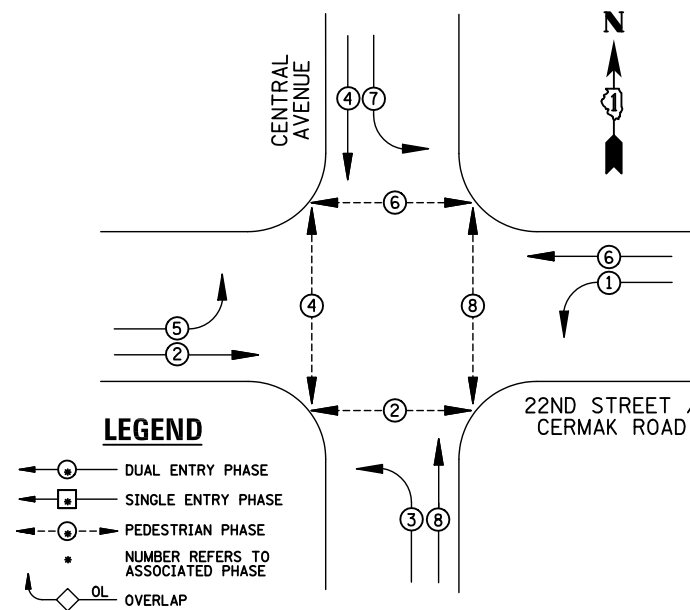
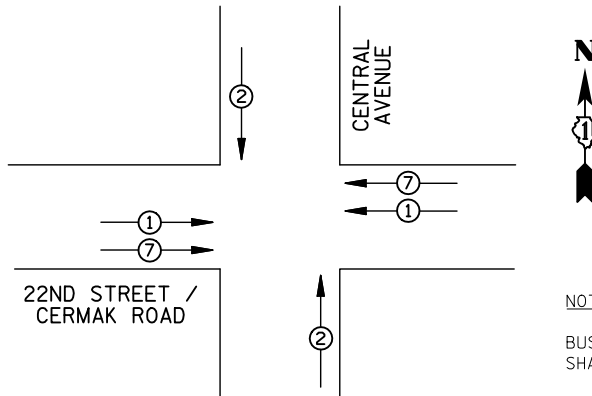


EXISTING CONTROLLER SEQUENCE



EXISTING PHASE DESIGNATION DIAGRAM



PREEMPTORS			
PREEMPTOR	1	2	7
MOVEMENT	←→	↑↓	←→

EXISTING EMERGENCY VEHICLE AND BUS PREEMPTION SEQUENCE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND. LED	%OPERATION		
SIGNAL (RED)	14	135 17	0.50	119	
(YELLOW)	14	135 25	0.25	87.5	
(GREEN)	14	135 15	0.25	52.5	
ARROW	16	135 12	0.10	19.2	
PED. SIGNAL	8	90 25	1.00	200	
CONTROLLER	1	100 100	1.00	100	
ILLUM. SIGN		84 100	0.50		
FLASHER		135 25	0.50		
ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096				TOTAL =	578.2
ENERGY SUPPLY	CONTACT: X				
	PHONE: X				
	COMPANY: X				

REMOVAL OF 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.

- 2 EACH TRAFFIC SIGNAL POST
- 6 EACH SIGNAL HEAD, 3-SECTION
- 8 EACH SIGNAL HEAD, 5-SECTION
- 4 EACH TRAFFIC SIGNAL BACKPLATE
- 8 EACH PEDESTRIAN PUSH-BUTTON

NOTE:

BUS PREEMPTION IS LOW PRIORITY AND SHALL CALL NORMAL PHASE 2 AND 6.

DUE TO CONTROLLER CONFIGURATION AND SOFTWARE LIMITATIONS, EVP AND BUS SEQUENCES ARE NON-CONVENTIONAL.

SCHEDULE OF QUANTITIES

ITEM

- MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
- TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
- SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
- SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
- SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
- TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
- PEDESTRIAN PUSH-BUTTON
- MODIFY EXISTING CONTROLLER CABINET
- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
- UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

UNIT QUANTITY

- EACH 1
- EACH 2
- EACH 2
- EACH 4
- EACH 4
- EACH 4
- EACH 8
- EACH 1
- EACH 1
- EACH 1

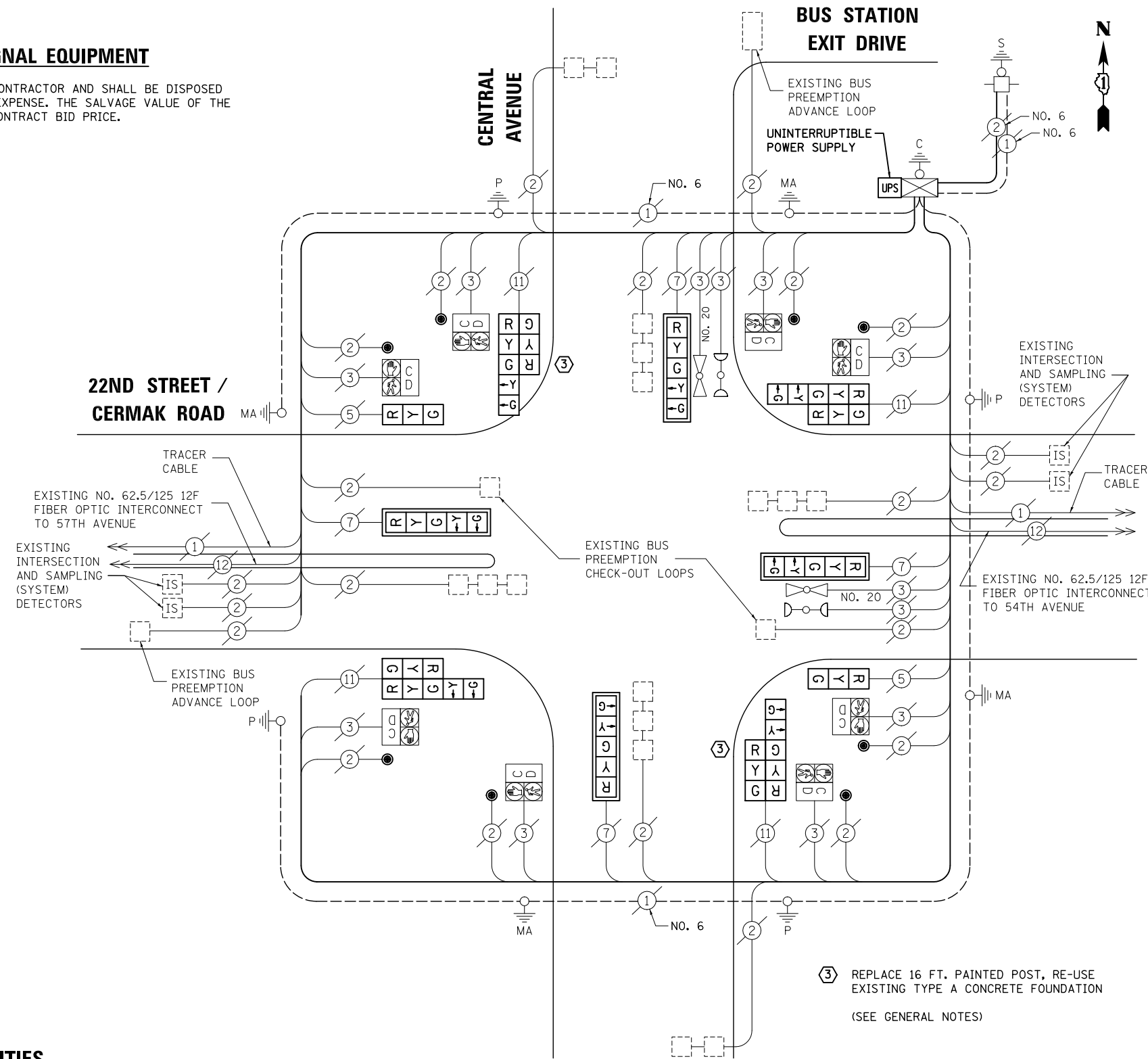
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DESIGNED - BPT	REVISED -
DRAWN - JGC/RDS	REVISED -
CHECKED - BPT	REVISED -
DATE - 12-04-13	REVISED -

**SCHEDULE OF QUANTITIES, CABLE PLAN,
PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION
22ND STREET / CERMAK ROAD AT CENTRAL AVENUE**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

**BUS STATION
EXIT DRIVE**



CABLE PLAN

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

③ REPLACE 16 FT. PAINTED POST, RE-USE EXISTING TYPE A CONCRETE FOUNDATION (SEE GENERAL NOTES)

TS# 4790
CICERO

PREPARED BY:
CEMCON, Ltd.
Consulting Engineers, Land Surveyors & Planners
2280 White Oak Circle, Suite 100
Aurora, Illinois 60504-9675
Ph: 630.862.2100 Fax: 630.862.2199
E-Mail: cadd@cemcon.com Website: www.cemcon.com

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-054TS	COOK	92	65
			CONTRACT NO. 60X29	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		