

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	1314B	COOK	160	64
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NOTES

1. THE CITY LIGHT POLES, MAST ARMS AND LUMINAIRES SHALL BE REMOVED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE THE DELIVERY OF THE POLES WITH THE CITY OF CHICAGO BUREAU OF ELECTRICITY. THE COST OF DELIVERING THE LIGHT POLES AND LUMINAIRES IS INCLUDED IN THIS CONTRACT AND SHALL BE REFLECTED IN THE CONTRACTOR'S BID. NO ADDITIONAL COMPENSATIONS WILL BE ALLOWED.
2. THE CITY OF CHICAGO WILL FURNISH NEW LIGHT POLES, MAST ARMS AND LUMINAIRES. THE CONTRACTOR SHALL GIVE THE CITY OF CHICAGO, BUREAU OF ELECTRICITY A 72 HOUR ADVANCE NOTICE PRIOR TO PICKING UP THE STREET LIGHTING EQUIPMENT.
3. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY CITY STANDARD DRAWINGS FROM THE CITY OF CHICAGO, DEPARTMENT OF STREETS AND SANITATION, BUREAU OF ELECTRICITY. THE COST OF OBTAINING THE STANDARD DETAILS FROM BUREAU OF ELECTRICITY IS INCLUDED IN THIS CONTRACT.
4. THE CONTRACTOR SHALL PROVIDE THE NECESSARY TEMPORARY AERIAL CABLES AND SPLICES TO KEEP THE EXISTING LIGHT UNITS OPERATIONAL UNTIL THE PROPOSED LIGHT UNITS ARE IN PLACE AND FULLY OPERATIONAL. ALL THE NECESSARY MATERIALS AND LABOR TO MAINTAIN THE TEMPORARY WIRING IS INCLUDED IN THE TEMPORARY LIGHTING SYSTEM ITEM. THIS WORK SHALL BE CLOSELY COORDINATED WITH THE CITY OF CHICAGO, BUREAU OF ELECTRICITY. FOR TEMPORARY STREET LIGHTING PLAN, SEE SHEET TS-5.
5. FOR CONDUIT AND MANHOLE INFORMATION REFER TO TRAFFIC SIGNAL DRAWINGS.
6. THE CONTRACTOR SHOULD NOTE THAT THERE MAY BE EXISTING FIRE ALARM / POLICE CABLES CONCEALED IN THE SIDEWALK THAT MUST REMAIN OPERATIONAL AT ALL TIMES DURING CONSTRUCTION USING AERIAL CABLE. THIS WORK SHALL BE PERFORMED BY THE CITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THIS WORK WITH THE CITY OF CHICAGO, BUREAU OF ELECTRICITY.
7. THE CONTRACTOR INSTALLING CONDUITS EMBEDDED IN CONCRETE WILL PROVIDE PULL WIRES FOR USE BY THE ELECTRICIAN.

LEGEND

<input type="checkbox"/>	<input type="checkbox"/>	MANHOLE
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	LUMINAIRE, H.P.S.V. AND LAMP, 400W SEMI-CUTOFF, 240V, WITH INTEGRAL BALLAST
-2NC-	-2NC-	CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN CONDUIT
-3TC-	-3TC-	CABLE, STREET LIGHT, 2 1/C-#6 EPRN 600V. & 1 1/C-#8 GREEN, TRIPLEXED IN CONDUIT
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CONTROLLER, STREET LIGHTING. PEDESTAL OR BASE MOUNTED
<input type="checkbox"/>	<input type="checkbox"/>	POLE, CITY STEEL, ANCHOR BASE, 10.5 m, 7 GA., 254 mm DIA. AND 381 mm BOLT CIRCLE AND FND. WITH 32 mm ANCHOR RODS
<input type="checkbox"/>	<input type="checkbox"/>	POLE, CITY STEEL, ANCHOR BASE, 9.9 m, 7 GA., AND FND. WITH 292 mm B.C. AND 25 mm ANCHOR RODS
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	REFER TO TRAFFIC SIGNAL PLANS FOR DESCRIPTION
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	REFER TO TRAFFIC SIGNAL PLANS FOR DESCRIPTION
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CDOT BILL OF MATERIALS - LIGHTING

ITEM	UNIT	QUANTITY
PVC CONDUIT EMBEDDED IN STRUCTURE 50mm (SCHEDULE 80)	METER	186
PVC CONDUIT IN TRENCH 50mm (SCHEDULE 80)	METER	220
CONCRETE FOUNDATION, 600mm DIAMETER	METER	8.3
POLE, STEEL, ANCHOR BASE 292mm DIAMETER, 7GAUGE(9.9m) INSTALL ONLY	EACH	2
POLE, STEEL, ANCHOR BASE 381mm DIAMETER, 7GAUGE(10.5m) INSTALL ONLY	EACH	2
MAST ARM, STEEL, STREET LIGHTING 3.66m, INSTALL ONLY	EACH	12
LUMINAIRE, STREET LIGHTING, HIGH PRESSURE SODIUM VAPOR, 400W, 240VOLT, INSTALL ONLY	EACH	12
ELECTRIC CABLE IN CONDUIT, TRIPLEX 2-1/C NO.6, 1-1/C NO.8	METER	669
REMOVE EXISTING STREET LIGHTING EQUIPMENT	L.S.	1
TRENCH AND BACKFILL WITH SCREENINGS AND/OR SAND	METER	220
REMOVE EXISTING STREET LIGHTING FOUNDATION	EACH	2
TEMPORARY LIGHTING SYSTEM	L.S.	1
CONCRETE FOUNDATION FOR BASE MOUNTED STREET LIGHT CONTROLLER CABINET	EACH	1
CONTROLLER, STREET LIGHTING, BASE MOUNTED, 1 PHASE, 100 AMP	EACH	1
SERVICE CONNECTION TO CECO LINE	EACH	1



SIGNED *Subrata Kumarjee*
 DATE 01-21-05
 EXPIRES ON 11-30-05
 FOR SHEET NO'S. E-01 THRU E-15

E-01

G:/PROJECTS/JOB268/LTC/NAGLE/el.DGN DT. 02-19-01



KAM ENGINEERING, INC.
 CONSULTING ENGINEERS
 707A Davis Road, Suite 205
 Elgin, Illinois 60123-1369

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 NAGLE AVE. OVER FAI-90
 (KENNEDY EXPY)
 CITY OF CHICAGO
 SYMBOLS, GENERAL NOTES AND
 BILL OF MATERIALS

SCALE: NONE DRAWN BY: CBR
 DATE: DEC 2004 CHECKED BY: SM