

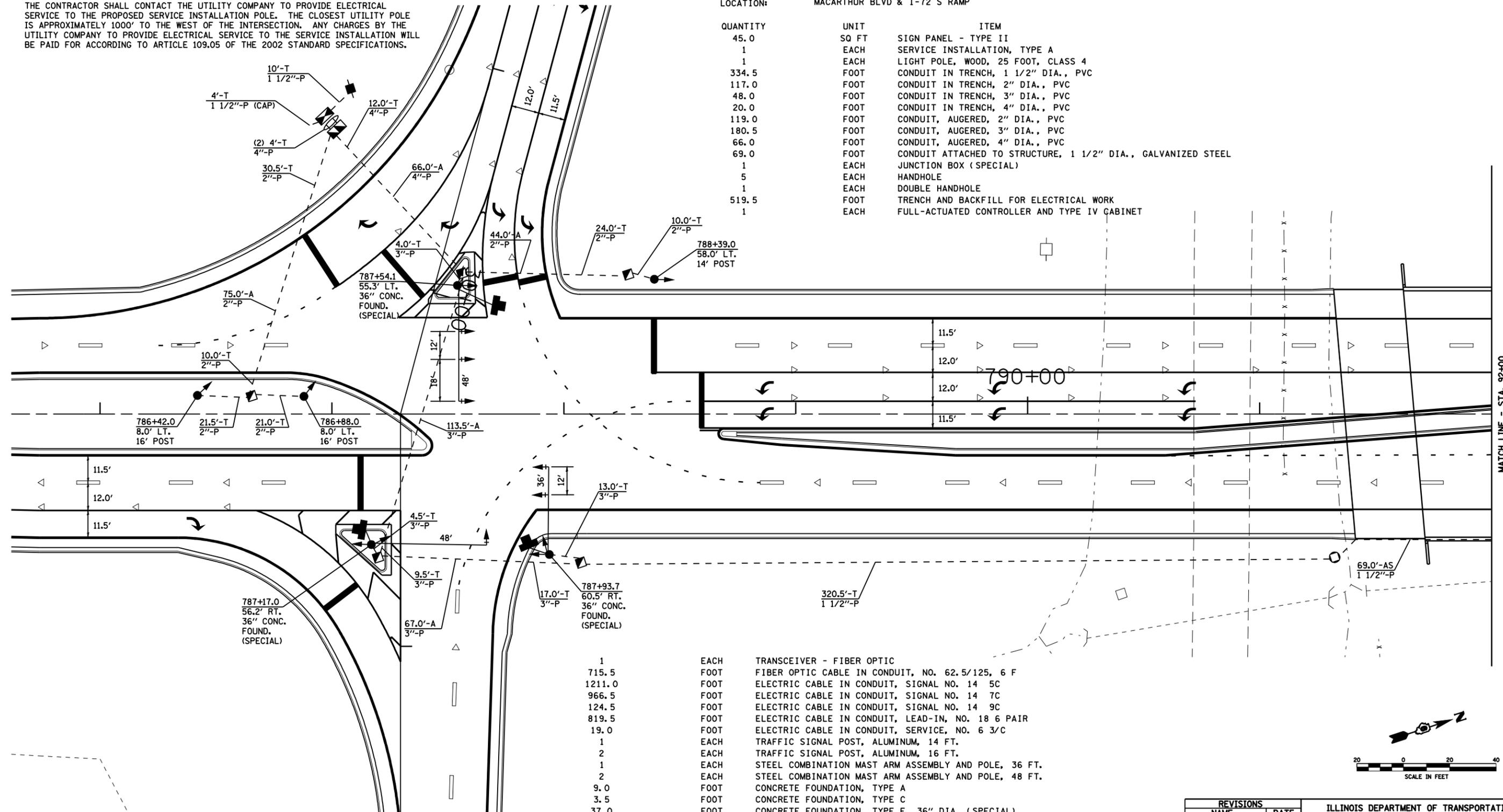
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	425	263
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (84-9)RS-6; (G)Z				

TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER.

THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY TO PROVIDE ELECTRICAL SERVICE TO THE PROPOSED SERVICE INSTALLATION POLE. THE CLOSEST UTILITY POLE IS APPROXIMATELY 1000' TO THE WEST OF THE INTERSECTION. ANY CHARGES BY THE UTILITY COMPANY TO PROVIDE ELECTRICAL SERVICE TO THE SERVICE INSTALLATION WILL BE PAID FOR ACCORDING TO ARTICLE 109.05 OF THE 2002 STANDARD SPECIFICATIONS.

TRAFFIC SIGNAL QUANTITIES

LOCATION:	QUANTITY	UNIT	ITEM
MACARTHUR BLVD & I-72 S RAMP	45.0	SQ FT	SIGN PANEL - TYPE II
	1	EACH	SERVICE INSTALLATION, TYPE A
	1	EACH	LIGHT POLE, WOOD, 25 FOOT, CLASS 4
	334.5	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
	117.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
	48.0	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
	20.0	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
	119.0	FOOT	CONDUIT, AUGERED, 2" DIA., PVC
	180.5	FOOT	CONDUIT, AUGERED, 3" DIA., PVC
	66.0	FOOT	CONDUIT, AUGERED, 4" DIA., PVC
	69.0	FOOT	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL
	1	EACH	JUNCTION BOX (SPECIAL)
	5	EACH	HANDHOLE
	1	EACH	DOUBLE HANDHOLE
	519.5	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET



1	EACH	TRANSCEIVER - FIBER OPTIC
715.5	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6 F
1211.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
966.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
124.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C
819.5	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 6 PAIR
19.0	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3/C
1	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT.
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT.
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 48 FT.
9.0	FOOT	CONCRETE FOUNDATION, TYPE A
3.5	FOOT	CONCRETE FOUNDATION, TYPE C
37.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA. (SPECIAL)
6	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
6	EACH	SIGNAL HEAD, POLYCARBONATE, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, L.E.D., 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, STANDARD
1218.0	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C (GREEN)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNALS
 MACARTHUR BLVD & SOUTH I-72 RAMPS
 SANGAMON COUNTY

SCALE: VERT. DRAWN BY KDA
 HORIZ. CHECKED BY IDOT
 DATE DEC. 2004

Apr-14-2008 09:04:25AM
 #FILES
 LAYOUT IDOT 007/07/06
 DRAWN IDOT 007/07/06
 REVIEWED IDOT 007/07/06