

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2993, 05-00094-00-WR	DUPAGE		67	41
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
PROJECT NO.: M-8003 (707)				

**GENERAL LIGHTING NOTES**

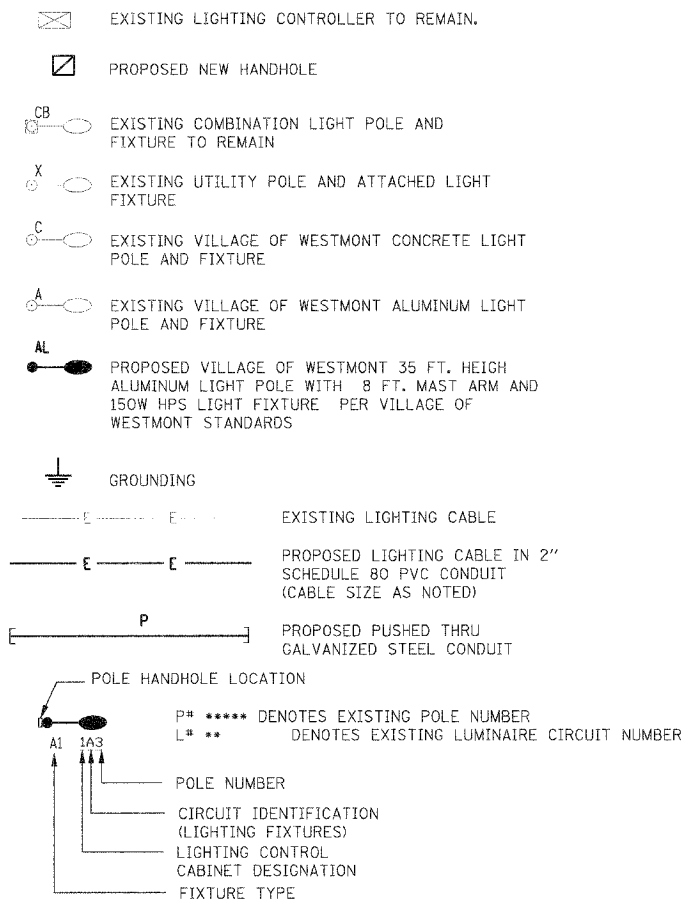
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLE FOUNDATIONS, CENTER LINE OF TRENCH AND CONDUIT PUSHES FOR EXAMINATION AND CONFIRMATION WITH THE VILLAGE AND ENGINEER. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- 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 RESIDENT ENGINEER PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ROADWAY LIGHTING". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OPERATIONS.
- 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 THE FOUNDATION HEIGHTS AND THE LIKE SHALL REMAIN WITH THE CONTRACTOR.
- NO LIGHT POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, A MINIMUM OF SEVEN DAYS OR AS APPROVED BY THE ENGINEER.
- TO MAINTAIN STRUCTURAL INTEGRITY OF THE LIGHT POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT POLES SHALL NOT BE PAID UNTIL THE LUMINAIRES ARE INSTALLED.
- NO EQUIPMENT OR MATERIAL SHALL BE DELIVERED TO THE JOB SITE PRIOR TO THE APPROVAL AND INSPECTION BY THE ENGINEER. ANY EQUIPMENT OR MATERIAL DELIVERED TO THE JOB SITE PRIOR TO APPROVAL AND INSPECTION SHALL BE REMOVED FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE.
- CONDUIT PUSHED AND IN TRENCH SHALL EXTEND FIVE (5) FEET BEYOND THE SHOULDER, CURB OR DRIVEWAY, AS APPLICABLE.
- THE CONTRACTOR SHALL PROVIDE A 3/4" X 10' COPPER CLAD GROUND ROD AT EACH LIGHT POLE (REFER TO THE FOUNDATION DETAIL). THE GROUND ROD SHALL NOT BE EMBEDDED IN THE FOUNDATION.
- ALL CONDUIT SHALL BE INSTALLED MIN. 30 INCHES BELOW FINISHED GRADE (UNLESS DIRECTED OTHERWISE) COMPLETE WITH WARNING TAPE. CONTRACTOR SHALL HAND DIG TEST HOLES FOR EVERY 1000 FT. OF TRENCHING FOR ENGINEER'S APPROVAL OF THE INSTALLATION.
- MATERIALS AND INSTALLATION METHODS SHALL COMPLY WITH CODES AND ORDINANCES OF FEDERAL, STATE AND LOCAL GOVERNING BODIES HAVING JURISDICTION. NATIONAL ELECTRICAL CODE (LATEST REVISION) SHALL BE CONSIDERED AS A MINIMUM REQUIREMENT.
- IT IS CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION. CONTACT J.U.L.I.E. PRIOR TO THE START OF ANY EXCAVATION WORK.
- BEFORE INSTALLING STANDARDS NEAR OVERHEAD FACILITIES CALL COMED FOR APPROVAL OF LOCATION.
- FOR LOCATION OF EXISTING UNDERGROUND MUNICIPAL UTILITIES CALL THE VILLAGE OF WESTMONT.
- MATERIAL QUANTITIES ARE APPROXIMATIONS ONLY. IT IS CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL QUANTITIES PRIOR TO ORDERING MATERIAL.
- THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION AND STAGING WITH OTHER WORK BEING DONE IN THE SAME GENERAL AREA BY COMED. CONTRACTOR SHALL SET UP COORDINATION MEETINGS IF REQUIRED.
- A STAGING SCHEDULE FOR MATERIAL INSTALLATION, REMOVAL AND APPROXIMATE DATE OF PROPOSED ENERGIZING OF PERMANENT LIGHTING SHALL BE SUBMITTED PRIOR TO THE COMMENCEMENT OF WORK TO ENSURE COORDINATION WITH CONTRACT WORK SCHEDULE.
- COMMONWEALTH EDISON COMPANY SHALL BE CONTACTED WITHIN ONE WEEK OF AWARD OF CONTRACT AND NOTIFIED OF PENDING SERVICE CONNECTIONS AND INSTALLATIONS TO ENSURE CONTINUITY OF NIGHT TIME HOURS OF LIGHTING OPERATION.
- EXISTING LIGHTING CONTROL CABINETS SHALL BE REUSED FOR NEW WORK. REPAIRS SHALL BE MADE AS SHOWN IN CONTRACT DOCUMENTS.
- PROPOSED NEW CONDUITS SHALL BE PVC SCHEDULE 80, UNLESS NOTED OTHERWISE.
- EACH WIRE SHALL BE IDENTIFIED AT EACH POLE BY APPROPRIATE CONTROLLER AND CIRCUIT NUMBER.
- CONTRACTOR SHALL SUBMIT "RECORD DRAWINGS" A MINIMUM OF 7 DAYS PRIOR TO THE FINAL INSPECTION. "RECORD DRAWINGS" SHALL BE UPDATED REGULARLY DURING CONSTRUCTION AND INDICATE ALL LIGHTING MATERIAL INSTALLATION WITH ANY CHANGES IN RED.
- ALL AREAS DISTURBED UNDER THIS CONTRACT SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE VILLAGE AND ENGINEER.

- CONTRACTOR SHALL NOT PROCEED WITH CUTTING OF TREES OR CLEARING OF RIGHT- OF-WAY WITHOUT WRITTEN NOTIFICATION AND APPROVED BY ENGINEER.
- CONTRACTOR SHALL VERIFY FOUNDATION BOLT PATTERN PRIOR TO CONSTRUCTING FOUNDATIONS.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY LIGHT POLES AND ASSOCIATED TEMPORARY CIRCUIT PER IDOT REQUIREMENTS. COORDINATE EXACT LOCATION WITH VILLAGE OF ARLINGTON HEIGHTS. DO NOT REMOVE EXISTING LIGHT POLE PRIOR TO TEMPORARY LIGHT POLES INSTALLED, ENERGIZED, AND ACCEPTED BY ENGINEER.
- QUANTITY OF PUSHED CONDUIT AND CONDUIT IN TRENCH ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY THE QUANTITIES PRIOR TO ORDERING THE MATERIAL AND INSTALL CONDUITS IN FULL COMPLIANCE WITH THE DETAILS AND SPECIFICATIONS SET REQUIREMENTS.
- THE CONTRACTOR SHALL PROVIDE NEW LIGHT FIXTURES PER SCHEDULE. NEW FIXTURES SHALL BE FURNISHED WITH PHOTOCELL AND ASSOCIATED WIRING. PHOTOCELL SHALL BE INSTALLED AND WIRED BY FIXTURE MANUFACTURER.
- THE CONTROLLER AND CIRCUIT DESIGNATIONS AS SHOWN ON THE DRAWINGS ARE FOR REFERENCE ONLY. EXACT DESIGNATIONS FOR DECALS SHALL BE AS DIRECTED BY THE OWNER.
- THE POLE DESIGNATION AS SHOWN ON THE DRAWINGS ARE FOR REFERENCE ONLY. EXACT DESIGNATION OF ALL POLES SHALL BE APPROVED BY THE ENGINEER PRIOR TO THE INSTALLATION OF THE IDENTIFICATION LABELS.
- NEW POLES AND RELOCATED POLES SHALL BE AS DIRECTED BY THE OWNER.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, FLAG AND PROTECT ALL EXISTING UNDERGROUND UTILITIES PRIOR TO AND DURING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION SHALL BE REPAIRED IMMEDIATELY AT NO EXTRA COST TO THE VILLAGE. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE INSTALLATION OF THE PROPOSED CONDUIT.
- CIRCUIT NUMBERING AND DESIGNATIONS SHOWN ON THE PLANS ARE FROM EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY CIRCUIT NUMBERING, CABLE ROUTING AND POWER SOURCES DURING CONSTRUCTION.
- ANY REMOVED LIGHT POLES/FIXTURES/PHOTOCELLS SHALL BE TURNED OVER TO THE VILLAGE. COORDINATE LOCATION AND DELIVERY TIMES WITH OWNER/ENGINEER. CONTRACTOR SHALL MAINTAIN THE EXISTING LIGHTING SYSTEM IN OPERATION DURING INSTALLATION OF PROPOSED LIGHTING SYSTEM.
- UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN ON THESE PLANS ARE PROPOSED NEW ITEMS OF WORK.
- CONTRACTOR'S STAGING AREA SHALL BE AS DIRECTED BY THE OWNER IN THE PRE-CONSTRUCTION MEETING.
- EXISTING POLES AND FIXTURES TO REMAIN, UNLESS NOTED OTHERWISE. REROUTE AND EXTEND CONDUIT AND WIRING AS REQUIRED FOR EXISTING REMAINING LIGHT POLES.
- CONTRACTOR SHALL OBTAIN EXISTING LIGHTING PLANS FROM THE VILLAGE OF WESTMONT PRIOR TO STARTING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE NEW COMPLETE FIXTURES IN PROJECT LIMITS. PROPOSED FIXTURES SHALL BE MANUFACTURED BY COOPER UTILITY LIGHTING, TYPE OVH15S22D4H-RA1014, 150W HPS, 16,000 LIGHT LUMENS.
- CONTRACTOR SHALL PROVIDE NEW LIGHT POLES IN PROJECT LIMITS. PROPOSED POLES SHALL BE MANUFACTURED BY HAPCO, 35 FEET MOUNTING HEIGHT, ALUMINUM, CATALOG NUMBER RTA35D8B4M18--\*\* TYPE 21-867, AND WITH 8 FOOT MAST ARM.
- EXISTING POLES TO BE REPLACED MAY BE TAKEN OUT OF SERVICE ONLY IF THE FOUR ADJACENT LIGHT POLES, TWO TO EACH SIDE OF THE POLE, REMAIN IN SERVICE AND OPERATIONAL UNTIL THE POLE IS REPLACED, ENERGIZED, AND APPROVED BY THE ENGINEER.

**ABBREVIATIONS**

AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CCT	CIRCUIT
DIA	DIAMETER
E	ELECTRICAL
EX	EXISTING
GND	GROUND
KW	KILOWATT
REL	RELOCATED
REM	REMOVED
RGS	RIGID GALVANIZED STEEL
P	PROPOSED
PVC	POLY VINYL CHLORIDE (SCHEDULE 80 CONDUIT)
STA	STATION

**LEGEND**



IDOT CODED PAY ITEM NUMBER	DESCRIPTION	UNIT OF MEASURE	TOTAL QUANTITY
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	1177
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	302
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1258
81702410	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 4	FOOT	1258
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1173
82103150	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 150 WATT	EACH	14
83007300	LIGHT POLE, ALUMINUM, 35 FT. M.H., 8 FT. MAST ARM	EACH	14
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	162
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	5
X0321478	MAINTENANCE OF EXISTING LIGHTING SYSTEM COMPLETE	L SUM	1
X0324637	BASE COVER, LIGHT POLE	EACH	12
X8380090	BREAKAWAY DEVICE, COUPLING	EACH	56
X8950130	MODIFY EXISTING LIGHTING CONTROLLER	EACH	1
	INTERCEPT EXISTING CONDUIT FOR LIGHT POLE	EACH	5
	CLEAN AND RELAMP EXISTING LUMINAIRE	EACH	2

PLAN	SURVEYED	DATE
NO.	BY	
	NOTED	
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NO.	BY	
	NOTED	
	CHECKED	
	BY	
	DATE	

PLOT DATE = #DATE#  
 FILE NAME = #TITLE#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION VILLAGE OF WESTMONT WILLIAMS STREET RECONSTRUCTION GENERAL NOTES, ABBREVIATIONS AND SYMBOLS
NAME	DATE	

SCALE: NONE  
 DATE: 09/21/07  
 DRAWN BY: FO  
 CHECKED BY: DEM