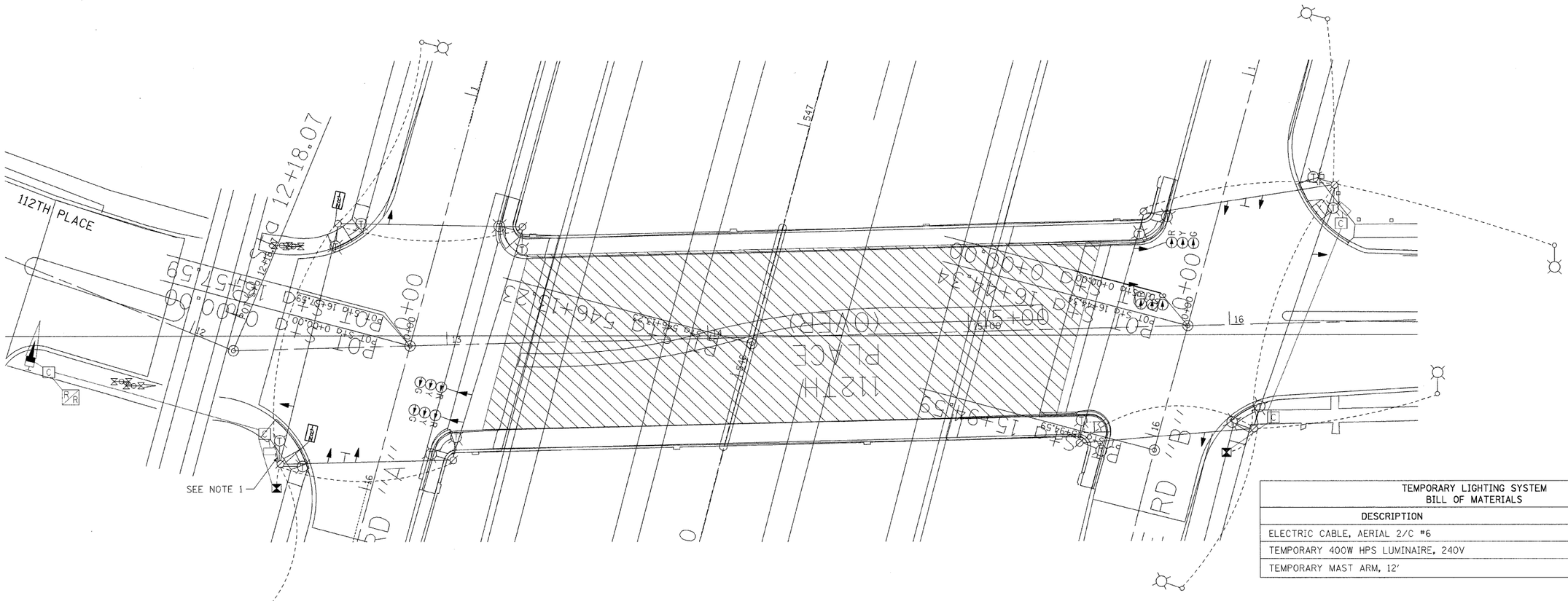
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1920.1B-R	COOK	101	038
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

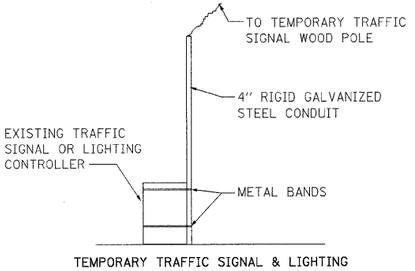
CONTRACT NO. 62533



TEMPORARY LIGHTING SYSTEM
BILL OF MATERIALS

DESCRIPTION	UNITS	QUANTITY
ELECTRIC CABLE, AERIAL 2/C #6	FOOT	600
TEMPORARY 400W HPS LUMINAIRE, 240V	EACH	16
TEMPORARY MAST ARM, 12'	EACH	16

TEMPORARY TRAFFIC SIGNAL & LIGHTING LEGEND



TEMPORARY TRAFFIC SIGNAL & LIGHTING CONNECTION TO EXISTING CONTROLLER

- PROPOSED TRAFFIC SIGNAL HEAD WITH SPAN WIRE, LOCATION VARIES
- EXISTING ComEd SERVICE
- WOOD POLE (CLASS 5 OR BETTER), 50 ft. MINIMUM
- EXISTING LIGHTING CONTROLLER
- EXISTING LIGHT POLE TO REMAIN
- TEMPORARY MAST ARM AND LUMINAIRE
- TEMPORARY LIGHTING AERIAL CABLE
- TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
- FIBER OPTIC SIGN, "NO RIGHT TURN"
- "NO LEFT TURN" (R3-2)
- WORK AREA

NOTES:

1. THE CONTRACTOR SHALL CONNECT TEMPORARY TRAFFIC SIGNALS TO THE EXISTING TRAFFIC SIGNAL CONTROLLER AS SHOWN ON THE DETAIL , "TEMPORARY TRAFFIC SIGNAL CONNECTION TO EXISTING CONTROLLER." THE CONTRACTOR SHALL REUSE THE ELECTRICAL SERVICE FOR THE EXISTING TRAFFIC SIGNAL CONTROLLER VIA THE EXISTING STREET LIGHTING CONTROLLER. EXTRA PRECAUTION MUST BE TAKEN WHEN PLACING STRAPS, MOUNTING CONDUIT AND RUNNING CABLE. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT, TOOLS, AND DEVICES REQUIRED FOR PROPER SERVICE CONNECTIONS. ANY DAMAGES TO THE EXISTING CONTROLLERS OR OTHER EQUIPMENT SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE. ALL TEMPORARY SERVICE AND CONNECTIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION."
2. CONTRACTOR TO CLEAN-UP AND RESTORE AREA TO THE SATISFACTION OF THE RESIDENT ENGINEER. ALL WORK SHALL BE DONE IN A WORKMANSHIP MANNER. POLES SHALL BE STRAIGHT AND PLUMB. WIRES SHALL BE TRAINED AND TIED. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION."
3. FOR TEMPORARY LIGHTING NOTES, SEE SHEET E-1.

TEMPORARY TRAFFIC SIGNAL INSTALLATION
BILL OF MATERIALS

	DESCRIPTION	UNITS	QUANTITY
*	WOOD POLES, CLASS 5, 13.8 m WITH GUY WIRE AND ANCHORS	EACH	8
*	ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 12, 19C	FOOT	100
*	ELECTRIC CABLE, AERIAL SUSPENDED POWER NO. 4, 2C	FOOT	500
*	SIGNAL HEAD, 1 FACE, 3 SECTION, 12" LENSES	EACH	12
*	FIBER OPTIC SIGN	EACH	2
*	NO LEFT TURN, R3-2	EACH	2

* ALL WORK SHALL BE PAID FOR UNDER THE CONTRACT UNIT PRICE PER EACH FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION"

TS-4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
112TH PLACE OVER
F.A.I ROUTE 57 (INTERSTATE 57)

112TH PL. TEMPORARY TRAFFIC SIGNAL & LIGHTING PLAN

SCALE: 1" = 20' DRAWN BY: ACL

DATE: 01/16/09 CHECKED BY: RMW

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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