

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55/70	82-41-1	ST. CLAIR	19	2

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN 90% FED, 10% STATE	Y032-1E		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES			
X7015012	CHANGEABLE MESSAGE SIGN, SPECIAL	EACH	5	5		
X8710048	OPTICAL ETHERNET TRANSCEIVER	EACH	4	4		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5		
67100100	MOBILIZATION	L SUM	1	1		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	3	3		
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	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	86	86		
73305000	OVERHEAD SIGN STRUCTURE WALKWAY	FOOT	52	52		
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	21.6	21.6		
80300100	LOCATING UNDERGROUND CABLE	FOOT	800	800		
80500100	SERVICE INSTALLATION, TYPE A	EACH	1	1		
80801500	WOOD POLE, 25 FT., CLASS 5	EACH	1	1		
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	50	50		
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	32	32		
81702500	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4/C NO. 6	FOOT	120	120		
86300305	CONTROLLER CABINET TYPE III, SPECIAL	EACH	1	1		
87100110	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6F	FOOT	745	745		
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	80	80		
X7010600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406, SPECIAL	L SUM	1	1		
X7015015	TRUSS MOUNTED CHANGEABLE MESSAGE SIGNS	EACH	1	1		
X8100065	CONDUIT IN TRENCH, 4" DIA., PVC TYPE C	FOOT	6	6		

**GENERAL NOTES**

- ALL MATERIALS SUPPLIED SHALL CONFORM TO SECTION 106 OF THE STANDARD SPECIFICATIONS FOR CONTROL OF MATERIALS.
- THE CONTROLLER CABINETS SHALL BE UNPAINTED ALUMINUM SHEET METAL UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- 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.
- 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.
- 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.
- 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.
- BENDING RADIUS OF FIBER OPTIC CABLE SHALL NOT EXCEED SIX (6) INCHES.
- 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.
- 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 1B 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.)
- 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 IP (GAS)
  - AMEREN UE (ELECTRIC)
  - AT & T ILLINOIS (COMMUNICATIONS)
  - CHARTER COMMUNICATIONS, INC. (CABLE TV)
  - CITY OF EAST ST. LOUIS (SANITARY SEWER)
  - ILLINOIS AMERICAN WATER CO. (WATER)
  - LEVEL 3 COMMUNICATIONS, LLC (COMMUNICATIONS)
  - LIGHTCORE (COMMUNICATIONS)
  - MC LEOD USA TELECOMMUNICATIONS, INC. (COMMUNICATIONS)
  - METRO (COMMUNICATIONS)
  - NETWORKS, 360 (COMMUNICATIONS)
  - QWEST COMMUNICATIONS (COMMUNICATIONS)
  - VERIZON BUSINESS (COMMUNICATIONS)
- 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
- 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".
- FIELD MEASUREMENTS ARE REQUIRED TO VERIFY DIMENSIONS OF EXISTING STRUCTURES PRIOR TO ORDERING MOUNTING HARDWARE.

PLOT DATE = 10/18/2006  
 FILE NAME = c:\p1\electrical\truss\truss.dgn  
 PLOT SCALE = 1000.0000 / IN.  
 REFERENCE = #REF#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES  
 AND GENERAL NOTES**  
 FAP ROUTE 55/70  
 SECTION 82-41-1  
 ST. CLAIR COUNTY  
 DATE 10/18/2006