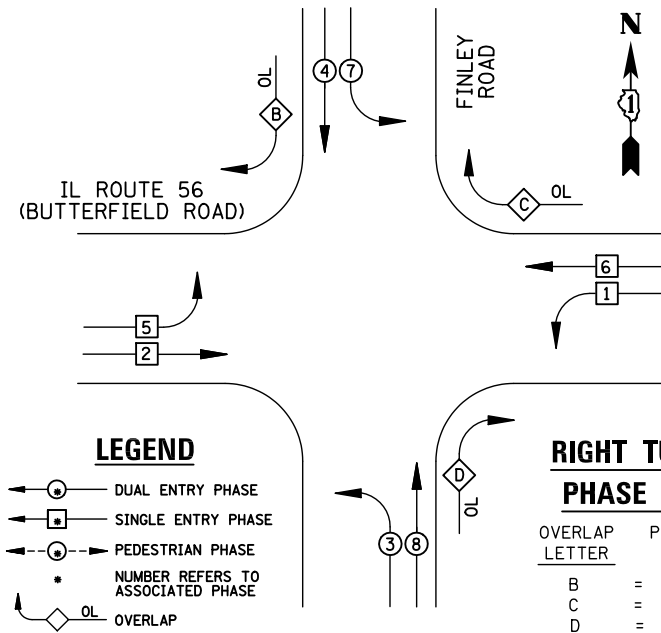
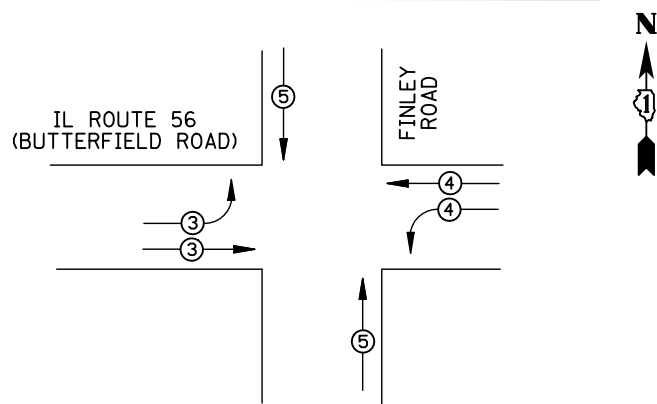


**EXISTING AND PROPOSED CONTROLLER SEQUENCE**



**EXISTING AND PROPOSED PHASE DESIGNATION DIAGRAM**



EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			

**EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**

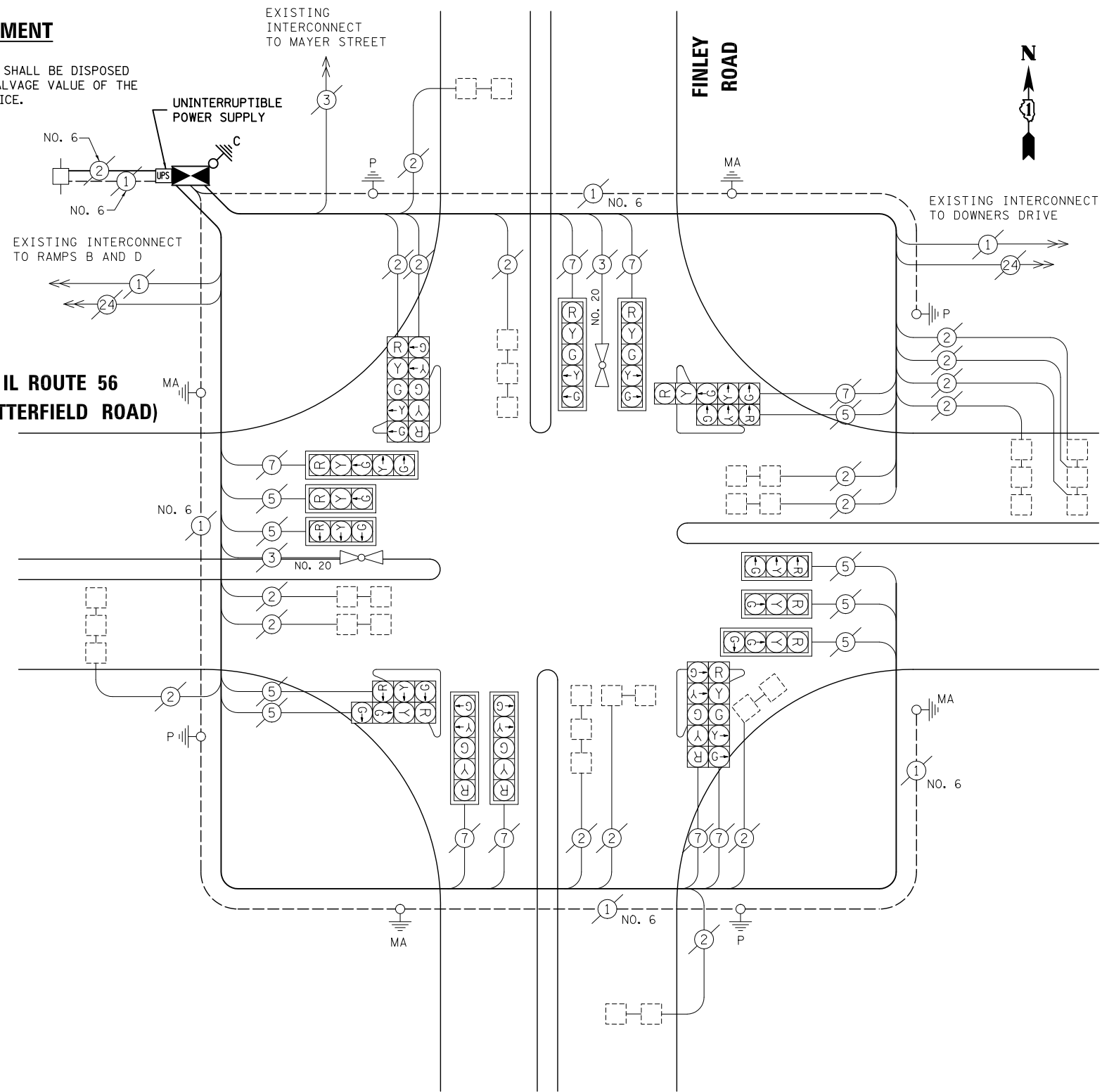
I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS						TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		%OPERATION		
		INCAND.	LED			
SIGNAL (RED)	18	135	17	0.50	153	
(YELLOW)	18	135	25	0.25	112.5	
(GREEN)	20	135	15	0.25	75	
ARROW	20	135	12	0.10	24	
PED. SIGNAL		90	25	1.00	100	
CONTROLLER	1	100	100	1.00		
ILLUM. SIGN		84		0.05		
FLASHER		135	25	0.50		
ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096					TOTAL =	464.5
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.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)

**IL ROUTE 56 (BUTTERFIELD ROAD)**



**CABLE PLAN**

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

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	15
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, SPECIAL	EACH	1

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN,  
PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION  
IL ROUTE 56 (BUTTERFIELD ROAD) AT FINLEY ROAD

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

PREPARED BY:  
**CEMCON, Ltd.**  
Consulting Engineers, Land Surveyors & Planners  
2280 White Oak Circle, Suite 100  
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-084TS	DU PAGE	89	19

CONTRACT NO. 60W02  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

TS# 6275  
DOWNERS GROVE