

GENERAL NOTES

1. THE OFFSETS TO ALL HIGH MAST TOWERS AND CONVENTIONAL LIGHT POLES ADJACENT TO CURBED ROADWAYS ARE MEASURED FROM THE CENTER OF THE FOUNDATION TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.
2. THE IDOT HIGHWAY STANDARDS LATEST REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
3. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND THE SUE SURVEYS. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON PUBLIC PROPERTY WITHOUT WRITTEN PERMISSION OF THE DEPARTMENT.
6. ALL BASELINES AND CENTERLINES (ALIGNMENTS) SHOWN ON THE PLANS ARE FOR THE FINAL ROADWAY GEOMETRY. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL STATIONS, OFFSETS AND DIMENSIONS MEASURED FROM THESE ALIGNMENTS WITH THE OTHER CONSTRUCTION CONTRACT NUMBERS 76C49, 76C50, 76C51, 76C52, 76C53, 76C55, 76C75 AND 76C76 TO ENSURE THE PROPER INSTALLATION LOCATIONS AND ELEVATIONS OF ALL ELECTRICAL EQUIPMENT WITH RESPECT TO THE FINAL ROADWAY GEOMETRY IN EACH CIVIL CONTRACT.
7. ALL 4-INCH SCHEDULE 80 PVC CONDUIT SLEEVES PUSHED OR BORED UNDER PAVEMENT SHALL BE INSTALLED A MINIMUM OF 45 INCHES BELOW FINISHED GRADE TO AVOID CONFLICTS WITH THE UNDER DRAINS UNLESS OTHERWISE INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE SLEEVES SHALL BE INSTALLED DEEPER IF REQUIRED TO AVOID CONFLICTS WITH OTHER UTILITIES AND DRAINAGE STRUCTURES AT NO ADDITIONAL COST TO IDOT.
8. GRADE AN 18-INCH DIAMETER LEVEL AREA (NO SLOPE) OF COMPACTED EARTH AROUND THE HIGH MAST TOWER FOUNDATION AS SHOWN ON IDOT STANDARD 837001. THE WORK TO GRADE AROUND THE TOWER FOUNDATION WILL BE INCLUDED IN THE COST OF THE LIGHT TOWER FOUNDATION PAY ITEM.
9. THE NEW IDOT LIGHTING CONTROLLERS PROVIDED FOR THIS CONTRACT SHALL BE RATED 240/480 VOLTS AC, 1 PHASE, 3 WIRE, WITH ONE 200 AMP MAIN BREAKER AND CONTACTOR. CONTROLLER "1" SHALL HAVE SIX 50 AMP, 2 POLE BRANCH CIRCUIT BREAKERS (2 SPARE). CONTROLLER NO. "25" SHALL HAVE FIVE 50 AMP, 2 POLE BRANCH CIRCUIT BREAKERS (2 SPARE) AND ONE 70 AMP, 2 POLE BRANCH CIRCUIT BREAKER FOR LIGHTING CIRCUIT D. THE ENCLOSURE SHALL HAVE MINIMUM DIMENSIONS OF 50" H X 36" W X 17" D. THE INSULATED BACKER BOARD SHALL BE SIZED ACCORDINGLY. SEE DRAWING ME-03 FOR ADDITIONAL DETAILS.
10. THE SERVICE DISCONNECT SWITCH SHALL BE RATED 480 VOLT AC, 2 POLE, 3 WIRE, 200 AMP, FUSED AT 200 AMP WITH SOLID NEUTRAL IN A NEMA 4X STAINLESS STEEL ENCLOSURE HAVING A LOCKABLE EXTERNAL HANDLE IN THE ON AND OFF POSITIONS. SEE DRAWING ME-03 FOR ADDITIONAL DETAILS.
11. NO COUNTER WEIGHTS SHALL BE INSTALLED ON THE HIGH MAST TOWER RINGS TO BALANCE THE ASSEMBLIES. THE HIGH MAST LUMINAIRES MUST BE INSTALLED ON THE MOUNTING RINGS IN A CONFIGURATION THAT WILL BALANCE THE RING WITHOUT THE NEED FOR COUNTER WEIGHTS.
12. ELECTRIC CABLE ASSEMBLIES INSTALLED IN 4-INCH PVC CONDUIT SLEEVES PUSHED OR BORED UNDER PAVEMENT SHALL BE MEASURED AND PAID FOR UNDER THE "ELECTRIC CABLE ASSEMBLY IN TRENCH, 600V, (EPR-TYPE-TC) 2/C NO. 2 AND NO. 4 GROUND" PAY ITEM.
13. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL UNDERGROUND ELECTRIC CABLE AND ELECTRIC CONDUCTORS IN CONDUIT OWNED AND MAINTAINED BY IDOT, WHICH ARE IN POSSIBLE CONFLICT WITH CONSTRUCTION OPERATIONS, TO PROTECT THEM FROM DAMAGE PER SECTION 803 OF THE STANDARD SPECIFICATIONS.
14. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL UNDERGROUND UTILITIES (STORM WATER, WATER, GAS, SEWER, STEAM, ETC.) OWNED AND MAINTAINED BY IDOT, WHICH ARE IN POSSIBLE CONFLICT WITH CONSTRUCTION OPERATIONS, TO PROTECT THEM FROM DAMAGE PER THE "LOCATING UNDERGROUND UTILITIES" SPECIAL PROVISION.
15. AMEREN WILL BE CONSTRUCTING METERING POINTS AS SHOWN. THE CONTRACTOR'S COORDINATION WITH AMEREN ON THIS WORK SHALL BEGIN IMMEDIATELY UPON THE BEGINNING OF THIS CONTRACT BY CONTACTING LANGSTON ROSE AT 618-482-2238 AND REFERENCING AMEREN JOB #31ES045145. THE COST OF THIS COORDINATION SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. AMEREN'S COST TO INSTALL METERING POINTS AND SERVICE CONNECTIONS WILL BE PAID FOR ACCORDING TO SECTION 109.04.
16. COORDINATE THE INSTALLATION OF THE PROPOSED ELECTRICAL CONDUIT RUNS ROUTED DOWN THE BRIDGE PIERS WITH THE PROPOSED DRAINAGE DESIGN IN CONTRACTS 76C75 AND 76C76. PROPOSED CONDUIT RUNS ARE SHOWN TO BE INSTALLED ON PIERS WITH DRAINAGE PIPES. THE CONDUITS SHALL BE INSTALLED ON THE OPPOSITE FACE/SIDE OF THE PIER TO AVOID CONFLICTS WITH THE DRAINAGE PIPES. THE FOLLOWING ARE POSSIBLE LOCATIONS WHERE CONFLICTS MAY OCCUR:
 - STRUCTURE 082-0322, PIER 5
 - STRUCTURE 082-0322, PIER 6
 - STRUCTURE 082-0323, PIER 1
 - STRUCTURE 082-0324, PIER 6

THERE MAY BE ADDITIONAL LOCATIONS WHERE CONFLICTS MAY EXIST. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHICH CONDUIT RUNS ARE AFFECTED AND MAKE THE NECESSARY ADJUSTMENTS TO THE CONDUIT INSTALLATIONS TO AVOID THE DRAINAGE PIPES AT NO COST TO IDOT.

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	PLOT SCALE = 1.0000' / 1in.	DRAWN - TL	REVISED -				SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C54
	PLOT DATE = 5/3/2011	CHECKED - JPC	REVISED -										
		DATE - JANUARY 4, 2011	REVISED -										