

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN 90% FED./10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		Y032-1F	-----	-----
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	100	100		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
67100100	MOBILIZATION	L SUM	1	1		
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1	1		
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	70	70		
73305000	OVERHEAD SIGN STRUCTURE WALKWAY	FOOT	36	36		
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	21.7	21.7		
80300100	LOCATING UNDERGROUND CABLE	FOOT	100	100		
80500100	SERVICE INSTALLATION, TYPE A	EACH	1	1		
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	115	115		
81702500	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4/C NO. 6	FOOT	110	110		
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	110	110		
86300305	CONTROLLER CABINET TYPE III, SPECIAL	EACH	1	1		
87800210	CONCRETE FOUNDATION, TYPE D (SPECIAL)	FOOT	3.5	3.5		
X0323228	FURNISH AND INSTALL TRUSS DAMPER	EACH	1	1		
X0325470	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., ALUMINUM	FOOT	120	120		
X7015015	TRUSS MOUNTED CHANGEABLE MESSAGE SIGNS	EACH	1	1		
X0325922	CELLULAR MODEM	EACH	1	1		
X2010510	CLEARING AND GRUBBING	L SUM	1	1		
X7010600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406, SPECIAL	L SUM	1	1		
X8100065	CONDUIT IN TRENCH, 4" DIA., PVC TYPE C	FOOT	15	15		
B1400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	1		
B1012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	80	80		

GENERAL NOTES

1. ALL MATERIALS SUPPLIED SHALL CONFORM TO SECTION 106 OF THE STANDARD SPECIFICATIONS FOR CONTROL OF MATERIALS.
2. THE CONTROLLER CABINETS SHALL BE UNPAINTED ALUMINUM SHEET METAL UNLESS OTHERWISE SPECIFIED ON THE PLANS.
3. UNDERGROUND CABLE MARKING TAPE SHALL BE INSTALLED WITH ALL TRENCH AND BACKFILL FOR ELECTRICAL WORK IN ACCORDANCE WITH ARTICLES 819.05 AND 1066.05 OF THE STANDARD SPECIFICATIONS.
4. A 1/4" DIA. NYLON ROPE SHALL BE INSTALLED IN ALL CONDUIT RUNS. THE COST OF PULL ROPE SHALL BE INCLUDED IN THE PROPOSED ELECTRIC CABLE INSTALLATION AND OR FIBER OPTIC IN THAT CONDUIT.
5. ALL GROUND RODS SUPPLIED FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH ARTICLE 1087.01 EXCEPT THAT THEY SHALL BE 3/4" DIAMETER X 12'-0" LONG. ALL CONNECTIONS TO GROUND RODS SHALL BE MADE VIA EXOTHERMIC WELD. COMPRESSION CLAMPS WILL NOT BE ALLOWED.
7. COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION/ITS FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES.
8. BENDING RADIUS OF FIBER OPTIC CABLE SHALL NOT EXCEED SIX (6) INCHES.
9. NO OVERNIGHT PERMANENT LANE CLOSURES SHALL BE PERMITTED ON THIS PROJECT.

THE CONTRACTOR SHALL GIVE THE ENGINEER TWO (2) WEEKS NOTICE PRIOR TO ANY INTERSTATE ROADWAY LANE CLOSURE.
10. ANY GROUND AREA THAT THE CONTRACTOR COMPACTS OR DISTURBS SHOULD BE SEEDED AT THE END OF EACH WEEK WITH CLASS 7 TEMPORARY EROSION CONTROL SEEDING W/MULCH PER APPLICABLE PORTIONS OF SECTION 250 OF THE STANDARD SPECIFICATIONS. FOR PERMANENT SEEDING USE CLASS 2 LAWN MIXTURE IN EAST SAINT LOUIS CITY LIMITS OR CLASS 2 ROADSIDE MIXTURE ALONG THE INTERSTATE.

THE PRICE FOR THIS SEEDING SHALL BE INCLUDED IN THE UNIT COST FOR THE PAY ITEM ASSOCIATED WITH THE GROUND AREA COMPACTION OR DISTURBANCE.(I.E DRILLED SHAFT CONCRETE FOUNDATION TRENCH AND BACKFILL FOR ELECTRICAL WORK, CONCRETE FOUNDATION, TYPE DISPECIAL, ETC.)
11. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO 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:
(MEMBER OF J.U.L.I.E. (800-892-0123) ARE INDICATED BY "•". NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

 - AMEREN CIPS (ELECTRIC & GAS)
 - AT & T ILLINOIS (COMMUNICATIONS)
 - BUCKEYE PARTNERS L.P.-WOODRIVER PIPELINE (PIPELINE)
 - CENTERPOINT ENERGY (PIPELINE)
 - CITY OF EAST ST. LOUIS (LIGHTING)
 - ILLINOIS AMERICAN WATER CO. (WATER)
 - METRO (COMMUNICATIONS)
12. A 9-1-1 ADDRESS MUST BE OBTAINED FROM THE ST. CLAIR COUNTY 9-1-1 COORDINATOR PRIOR TO OBTAINING ELECTRIC/ TELEPHONE SERVICE AT THE PROJECT LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER/TECHNICIAN A MINIMUM OF SIX WEEKS IN ADVANCE OF THE ANTICIPATED DATE THAT ELECTRIC/TELEPHONE SERVICE WILL BE REQUIRED IN ORDER THAT THE NECESSARY ADDRESS CAN BE OBTAINED. IF THERE ARE ANY QUESTIONS REGARDING THE ABOVE, CONTACT THE 9-1-1 COORDINATOR AT 618-277-7316 EXT. 104 FOR ST. CLAIR COUNTY
13. THE CONTRACTOR SHALL PAY SPECIAL ATTENTION TO SECTION 107. "LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC OF THE STANDARD SPECIFICATIONS". IN PARTICULAR 107.01 "LAWS TO BE OBSERVED" AND "107.04 PERMITS AND LICENSES".
14. ALL HANDHOLES SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE PER SECTION 814 OF THE STANDARD SPECIFICATIONS. THE LEGEND ON THE COVER SHALL BE "ITS". SLOPE HANDHOLE TO MATCH FINAL ELEVATION.

TRAFFIC VOLUME SCHEDULE				
LOCATION	YEAR	ADT (ESTIMATED)	SUZ	MUZ
I-64 (25TH ST. TO IL 111)	2010	68,000	2.6	10.2

FIELD EQUIPMENT NUMBERING SYSTEM	
EXAMPLE : 006402.8W.11D	
0064	DESIGNATES HIGHWAY WHERE FIELD EQUIPMENT IS LOCATED.
006402.8	DESIGNATES MILE MARKER WHERE FIELD EQUIPMENT IS LOCATED.
006402.8W	DESIGNATES DIRECTION VIDEO DETECTOR IS MONITORING TRAFFIC OR DIRECTION TRAFFIC IS TRAVELLING TO RECEIVE DMS MESSAGE.
006402.8W.11	NUMBER ASSIGNED TO THAT FIELD EQUIPMENT
006402.8W.11D	A = ALL DIRECTIONS D = VEHICLE DETECTION C = CAMERA (P/T/Z SURVEILLANCE) H = HAR SIGNAGE WITH BEACON R = RADAR DETECTION

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
o:\p\work\1\dot\prestonme\dms79769\0876C64-sht-1stplend.		DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2009	DATE / -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES AND GENERAL NOTES			
SCALE: -----	SHEET NO. ___ OF ___ SHEETS	STA. -----	TO STA. -----

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	DIST 8 'S 2010-3	ST. CLAIR	14	2
CONTRACT NO. 76C64				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

Rev.