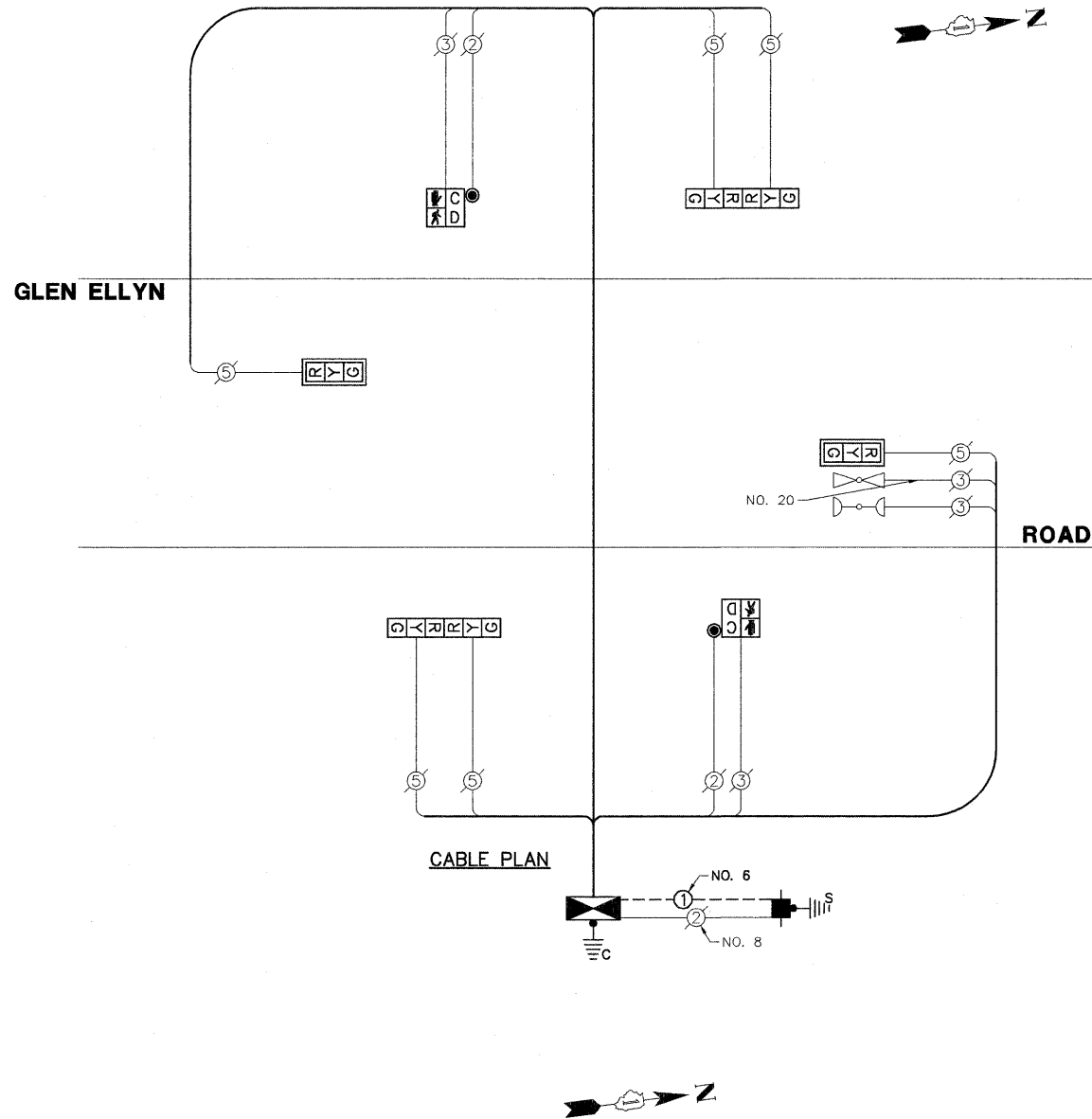


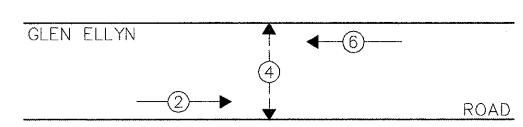
SCHEDULE OF QUANTITIES
GLEN ELLYN ROAD AT MID-BLOCK CROSSING

NO.	QUANT.	UNIT
1.	1	EACH SERVICE INSTALLATION - POLE MOUNTED
2.	1	EACH MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
3.	1	EACH FULL-ACTUATED CONTROLLER AND TYPE II CABINET
4.	1	EACH TRANSCEIVER - FIBER OPTIC
5.	41	FOOT ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
6.	2	EACH TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
7.	2	EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
8.	2	EACH SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
9.	2	EACH PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10.	2	EACH TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
11.	2	EACH PEDESTRIAN PUSH-BUTTON
12.	1	EACH REMOVE EXISTING SERVICE INSTALLATION
13.	1	EACH RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
14.	1	EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

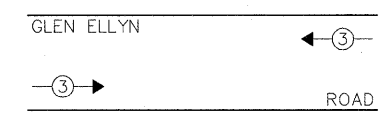


CABLE PLAN

EXISTING CONTROLLER SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ◀ * → SINGLE ENTRY PHASE
- ◀ * → DUAL ENTRY PHASE
- ◀ * → PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE
- OL OVERLAP

EXISTING EMERGENCY VEHICLE PREEMPTORS	
EMERGENCY VEHICLE PREEMPTOR	3
MOVEMENT	→

EXISTING PHASE DESIGNATION DIAGRAM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	6	135	17	0.50	51.0
SIGNAL (YELLOW)	6	135	25	0.25	37.5
SIGNAL (GREEN)	6	135	15	0.25	22.5
ARROW	-	135	12	0.10	-
PED. SIGNAL	2	90	25	1.00	50
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	-	-	25	1.00	-
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =					261.0

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: CQM-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		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
GLEN ELLYN ROAD AT MID-BLOCK CROSSING

FAU. RTE. 2581	SECTION 09-00206-08-TL	COUNTY DuPAGE	TOTAL SHEETS 53	SHEET NO. 31
CONTRACT # 63625			ILLINOIS FED. AID PROJECT	

GHA #4281.800