	F.A.U. SECTION		C	OUTT	/	TOTAL SHEETS	SHEET NO.	
į.	3509 00-00173-0	O-FP		000	<	246	161	
-6	STA.	1	0	STA.				
	FED. ROAD DIST. NO. 7	ILLIN	015	FED.	AID	PROJECT		

SCHEDULE OF QUANTITIES

QTY.	UNIT	<u>ITEM</u>
2	EACH	GROUND ROD, %" DIA. X 10 FT.
1,544	FOOT	CONDUIT IN TRENCH, 21/2" DIA., GALVANIZED STEEL
120	FOOT	CONDUIT PUSHED, 21/2" DIA., GALVANIZED STEEL
131	EACH	HANDHOLE, COMPOSITE CONCRETE, SPECIAL
23,005	FOOT	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (EPR-TYPE RHW), 1" DIA. POLYETHYLENE
15,275	FOOT	AERIAL CABLE, 2-1/C NO. 6 WITH MESSENGER WIRE
21,035	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
75	EACH	LIGHT POLE, WOOD, 30 FOOT, CLASS 3
16	FOOT	LIGHT POLE FOUNDATION, 24" DIAMETER
27	EACH	POLE FOUNDATION, METAL
11	EACH	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE
15	EACH	LIGHTING FOUNDATION REMOVAL
15	EACH	RELOCATE EXISTING LIGHTING UNIT
12	EACH	REMOVE EXISTING HANDHOLE
1	L SUM	MAINTENANCE OF EXISTING LIGHTING SYSTEM COMPLETE
15	EACH	LUMINAIRE, METAL HALIDE, HORIZONTAL MOUNT, 250 WATT
13	EACH	LIGHT POLE, ALUMINUM, 35 FT. M.H., 10 FT. DAVIT ARM (SPECIAL)

GENERAL NOTES

- AERIAL CABLE SHALL BE CONNECTED TO THE INGROUND JUNCTION BOX OR HANDHOLE TO MAINTAIN CIRCUIT CONTINUITY & TO ENSURE STREET LIGHTS ARE OPERATIONAL DURING NIGHT HOURS FROM DUSK TO DAWN THROUGHOUT CONSTRUCTION.
- 2. AERIAL CABLE IS SHOWN TO BE INSTALLED ON THE WEST SIDE OF SHERIDAN ROAD. FOR STAGE CONSTRUCTION OF SOUTH BOUND SHERIDAN ROAD. CONTRACTOR WILL BE REQUIRED TO REUSE AERIAL CABLE ON THE EAST SIDE TO MAINTAIN LIGHTING SYSTEM OPERATION DURING CONSTRUCTION OF NORTH BOUND SHERIDAN ROAD. THE COST FOR THIS WORK SHALL NOT BE PAID FOR SEPARTELY BUT SHALL BE INCLUDED IN THE UNIT COST OF AERIAL CABLE.
- DO NOT CONNECT WILMETTE STREET LIGHTS TO EVANSTON STREET LIGHTS. SEE PLANS FOR LIGHTING BOUNDARY LIMITS.
- 4. SPLICE AT INGROUND JUNCTION BOX (HANDHOLES) LOCATED ADJACENT TO EXISTING LIGHT POLES. THE SPLICE SHALL BE WATERPROOF USING 3M-EPOXY SPLICE KIT.
- 5. CABLE DUCT WITH CONDUCTORS SHALL BE PLACED AT 2' MINIMUM DEPTH IMMEDIATELY BEHIND CURB AND GUTTER.
- 6. CABLE DUCT SHALL BE PULLED THROUGH RIGID CONDUIT UNDER ALL ROADWAYS AND AS INDICATED ON THE PLANS.
- CONTRACTOR MAY BE ALLOWED WITH THE ENGINEER'S APPROVAL TO BYPASS JUNCTION BOX/HANDHOLES LOCATED ADJACENT TO EXISTING LIGHT STANDARDS AND SPLICE UNDERGROUND FEEDER CABLES IN DUCT VIA TAP IN LIGHT STANDARD POLE HANDHOLE ABOVE GROUND.
- 8. RELOCATED POLES SHALL BE 3' FROM THE FACE OF CURB TO FACE OF POLE AND 3' MIN. FROM FROM DRIVEWAY APRONS. PROPOSED POLES SHALL BE 6.5' FROM THE FACE OF CURB TO THE FACE OF POLE.
- 9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER PRIOR TO STARTING WORK.
- 10. A GROUND ROD SHALL BE PROVIDED FOR EACH CONCRETE FOUNDATION (CITY OF EVANSTON POLES ONLY). GROUNDING CONNECTIONS MADE TO THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED IN THE PLAN DETAILS, AND SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
- 11. PARALLEL UNIT DUCT RUNS SHOWN ON THE PLANS SHALL BE PLACED IN A COMMON TRENCH (CT).
- 12. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE FINISHED GRADE.
 THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY
 FOR COORDINATING THE FINISHED GRADE ELEVATIONS WITH THE TOP OF THE FOUNDATION HEIGHTS
 REMAINS WITH THE CONTRACTOR.
- 14. A COMPOSITE CONCRETE HANDHOLE SHALL BE FURNISHED AND INSTALLED AT EACH WILMETTE OWNED LIGHTING UNIT FOR SPLICING THE PROPOSED UNIT DUCT WIRING. THE HANDHOLE SHALL BE PLACED APPROX. ONE (1) FOOT HORIZONTALLY FROM THE POLE BASE. UNIT DUCT AND WIRING SHALL BE INTALLED FROM HANDHOLE TO POLE BASE. CABLES SHALL BE SPLICED TO POLE WIRE IN POLE HANDHOLE. THIS WORK SHALL BE INCLUDED IN THE COST FOR THE UNIT DUCT.

X AND	EXISTING STREET LIGHTING UNIT TO REMAIN	
AC	AERIAL CABLE 2-1/C *6 AND STEEL MESSENGER AS GROUND CONDUCTOR	
\otimes	TEMPORARY WOOD POLE WITHOUT LUMINAIRE FOR AERIAL CABLE SUPPORT	
, 🛛	EXISTING INGROUND JUNCTION BOX OR HANDHOLE	
ER 💥	EXISTING STREET LIGHTING UNIT TO BE RELOCATED	
ESLX	EXISTING STREET LIGHTING UNIT FOR EVANSTON	
	EXISTING STREET LIGHTING CONTROLLER	
	PROPOSED 1" CABLE DUCT WITH 2-1/C *6 & 1-1/C *6 INSULATED GROUND IN TRENCH	
P or T 	PROPOSED 2 1/2" RIGID GALVANIZED STEEL CONDUIT (P-PUSHED), (T-TRENCH), (L-LENGTH) AS NOTE	D
•	CABLE SPLICE	
♠ RLD	RELOCATED STREET LIGHTING UNIT	
A	PROPOSED INGROUND JUNCTION BOX/HANDHOLE WITH SPLICE	
	EXISTING STREET LIGHT ON BRIDGE TO REMAIN	
REM	EXISTING STREET LIGHTING UNIT TO BE REMOVED	
∳ PR	PROPOSED STREET LIGHTING UNIT, FLUTED POLE WITH	
•	10' DAVIT ARM, 35' MH, 250 WATT, METAL HALIDE, 240V, M-C-111 LUMINAIRE	
c C	PROPOSED COMBINATION TRAFFIC SIGNAL/LIGHT POLE, FLUTED POLE WITH 10' DAVIT ARM, 35' MH, 250 WATT, METAL HALIDE, M-C-111, 240V LUMINAIRE	
STA -		
* *	STATION LIGHT POLE CIRCUIT AND POLE NUMBER	
CONTROLLER - DESIGNATION POLE NUMBER		

LEGEND

T		REVISIONS
	DATE	NAME
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ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHTING SCHEDULE OF QUANTITIES,
GENERAL NOTES, & LEGEND
SHERIDAN ROAD



DATE 7/30/07
DRAWN BY AJP
CHECKED BY RIG