

GENERAL NOTES:

1. ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
2. EXISTING LIGHT POLES AND FOUNDATIONS TO BE REMOVED, AND ALL ASSOCIATED HARDWARE AND APPURTENANCES, SHALL NOT BE SALVAGED BUT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.
3. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
4. CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL CONFLICTS BETWEEN PROPOSED LIGHT POLE LOCATIONS AND UTILITY LINES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE APPLICABLE UNDERGROUND CONDUIT OR UNIT DUCT PAY ITEM.
6. PROPOSED LIGHT POLES ARE TO BE INSTALLED AT A 15 FEET SETBACK FROM THE EDGE OF TRAVELED PAVEMENT OR 5 FEET BEHIND THE GUARDRAIL UNLESS NOTED OTHERWISE ON THE PLANS. NO POLES TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE INCREASED IF NECESSARY AS DIRECTED BY THE ENGINEER.
7. NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LIGHTING SYSTEM UNTIL IDOT HAS TAKEN ACCEPTANCE OF THE SYSTEM. ALL EXISTING CIRCUITS AND CABLES TO THE LIGHT POLES SHALL BE MAINTAINED AS NEEDED AND THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
9. BREAKAWAY DEVICES SHALL NOT BE INSTALLED FOR POLES LOCATED BEHIND THE GUARDRAIL OR MOUNTED ON BRIDGE PARAPET WALLS.
10. UNDERGROUND COILABLE NON-METALLIC CONDUIT SHALL BE SCHEDULE 80.
11. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. AFTER UNIT DUCT IS INSTALLED, FOUNDATIONS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. WASHERS USED TO INSTALL THE POLE SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE. THE VOIDS ON THE BOTTOM SIDE OF THE ALUMINUM POLE BASE MUST BE SEALED FROM RODENT ENTRY WITH STAINLESS STEEL SCREEN.

LIGHTING SCHEDULE OF QUANTITIES

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| 80400100 | ELECTRIC SERVICE INSTALLATION | 1 | EA |
| 81028200 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | 10 | FT |
| 81028750 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA. | 500 | FT |
| 81200230 | CONDUIT EMBEDDED IN STRUCTURE, 2" DIA, PVC | 200 | FT |
| 81300550 | JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6" | 4 | EA |
| 81603000 | UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE | 3,000 | FT |
| 81702120 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8 | 1,500 | FT |
| 82102250 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT | 8 | EA |
| 82500340 | LIGHTING CONTROLLER, PEDESTAL MOUNTED, 480VOLT, 60AMP | 1 | EA |
| 83009600 | LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM | 8 | EA |
| 83600390 | LIGHT POLE FOUNDATION, 30" DIAMETER | 80 | FT |
| 83800205 | BREAKAWAY DEVICE, TRANSFORMER BASE, 15" BOLT CIRCLE | 4 | EA |
| 84200600 | REMOVAL OF LIGHTING UNIT, NO SALVAGE | 10 | EA |
| 84200804 | REMOVAL OF POLE FOUNDATION | 6 | EA |
| 84500110 | REMOVAL OF LIGHTING CONTROLLER | 1 | EA |
| 84500120 | REMOVAL OF ELECTRIC SERVICE INSTALLATION | 1 | EA |
| X8110522 | CONDUIT ATTACHED TO STRUCTURE, 2" DIA. STAINLESS STEEL | 50 | FT |
| X8410102 | TEMPORARY LIGHTING SYSTEM | 1 | LSUM |

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L1

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| FILE NAME : | USER NAME : | DESIGNED : | REVISED : | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-74 & I-55 BUSN /VETERAN'S PARKWAY PROPOSED LIGHTING PLANS | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pwworkspace\detersbj\10157116\10578 | detersbj | MAP | - | | | 704 | 57-20XHS,HB-1BR-1 | MCLEAN | 440 | 145 | |
| *MODEL NAME: | 7D-shr-lighting.dgn | DRAWN : | REVISED : | | | SCALE: SHEET 1 OF 9 SHEETS STA. TO STA. | | CONTRACT NO. 7050 | | | |
| | PLD SCALE = 1/8"=1'-0" | CHECKED : | REVISED : | | | ILLINOIS FED. AID PROJECT | | | | | |
| | PLOT DATE = 8/13/2013 | DATE : | REVISED : | | | | | | | | |