

SUMMARY OF QUANTITIES

GENERAL NOTES

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE Y030-1E		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	I-064 State-100%		
81100582	CONDUIT ATTACHED TO STRUCTURE, 1 1/4" DIA., ALUMINUM	FOOT	6	6		
25000200	SEEDING, CLASS 2	ACRE	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
67100100	MOBILIZATION	L SUM	1	1		
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1		
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		
80300100	LOCATING UNDERGROUND CABLE	FOOT	17250	17250		
80400100	ELECTRIC SERVICE INSTALLATION	EACH	3	3		
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1643	1643		
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	117	117		
81300310	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 6" X 4"	EACH	4	4		
81306500	REMOVE EXISTING JUNCTION BOX	EACH	4	4		
81603035	UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	19780	19780		
81702415	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6	FOOT	1625	1625		
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	15770	15770		
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	82	82		
82107300	UNDERPASS LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	14	14		
82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP.	EACH	3	3		
83009100	LIGHT POLE, ALUMINUM, 45 FT. M.H., 4 FT. MAST ARM	EACH	5	5		
83024300	LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 50 FT. M.H., 8 FT. MAST ARM	EACH	77	77		
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	96	96		
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	3	3		
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	3	3		
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4075	4075		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		

1. NEW SPLICES, FUSES, FUSE HOLDERS, AND SURGE PROTECTION SHALL BE PROVIDED AND INSTALLED FOR ALL LUMINAIRES BEING REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE LUMINAIRE.
2. ALL LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, ARTICLE 1069.06. LIGHTING UNIT NUMBERS, WATTAGE, AND VOLTAGE SHALL BE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
4. ALL LUMINAIRES SHALL BE SALVAGED AND DELIVERED TO THE IDOT MAINTENANCE FACILITY IN ACCORDANCE WITH SECTION 842 OF THE STANDARD SPECIFICATION UNLESS NOTED OTHERWISE. THE LOCATION OF THE IDOT MAINTENANCE FACILITY IS 9601 ST. CLAIR AVE., FAIRVIEW HEIGHTS, IL. LUMINAIRES SHALL BE CRATED IN CONTAINERS ACCEPTABLE TO THE ENGINEER. LIGHT POLES SHALL NOT BE SALVAGED BUT SHALL BE REMOVED FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE.
5. COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION/INTELLIGENT TRANSPORTATION SYSTEM/TRAFFIC SIGNAL AND TO COORDINATE OTHER FIELD ACTIVITIES. ANY DAMAGE OCCURRED TO SUCH FACILITIES DUE TO THE CONSTRUCTION ACTIVITIES, THE REPAIR SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
6. IN ACCORDANCE WITH THE IDOT-IEPA "AGREEMENT ON MICRO SCALE AIR QUALITY ASSESSMENTS FOR IDOT SPONSORED TRANSPORTATION PROJECTS", THIS IS EXEMPT FROM A PROJECT-LEVEL CARBON MONOXIDE AIR QUALITY ANALYSIS BECAUSE IT DOES NOT ADD THROUGH LANES OR AUXILIARY TURNING LANES.
7. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - * AMEREN CIPS (GAS)
 - * AMEREN UE (ELECTRIC)
 - * AT&T ILLINOIS (COMM)
 - * BUCKEYE PARTNERS L.P.-WOOD RIVER PIPE LINE
 - * CENTER POINT ENERGY (PIPE LINE)
 - * CITY OF EAST. ST. LOUIS (LIGHTING)
 - * ILLINOIS AMERICAN WATER CO. (WTR)
 - * MEDIACOM (CABLE T.V.)
 - * METRO (COMM.)
 - * VILLAGE OF WASHINGTON PARK (SAN. SEWER)

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY " * ". NON-JULIE MEMBERS MUST BE NOTIFIED INDIVIDUALLY)
8. THE INSIDE EDGE OF THE TRENCH UNDER THE PAY ITEM TRENCH AND BACKFILL FOR ELECTRICAL WORK SHALL BE TWO FEET OR MORE FROM THE EXISTING PAVEMENT, CURB AND GUTTER, STABILIZED SHOULDER, OR SIDEWALK.
9. BRIDGE PARAPET MOUNTED LIGHT POLES SHALL BE "ANCHOR BASE" AND SHALL BE PROVIDED WITH VIBRATION ISOLATION MOUNTING PADS ACCORDING TO ARTICLE 1069.07 OF THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE PLAN DETAILS. A STAINLESS STEEL SCREEN SHALL BE INSTALLED TO SEAL THE OPENING BELOW THE POLE BASE FROM RODENT ENTRY. LIGHT POLE # 58, 60, AND 100 ARE MOUNTED ON THE BRIDGE PARAPET.
10. LIGHT POLES MOUNTED ON A WALL BRACKET ^{FOR NEW WALL} SHALL BE INSTALLED FLUSH TO THE MOUNTING BRACKET. SHIMS, IF NEEDED, SHALL BE STAINLESS STEEL. A LIGHT POLES # 55 IS MOUNTED ON THE BRACKET. ^{FOR WINDWALL}
11. ALL 400 WATTS LUMINAIRES SHALL HAVE TYPE III MEDIUM DISTRIBUTION WITH FULL-CUT OFF, UNLESS NOTED. THE COST SHALL BE INCLUDED WITH LUMINAIRE, SODIUM VAPOR, HORIZ. MT., 400 WATTS.
12. PROPOSED LIGHTING CONTROLLER #2, #3, AND #5 SHALL BE INSTALLED ON EXISTING FOUNDATIONS. THE CONTRACTOR SHALL UTILIZE NEW STAINLESS STEEL MOUNTING HARDWARE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
13. A PHOTOCCELL FOR CONTROLLER #3 SHALL BE MOUNTED EXTERNALLY ON 1" GSC CONDUIT, 12" (MIN.) ABOVE THE CABINET. THE COST SHALL BE INCLUDED WITH THE LIGHTING.
14. A PHOTOCCELL FOR CONTROLLERS #2 AND #5 SHALL BE MOUNTED ON THE EXISTING CONDUIT AT THE SERVICE POLE. THE COST SHALL BE INCLUDED WITH ELECTRIC SERVICE INSTALLATION.
15. THE EXISTING SERVICE INSTALLATION FOR CONTROLLER # 3 SHALL BE REMOVED AND REPLACED. EXISTING TRANSFORMER AND SECONDARY CONNECTION BOX SHALL BE RELOCATED TO A NEW SERVICE POLE. THE COST SHALL BE INCLUDED WITH "ELECTRIC SERVICE INSTALLATION".
16. AMEREN UE APPROVAL IS REQUIRED FOR SERVICE POLE LOCATION AND POLE SIZE PRIOR TO CONSTRUCTION. THE POLE SHALL NOT EXCEED 28 FEET ABOVE GROUND.
17. THE CONTRACTOR SHALL VERIFY THAT MOUNTING HOLES IN BASE PLATE OF THE PROPOSED LIGHT POLE SHALL MATCH WITH ANCHORS IN THE EXISTING FOUNDATION. IF REPAIR IS NECESSARY, IT SHALL BE TO THE SATISFACTION OF THE ENGINEER AND AT THE CONTRACTOR'S EXPENSE.
18. THE FOLLOWING PROJECTS ARE ANTICIPATED TO BE UNDER CONSTRUCTION AT THE SAME TIME.
 - FAI ROUTE 64, SECTION: DIST. 8 ITS 2010-1, ST. CLAIR COUNTY AND
 - FAI ROUTE 64, SECTION: DIST 8 ITS 2010-3, ST. CLAIR COUNTY
 - FAI ROUTE 64, SECTION: 82-2VB-2, ST. CLAIR COUNTY

COOPERATION BETWEEN CONTRACTORS SHALL BE AS PER ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS.

TRAFFIC CONTROL & PROTECTION SCHEDULE

STANDARD	LOCATION
701406	BRIDGE OVER NS & TRRA R.R. (LT# 58 & 60)
701456	BOUGH AVE. RAMP AND 25TH ST. RAMP TO I-64 (EB)
701601	25TH ST.

COMMITMENTS
ALL EXCAVATED MATERIAL WILL REMAIN ON SITE.