

GENERAL NOTES

1. CONTRACTOR TO CONNECT AERIAL CABLE TO EXISTING LIGHTING CONTROLLER AND RUN UP WOOD SUPPORT POLE, EXTEND TO WOOD LIGHT POLES SHOWN TO FEED TEMPORARY STREET LIGHTS EAST AND WEST.
2. CONTRACTOR SHALL MAINTAIN POWER TO EXISTING LIGHT POLES DESIGNATED AS 'E' UNTIL COMPLETION OF CONSTRUCTION PHASE I, FROM EXISTING LIGHTING CONTROLLERS UNLESS NOTED OTHERWISE INDICATED ON PLANS.
3. CONTRACTOR SHALL DISCONNECT EXISTING CIRCUITS SERVING LIGHT POLES DESIGNATED AS "R" FROM EXISTING CONTROLLER.
4. USE THE AVAILABLE CIRCUITS IN EXISTING CONTROLLERS TO FEED TEMPORARY ROADWAY LIGHTS. CONNECT LIGHTS TO ALTERNATE PHASES. I.e. L1-N, L2-N.
5. CONTRACTOR SHALL REMOVE EXISTING MAST ARMS AND LUMINAIRES DESIGNATED AS ~~(R)~~ THESE FIXTURES ARE PART OF THE VILLAGE SYSTEM AND SHOULD BE RETURNED TO THE VILLAGE.
6. CONTRACTOR SHALL COORDINATE THE LOCATIONS OF WOOD LIGHT POLES WITH THE PROPOSED POLE LOCATIONS SUCH THAT REMOVAL/RELOCATION OF THE TEMPORARY INSTALLATION IS NOT REQUIRED AT THE TIME OF PROPOSED POLE INSTALLATION.
7. ALL THE ALUMINUM LIGHT POLES SHOULD BE PROVIDED WITH LUMINAIRE SAFETY CABLE ASSEMBLY.
8. CONTRACTOR SHALL USE EXISTING POLES TO SUPPORT TEMPORARY AERIAL CABLE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL TEMPORARY LIGHTING WITHIN THE PROJECT LIMITS FOR THE ENTIRE DURATION OF THE PROJECT. ANY DAMAGE INCURRED DURING CONSTRUCTION SHALL BE PROMPTLY REPAIRED SO SERVICE IS NOT DISRUPTED. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS.
10. LOCATIONS OF WOOD LIGHT POLES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
11. RELOCATION OF THE EXISTING LIGHTING CONTROLLER, IF REQUIRED SHALL BE ACCOMPLISHED IN ONE DAY SO THAT LIGHTING FOR THE INTERSECTION IS NOT INTERRUPTED. ALL AERIAL WIRING AND SERVICE CONNECTIONS SHALL BE IN-PLACE PRIOR TO ACTUAL RELOCATION OF THE CONTROLLER.
12. TEMPORARY LIGHTING WHICH WILL NOT REMAIN UPON PROJECT COMPLETION SHALL BE REMOVED ONCE THE PERMANENT LIGHTING IS INSTALLED AND OPERATIONAL. REMOVAL OF THE AERIAL CABLE AND TEMPORARY WOOD POLE SHALL BE PAID FOR AS "REMOVAL OF TEMPORARY LIGHTING UNITS". REMOVAL OF THE EXISTING LIGHTING POLES AND LUMINAIRES SHALL BE PAID FOR AS "REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE". SEE PLAN SHEETS FOR SPECIFIC LIGHTING STATUS.
13. SETBACKS FOR POLES SHALL BE FROM THE BACK OF CURB UNLESS OTHERWISE NOTED ON THE PLANS.
14. CONTRACTOR SHALL SPLICE AERIAL CABLE AT LOCATIONS INDICATED TO PERMIT INDICATED CIRCUIT TO BRANCH INTO SIDE STREET.
15. CONTRACTOR TO INTERCEPT THE CIRCUIT FROM THE LIGHTING CONTROLLER TO THE EXISTING LIGHTING POLE AND TERMINATE THE SAME ON THE NEW WOOD LIGHT POLE. IF THIS CABLE IS NOT LONG ENOUGH, INSTALL NEW CABLE FROM THE EXISTING CONTROLLER TO THE WOOD LIGHT POLE. REMOVE THE OLD CABLE AND DISPOSE OFF PER CONTRACTUAL REQUIREMENTS.
16. NOT USED.
17. UNLESS OTHERWISE NOTED, POWER CABLES TO THE EXISTING POLES SHALL BE FED FROM THE EXISTING LIGHTING CONTROLLER. CONTRACTOR TO VERIFY THE CIRCUITRY PRIOR TO MAKING ANY CHANGES.
18. NOT USED.
19. CONTRACTOR SHALL DISCONNECT THE POLE WIRES ONLY AT THE FUSES, LEAVING THE OTHER CIRCUITRY IN TACT TO ENSURE THAT CONTINUITY OF POWER TO THE SUCCEEDING AND PRECEDING POLES IS NOT DISRUPTED.
20. UNLESS NEW CABLE CONNECTIONS /MODIFICATIONS ARE SHOWN ON THE TEMPORARY LIGHTING PLANS, CONTRACTOR SHALL VERIFY THE EXISTING CIRCUITRY AND MAINTAIN CONTINUITY OF POWER FOR ALL THE EXISTING POLES.
21. IF THE EXISTING LIGHTING POLE IS FED FROM A CONTROLLER LOCATED ON A SIDE STREET, LEAVE THE CIRCUITRY "AS IS" FOR USE AS TEMPORARY LIGHTING FOR U.S. ROUTE 6.
22. AERIAL CABLE WHEN USED SHALL BE SECURELY ATTACHED TO EACH LIGHTING POLE. DRILLING INTO THE POLE WILL NOT BE PERMITTED. THE MOUNTING HEIGHT OF THE ATTACHMENT SHALL BE CONSISTENT WITH THE MOUNTING HEIGHT OF THE AERIAL CABLE ON THE TEMPORARY WOOD POLES. THE AERIAL CABLES COMING DOWN THE LIGHTING POLE TO THE HANDHOLE SHALL BE SECURELY ATTACHED TO THE POLE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCIDENTAL TO THE COST OF THE AERIAL CABLE.
23. REFER TO PLANS FOR LOCATIONS OF TEMPORARY SERVICE WOOD POLES AND TO SHEET 415 FOR DETAILING.

174

SUMMARY OF QUANTITY
US ROUTE 6 FROM I-294 TO HALSTED STREET
JOB NO. D-91-249-99

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2
82102310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	23
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	19
82107100	UNDERPASS LUMINAIRE 70 WATT, HIGH PRESSURE SODIUM VAPOR.	EACH	48
84100110	REMOVAL OF TEMPORARY LIGHTING UNITS	EACH	4
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	30
M8100060	CONDUIT IN TRENCH, 50MM DIA., GALVANIZED STEEL	METER	1610.0
M8101060	CONDUIT PUSHED, 65MM DIA., GALVANIZED STEEL	METER	327.0
M8110160	CONDUIT ATTACHED TO STRUCTURE, 50MM DIA., GALVANIZED STEEL	METER	60.0
M8130130	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE 200MMX150MMX100MM	EACH	48
M8130223	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE 400MMX350MMX150MM	EACH	8
M8160400	UNIT DUCT, WITH 3-1/2 NO. 4 AND 1/2 NO. 6 GROUND, 600V (EPR-TYPE RHW), 30MM DIA., POLYETHYLENE	METER	1640.0
M8160415	UNIT DUCT, WITH 3-1/2 NO. 2 AND 1/2 NO. 4 GROUND, 600V (EPR-TYPE RHW), 40MM DIA., POLYETHYLENE	METER	1402.0
M8170405	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/2 NO. 2	METER	204.0
M8170410	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/2 NO. 4	METER	68.0
M8170415	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/2 NO. 6	METER	210.0
M8170425	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/2 NO. 10	METER	2480.0
M8170485	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 3-1/2 NO. 10	METER	3480.0
M8170805	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 3-1/2 NO. 2	METER	180.0
M8180120	AERIAL CABLE, 3-1/2 NO. 2 WITH MESSENGER WIRE	METER	4020.0
M8190200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	8210.0
M8305020	LIGHT POLE, ALUMINUM, 14.5M M.H., 2.5M MAST ARM	EACH	19
M8307290	LIGHT POLE, WOOD, 15.24 METER, CLASS 4	EACH	4
M8307300	LIGHT POLE, WOOD, 15.24 METER, CLASS 4, 4.5 METER MAST ARM	EACH	19
M8360100	LIGHT POLE FOUNDATION, 600MM DIAMETER	METER	612.0
M8380095	BREAKAWAY DEVICE, TRANSFORMER BASE, 381MM BOLT CIRCLE	EACH	19
MX030207	CONDUIT ATTACHED TO STRUCTURE, 50MM DIA. GALVANIZED STEEL, PVC COATED	METER	95.0
MX030208	CONDUIT ATTACHED TO STRUCTURE, 65MM DIA. GALVANIZED STEEL, PVC COATED	METER	12.0
MX030300	CONDUIT ATTACHED TO STRUCTURE, 25MM DIA. GALVANIZED STEEL, PVC COATED	METER	617.0
MX030465	25 MM PVC COATED FLEXIBLE LIQUID TIGHT METALLIC CONDUIT	METER	24.0
MX816065	UNIT DUCT, WITH 3-1/2 NO. 6 AND 1/2 NO. 6 GROUND, 600V (EPR-TYPE RHW), 25MM DIA., POLYETHYLENE	METER	5700.0
X0324387	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	23
X8250085	ELECTRIC UTILITY SERVICE CONNECTION	EACH	1
X8410118	LIGHTING CONTROLLER, DUPLEX CONSOLE TYPE	EACH	2
X8950080	MAINTENANCE OF TEMPORARY LIGHTING SYSTEM	L SUM	1
XX005978	REMOVE EXISTING LIGHTING CONTROLLER	EACH	1
XX006937	GROUND ROD SYSTEM INSTALLATION	EACH	25
XX006937	GROUND ROD, 5/8" DIA. X 10 FT	EACH	25

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
351	2008-001VB	COOK	579 190
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		60210

DRAWING No. E-1

REVISIONS	
NAME	DATE
URS Corp	2/15/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1
GENERAL NOTES & SUMMARY OF QUANTITY

DRAWN BY S.S./W.S.
 CHECKED BY C.K./H.S.
 DATE 12/12/07