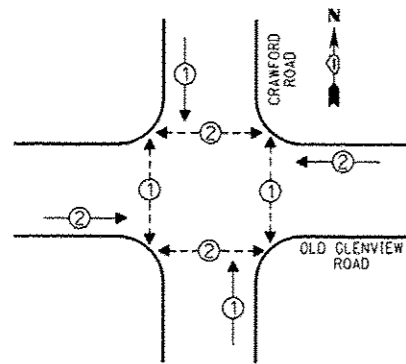
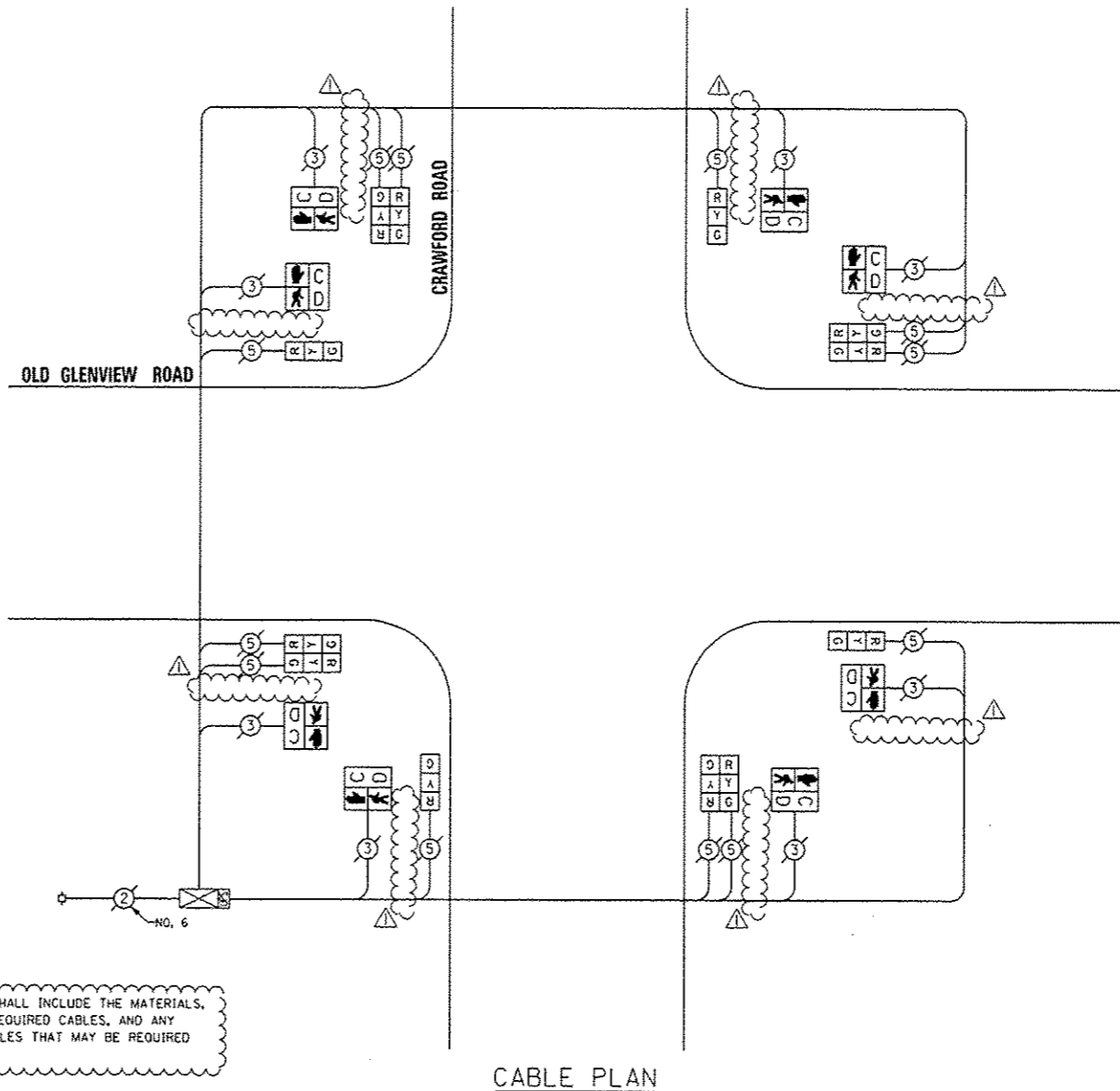


CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

- LEGEND**
- ◻ SINGLE ENTRY PHASE
 - ◉ DUAL ENTRY PHASE
 - ◌ OVERLAP
 - ◉ PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE



CABLE PLAN

THE COST OF PEDESTRIAN PUSHBUTTONS SHALL INCLUDE THE MATERIALS, INSTALLATION, AND CONNECTION OF ALL REQUIRED CABLES, AND ANY MODIFICATIONS TO EXISTING POSTS OR POLES THAT MAY BE REQUIRED TO PROPERLY MOUNT THE PUSHBUTTONS.

REPLACE ALL EXISTING TRAFFIC SIGNAL HEADS

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE".

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		
SIGNAL (RED)	12	17	0.50	102.00
(YELLOW)	12	25	0.25	75.00
(GREEN)	12	15	0.25	45.00
ARROW		12	0.10	
PED. SIGNAL	8	25	1.00	200.00
CONTROLLER	1	100	1.00	100.00
ILLUM. SIGN LUMINAIRE		25	0.65	
VIDEO SYSTEM		250	0.50	
		150	1.00	
FLASHER			0.50	
ENERGY COSTS TO:			TOTAL =	522.00

CITY OF EVANSTON
2100 RIDGE AVENUE
EVANSTON, ILLINOIS 60201

ENERGY SUPPLY - CONTACT: TERRI BLECK
PHONE: (847) 816-5239
COMPANY: CoreD

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

QUAN.	UNIT	DESCRIPTION
4	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
4	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION
8	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE

SCHEDULE OF QUANTITIES

QUAN.	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
8	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

SAM SCHWARTZ ENGINEERING
3100 W. HEGGINS, STE. 100, HOFFMAN ESTATES, IL 60169

DESIGNED - JAM	REVISED - 01-28-14
DRAWN - JAM	REVISED -
CHECKED - LMM	REVISED -
DATE - 12-13-13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE, CRAWFORD ROAD AT OLD GLENVIEW ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2013-053TS	COOK	88	26
CONTRACT NO. 60X28			ILLINOIS FED. AID PROJECT	