



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

TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	44	-	17	0.50	374.0
(YELLOW)	44	-	25	0.25	275.0
(GREEN)	44	-	15	0.25	165.0
ARROW	32	-	12	0.10	38.4
PED. SIGNAL	24	-	25	1.00	600.0
CONTROLLER	1	100	-	1.00	100.0
ILLUM. SIGN	-	-	-	0.50	-
VIDEO SYSTEM	-	-	-	1.00	-
BATTERY BACKUP	1	25	-	1.00	25.0
LUMINAIRE	-	-	-	0.50	-
FLASHER	-	-	-	0.50	-
TOTAL =					1577.4

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

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

ENERGY SUPPLY-  
CONTACT: TERRI BLECK  
PHONE: 847-816-5239  
COMMONWEALTH EDISON

SCHEDULE OF QUANTITIES

ITEMS	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	8
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	6
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	4
RELOCATE EXISTING SIGNAL HEAD	EACH	23
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	21
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN PUSH-BUTTON, NON-LATCHING	EACH	20

CONSTRUCTION NOTES

- 1 THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC SIGNAL POST WITH THE PROPOSED TRAFFIC SIGNAL POST, 14 FT. AND ATTACH THE PROPOSED POST TO THE EXISTING FOUNDATION.
- 3 THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC SIGNAL POST WITH THE PROPOSED TRAFFIC SIGNAL POST, 16 FT. AND ATTACH THE PROPOSED POST TO THE EXISTING FOUNDATION.
- 4 THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC SIGNAL POST WITH THE PROPOSED TRAFFIC SIGNAL POST, 18 FT. AND ATTACH THE PROPOSED POST TO THE EXISTING FOUNDATION.
- 5 THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC SIGNAL POST WITH THE PROPOSED TRAFFIC SIGNAL POST, 10 FT. AND ATTACH THE PROPOSED POST TO THE EXISTING FOUNDATION.

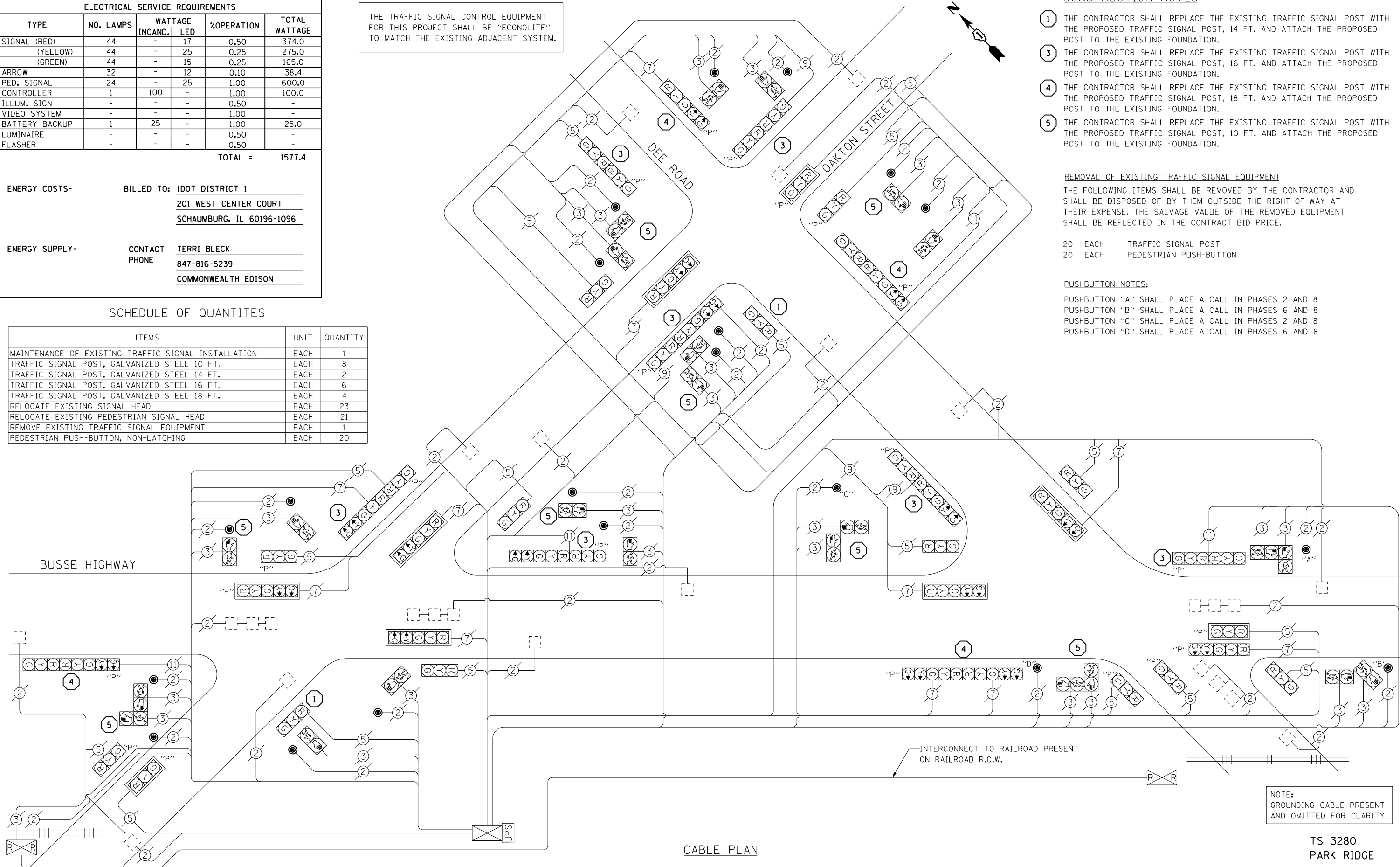
REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

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.

- 20 EACH TRAFFIC SIGNAL POST
- 20 EACH PEDESTRIAN PUSH-BUTTON

PUSHBUTTON NOTES:

- PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 8
- PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 6 AND 8
- PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 2 AND 8
- PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 6 AND 8



INTERCONNECT TO RAILROAD PRESENT ON RAILROAD R.O.W.

NOTE: GROUNDING CABLE PRESENT AND OMITTED FOR CLARITY.

CABLE PLAN

TS 3280  
PARK RIDGE

FILE NAME = D160XB2-sht-TS3280.dgn

USER NAME = SJohnson  
PLOT SCALE = 48.0000' / in.  
PLOT DATE = 3/21/2014

DESIGNED - PHL  
DRAWN - PHL  
CHECKED - BKS  
DATE - 03/09/2014

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUSSE HIGHWAY AT OAKTON STREET, DEE ROAD  
DEE ROAD AT OAKTON STREET  
CABLE PLAN AND SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-007TS	COOK	88	70
CONTRACT NO. 60X82				
ILLINOIS FED. AID PROJECT				