

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	06-00085-00-LT	COOK	10	2
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	TE-001 (707)	
C-91-032-07				

CONTRACT NO. 83962

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS", THE STREET LIGHTING IMPROVEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH AMERICAN NATIONAL STANDARD PRACTICE FOR ROADWAY LIGHTING (ANSI/IES RP8 LATEST EDITION) AND THE NATIONAL ELECTRICAL CODE/NEC, NFPA, 70, LATEST EDITION.
- THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE CITY DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR CITY.
- THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN CITY UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
- MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, DRIVEWAYS, CURB AND GUTTER, HOT-MIX ASPHALT SURFACES, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE AND MEETING THE APPROVAL OF THE CITY OF OAK FOREST DIRECTOR OF PUBLIC WORKS OR DESIGNATED PROJECT MANAGER. IN THE JUDGMENT OF THE CITY, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE CITY WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS AS APPROVED BY THE CITY OF OAK FOREST DIRECTOR OF PUBLIC WORKS OR DESIGNATED PROJECT MANAGER. UNTIL THE OWNERS, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO.
- ANY SIGNS OR MAILBOXES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH CITY STANDARDS AND INCLUDED IN THE PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION. MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.
- ALL POSTS, RAILROAD TIES, DECORATIVE TIMBER AND BRICK WORK IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR. THIS WORK SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE, AND DEPTH TO INSURE THAT GRADE CONFLICTS WILL NOT OCCUR. THE COST OF THIS EXPLORATION SHALL BE INCLUDED IN THE COST OF THE PROPOSED UTILITY CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE WARRANTIES OR GUARANTEES PROVIDING FOR SATISFACTORY IN-SERVICE OPERATION OF THE MECHANICAL AND ELECTRICAL EQUIPMENT AND RELATED COMPONENTS AS PER I.D.O.T. STANDARDS.
- ALL AREAS DAMAGED OR DISTURBED BY THE INSTALLATION OF LIGHT POLES, FOUNDATIONS, UNDERGROUND CABLES, CONDUIT, AND CONTROL CABINET SHALL HAVE TOPSOIL REPLACED TO A DEPTH OF 4", FERTILIZED, AND HYDROSEED IN ACCORDANCE WITH APPLICABLE SECTION OF THE "STANDARD SPECIFICATIONS". THE WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST, AND MEETING THE APPROVAL OF THE CITY OF OAK FOREST DIRECTOR OF PUBLIC WORKS OR DESIGNATED PROJECT MANAGER.
- ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE CITY OF OAK FOREST DIRECTOR OF PUBLIC WORKS OR DESIGNATED PROJECT MANAGER.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- ALL CONDUITS UNDER ROADWAYS AND DRIVEWAYS SHALL BE PUSHED. CONDUIT LENGTHS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL DISTANCE REQUIREMENTS IN THE FIELD.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRING ACCORDINGLY.
- THE CITY OF OAK FOREST AND ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCING EACH CONSTRUCTION PHASE.
- THE CONTRACTOR WILL BE REIMBURSED BY THIS CONTRACT TO THE EXACT AMOUNT OF MONEY AS BILLED BY COM-ED FOR THEIR SERVICES, AND NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY INCIDENTAL MATERIALS AND LABOR REQUIRED TO FULFILL THE REQUIREMENTS AS SHOWN ON THE PLANS AND SPECIFIED HEREIN. SEE SECTION 109.05 "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- ALL ELECTRICAL DEVICES AND MATERIALS SHALL BE U/L LISTED WHERE APPLICABLE.
- CONTRACTOR IS RESPONSIBLE FOR DECOMMISSIONING AND SALVAGING EXISTING LIGHTING PER DIRECTIONS OF THESE PLANS AND SHALL BE REMOVED IN A PROFESSIONAL WORKMANSHIP LIKE MANNER FOR RE-USE BY THE CITY OF OAK FOREST. THE LIGHTING UNITS SHALL BE REMOVED AS FOLLOWS:
 - POLES TO BE TAKEN DOWN WITH ARMS AND LUMINAIRES DIS-MOUNTED (PROTECT LENSES FROM BREAKAGE).
 - ALL MOUNTING BOLTS, BACK PLATES, COVERS, ABOVE GROUND POLE, TRANSFORMER BASES, ETC. TO BE COLLECTED AND BOXED.
 - COORDINATE SALVAGE WORK WITH CITY AND DELIVER ALL SALVAGED LIGHT POLE AND RELATED ITEMS TO:

OAK FOREST PUBLIC WORKS
15722 S. LOREL AVE.
OAK FOREST, IL 60452
(708)535-4090
- CONTACT JULIE AT 1-800-892-0123 FOR UTILITY LOCATES PRIOR TO BEGINNING AND EXCAVATION WORK. WORK PROACTIVELY WITH UTILITY COMPANIES FOR THE PURPOSE OF DAMAGE PREVENTION.

THE CONTRACTOR SHALL CONTACT:
COM-ED
25000 S. GOVERNORS HIGHWAY
UNIVERSITY PARK, IL 60466
JIM WERNER
(708) 235-2694

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
3	LIGHTING PLAN-SINGLE LINE DIAGRAM
4-6	STREET LIGHTING PLAN
7-8	STREET LIGHTING DETAILS
9	BM-14 METHOD OF FLAGGING
10	TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

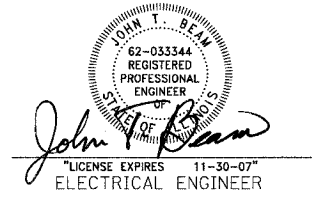
SUMMARY OF QUANTITIES

4031-1F

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
67100100	Mobilization	L. SUM	1
70101700	Traffic Control and Protection	L. SUM	1
80400100	Electrical Service Installation	EACH	1
80400200	Electrical Utility Service Connection	L. SUM	1
81018500	Conduit Pushed, 2" Dia., Galvanized Steel	FOOT	150
81018600	Conduit Pushed, 2 1/2" Dia., Galvanized Steel	FOOT	1800
81100600	Conduit Attached To Structure, 2" DIA., Galvanized Steel	FOOT	50
XX007096	Unit Duct 7-1/c No.6 & 1/c No.8 Ground, 600 V (XLP-Type USE) 1 1/2" Dia. Polyethylene	FOOT	5000
81702440	Electrical Cable In Conduit, 600 V. (XLP-Type USE) 3-1/c No. 1/0	FOOT	70
XX007097	Electrical Cable In Conduit, 600 V. (XLP-Type USE) 3-1/c No. 10	FOOT	160
81900200	Trench & Backfill for Electrical Work	FOOT	2500
XX007098	Luminaire, Sodium Vapor, Horizontal Mount 70 Watt, Special	EACH	25
82102310	Luminaire, Sodium Vapor, Horizontal Mount 310 Watt	EACH	19
82103310	Luminaire, Sodium Vapor, Horizontal Mount Photo-Cell Control, 310 Watt	EACH	1
XX007099	Light Pole, Aluminum, 15 FT. M.H. 2 FT. Arm, Special	EACH	25
XX007095	Light Pole, Steel, 40 FT. M.H. 15 FT. Arm, Special	EACH	20
82500505	Lighting Controller, Special	EACH	1
83600210	Light Pole Foundation, 24" Dia.	FOOT	150
83600310	Light Pole Foundation, 30" Dia.	FOOT	160
84200500	Removal of Existing Lighting Unit, Salvage	EACH	37
84200700	Lighting Foundation Removal	EACH	38

HIGHWAY STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-04	CURB RAMPS FOR SIDEWALKS
701101-01	OFF RD OPERATIONS, MULTILANE 15' TO 24" FROM PAVEMENT EDGE
701501-03	URBAN LANE CLOSURE, 2L 2W-UNDIVIDED
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILINE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-06	TRAFFIC CONTROL DEVICES
805001	ELECTRIC SERVICE INSTRUCTION DETAILS



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CONSULTANTS	REV. NO.	DATE	DESCRIPTION
* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS			
DRAWING FILE: #FILEA#			



Baxter & Woodman
 Crystal Lake, Illinois 815.469.1860
 Haas, Illinois 815.773.1870
 Burlington, Wisconsin 262.763.7834
 Mokena, Illinois 708.478.2090
 DeKalb, Illinois 815.787.3111
 Grayslake, Illinois 847.323.5088
 Rockford, Illinois 815.489.1551
 Plainfield, Illinois 815.609.7425

CITY OF OAK FOREST, ILLINOIS
 FAP 350 CICERO AVENUE IMPROVEMENTS
 (155TH ST. TO 159TH ST.)

INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES

DESIGNED BY	SCALE
JLR	NONE
DRAWN BY	PROJECT NO.
MAC	060467
CHECKED BY	SHEET NO.
JTB	2 OF 10
DATE	
06/21/07	