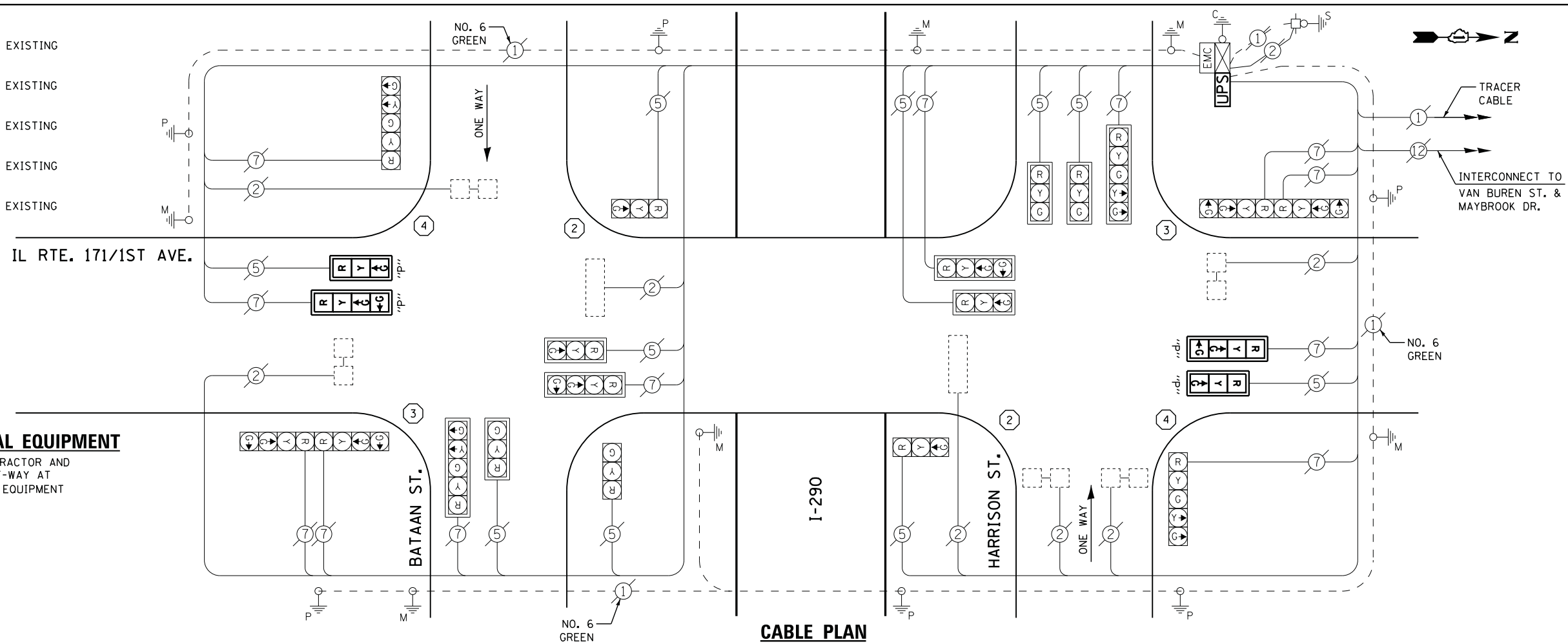




- ① REPLACE 10 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- ② REPLACE 14 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- ③ REPLACE 15 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- ④ REPLACE 16 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- ⑤ REPLACE 18 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.



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.

- 6 EACH SIGNAL POST
- 2 EACH OP SIGNAL HEAD, 3 - SECTION
- 2 EACH OP SIGNAL HEAD, 4 - SECTION
- 4 EACH TRAFFIC SIGNAL BACKPLATE

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
2	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
4	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
8	EACH	RELOCATE EXISTING SIGNAL HEAD
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
3	EACH	REMOVE AND REPLACE ANCHOR BOLTS
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL

**I. D. O. T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	22	135	17	0.50	187
(YELLOW)	22	135	25	0.25	138
(GREEN)	30	135	15	0.25	113
ARROW	8	135	12	0.10	10
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	-	1.00	
TOTAL =					548

ENERGY COSTS- BILLED TO: IDOT DISTRICT 1
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY - CONTACT JOE STACHO
PHONE 630-424-5704
COMMONWEALTH EDISON

CABLE PLAN

PROPOSED SEQUENCE OF OPERATIONS

MOVEMENT	PHASE																								FLASH			
	1	2A	2B	2C	2D	3A	3B	4	5A	5B	5C	5D	6A	6B	7	8A	8B	8C	8D	9A	9B	10	11A	11B		12A	12B	12C
1ST AVE N/B AT BATAAN E/B NEAR RIGHT AND MID MOUNT MAST ARM SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1ST AVE N/B AT BATAAN E/B FAR LEFT AND END MOUNT MAST ARM SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1ST AVE N/B AT HARRISON ST W/B MID MOUNT MAST ARM SIGNAL	G	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1ST AVE N/B AT HARRISON ST W/B FAR LEFT AND END MOUNT MAST ARM SIGNALS	G	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1ST AVE S/B AT HARRISON ST W/B NEAR RIGHT AND MID MOUNT MAST ARM SIGNALS	R	R	R	R	R	R	R	R	Y	R	R	R	Y	F	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1ST AVE S/B AT HARRISON ST W/B FAR LEFT AND END MOUNT MAST ARM SIGNALS	R	R	R	R	R	R	R	R	Y	R	R	R	Y	F	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1ST AVE S/B AT BATAAN E/B MID MOUNT MAST ARM SIGNAL	R	R	R	R	R	R	R	R	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1ST AVE S/B AT BATAAN E/B FAR LEFT AND END MOUNT MAST ARM SIGNALS	R	R	R	R	R	R	R	R	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R
BATAAN E/B NEAR RIGHT AND MID MOUNT MAST ARM SIGNALS	G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
BATAAN E/B FAR LEFT AND END MOUNT MAST ARM SIGNAL	G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
HARRISON W/B NEAR RIGHT AND INSIDE MOUNT MAST ARM SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	Y	R	R	R	R	R	R	R
HARRISON W/B MID MOUNT AND END MOUNT MAST ARM SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	Y	R	R	R	R	R	R	R	R

NOTE: WHERE DOUBLE CLEARANCE INTERVALS ARE REQUIRED THE CLEARANCE REQUIRES 4 ADJUSTABLE TIME INTERVALS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 171 /1ST AVENUE AT I-290 EISENHOWER EXPRESSWAY/HARRISON STREET
SCHEDULE OF QUANTITIES, CABLE PLAN, AND PHASE DESIGNATION DIAGRAM

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-043TS	COOK	61	61
ILLINOIS			CONTRACT NO. 60Y41	

TS #100
MAYBROOK

FILE NAME = M:\p\2014\1481\2103 PTB 168-011 SINGH IDOT VAR-VAR\DOT VAR-VAR\DOT VAR-VAR\Design\CAD\Sheet Files\100_CAB_CDDK.dgn