








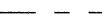
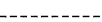






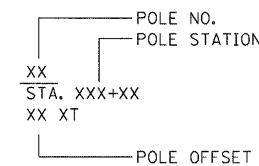
**NOTES:**

- ALL PROPOSED LIGHTING UNITS SHALL BE LABELED WITH POLE NUMBERS. LIGHTING UNIT NUMBERING AND ATTACHMENT METHOD SHALL BE AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- THE PROPOSED DECORATIVE LIGHT POLES SHALL BE INSTALLED, AS NOTED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. LIGHT POLE FOUNDATIONS ON THE BRIDGE SHALL BE INSTALLED PER THE DETAILS SHOWN IN THE PLANS. LIGHT POLE FOUNDATIONS IN GRADE SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. PVC CONDUIT SWEEPS IN AND OUT OF THE FOUNDATIONS SHALL BE LARGE RADIUS TYPE AND PROVIDED AS SHOWN ON THE PLANS. A STAINLESS STEEL SCREEN SHALL BE INSTALLED TO SEAL THE OPENING BELOW THE POLE BASE FROM RODENT ENTRY.
- THE PROPOSED DECORATIVE LIGHT POLES SHALL BE POWDER COAT PAINTED BLACK.
- 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 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.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE "TRENCH AND BACKFILL FOR ELECTRICAL WORK" PAY ITEM.
- ALL EXISTING LIGHT POLES SHALL OPERATE FROM DUSK TO DAWN DAILY FOR THE DURATION OF THIS PROJECT. SPECIFIC LIGHT POLES SHALL BE REMOVED OR RELOCATED PER THE PLANS BY THE CONTRACTOR DURING SPECIFIC STAGES OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
- CONTRACTOR SHALL FIELD VERIFY ALL INFORMATION AND UTILITIES SHOWN ON THE PLANS.

**ELECTRICAL SYMBOLS**

-  EXISTING LIGHTING UNIT
-  EXISTING LIGHTING UNIT TO BE REMOVED
-  EXISTING LIGHTING UNIT: LIGHT POLE, DIRECT EMBEDDED CONCRETE, TO BE RELOCATED
-  EXISTING LIGHTING UNIT TO BE USED AS TEMPORARY
-  EXISTING LIGHTING CONTROLLER USED AS TEMPORARY
-  AERIAL CABLE, 2-1/2 NO. 4, WITH MESSENGER WIRE
-  DECORATIVE LIGHT AND POLE - TYPE SA: LIGHT POLE, STEEL, 21 FT. M.H., TWIN 20.5 IN. MAST ARMS, 70W HPS LUMINAIRES S-C-III, MOUNTED ON BARRIER WALL
-  DECORATIVE LIGHT AND POLE - TYPE SB: LIGHT POLE, STEEL, 21 FT. M.H., TWIN 20.5 IN. MAST ARMS, 70W HPS LUMINAIRES S-C-III, GROUND MOUNTED
-  CONDUIT IN TRENCH, (MATERIAL AND DIA. AS NOTED)
-  CONDUIT ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL
-  CONDUIT EMBEDDED IN STRUCTURE, 2" DIA. PVC
-  EXISTING ELECTRIC UTILITY SERVICE POLE
-  PROPOSED LIGHTING CONTROLLER
-  PROPOSED HANDHOLE, COMPOSITE CONCRETE
-  LIGHT POLE, WOOD, 40 FOOT, CLASS 3

**POLE DESIGNATION SCHEME**



**SCHEDULE OF QUANTITIES**

DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
CONDUIT IN TRENCH, 3 " DIA., GALVANIZED STEEL	FOOT	380
CONDUIT IN TRENCH, 4 " DIA., GALVANIZED STEEL	FOOT	280
CONDUIT IN TRENCH, 2 " DIA., PVC	FOOT	331
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	10
CONDUIT ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL	FOOT	2054
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	2190
HANDHOLE, COMPOSITE CONCRETE	EACH	3
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	3193
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	6386
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	9406
AERIAL CABLE, 2-1/2 NO. 4, WITH MESSENGER WIRE	FOOT	1008
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	641
LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP (DUAL)	EACH	1
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	25
REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	6
RELOCATE LIGHTING UNITS AND POLES	EACH	1
DECORATIVE LIGHT AND POLE - TYPE SA - LIGHT POLE, SPECIAL *	EACH	30 35
DECORATIVE LIGHT AND POLE - TYPE SB	EACH	5
MAINTENANCE OF TEMPORARY LIGHTING SYSTEM	L SUM	1
LIGHT POLE, WOOD, 40 FOOT, CLASS 3	EACH	2

\* LIGHT POLE, SPECIAL: 30 POLES TYPE SA, 5 POLES TYPE SB

USER NAME = dwozniarski	DESIGNED - AM	REVISED -
	DRAWN - YJ	REVISED -
PLOT SCALE = 50,0000 "/ IN.	CHECKED - GR	REVISED -
PLOT DATE = 7/14/2011	DATE - 04-18-2011	REVISED -

SCALE:	SHEET NO. 1 OF 12 SHEETS	F.A.P. RTE. 646	SECTION 1B-2	COUNTY WHITESIDE	TOTAL SHEETS 257	SHEET NO. 92
		FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				
		CONTRACT NO. 64B80				