

TRAFFIC SIGNAL SUMMARY OF QUANTITIES

NO.	CODE	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	MANNHEIM RD / ZEMKE BLVD	MANNHEIM RD / HIGGINS RD	MANNHEIM RD / PATTON DR	HIGGINS RD (INTERCONNECT)
1	72000100	SIGN PANEL - TYPE 1	SQ FT	151.50	76.50	60.00	15.00	0
2	72000200	SIGN PANEL - TYPE 2	SQ FT	58.00	33.00	0.00	25.00	0
3	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1	0	0	1	0
4	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,928	882	1403	834	809
5	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	182	61	77	44	0
6	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	283	127	50	106	0
7	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,810	619	907	284	0
8	81400100	HANDHOLE	EACH	18	5	5	6	2
9	81400200	HEAVY-DUTY HANDHOLE	EACH	10	4	4	2	0
10	81400300	DOUBLE HANDHOLE	EACH	6	2	3	1	0
11	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	0	0	1	1
12	86400100	TRANSCIVER - FIBER OPTIC	EACH	2	1	1	0	0
13	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4,213	0	0	0	4,213
14	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	2,079	234	1845	0	0
15	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	3,344	248	3096	0	0
16	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	9,823	4095	3979	1749	0
17	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	3,093	1201	1199	693	0
18	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	14,544	5319	7331	1894	0
19	87301800	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2 C	FOOT	279	0	0	279	0
20	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	301	190	111	0	0
21	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	4,221	1562	1816	843	0
22	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1	0	1	0	0
23	87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	3	0	1	2	0
24	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	8	4	2	2	0
25	87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1	0	0	1	0
26	87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1	0	0	1	0
27	87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1	0	0	1	0
28	87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1	0	0	1	0
29	87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1	1	0	0	0
30	87700330	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1	0	1	0	0
31	87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1	0	1	0	0
32	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	2	2	0	0	0
33	87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1	0	1	0	0
34	87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	1	1	0	0	0
35	87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1	0	1	0	0

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36	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	56	20	20	16	0
37	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	12	4	4	4	0
38	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10	0	0	10	0
39	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	74	41	0	33	0
40	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	105	21	84	0	0
41	87900200	DRILL EXISTING HANDHOLE	EACH	1	0	0	0	1
42	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	31	12	11	8	0
43	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3	0	1	2	0
44	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3	0	1	2	0
45	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7	2	3	2	0
46	88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3	2	1	0	0
47	88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2	2	0	0	0
48	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	9	2	7	0	0
49	88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1	0	1	0	0
50	88200210	TRAFFIC SIGNAL BACKPLATE LOUVERED, ALUMINUM	EACH	38	14	14	10	0
51	88500100	INDUCTIVE LOOP DETECTOR	EACH	47	19	21	7	0
52	88600100	DETECTOR LOOP, TYPE I	FOOT	380	0	0	380	0
53	88600700	PREFORMED DETECTOR LOOP	FOOT	2463	1443	1020	0	0
54	88700200	LIGHT DETECTOR	EACH	4	0	4	0	0
55	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1	0	1	0	0
56	88800100	PEDESTRIAN PUSH-BUTTON	EACH	10	2	8	0	0
57	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1	0	0
58	89100400	ILLUMINATED SIGN, LED	EACH	4	0	4	0	0
59	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2442	0	0	0	2442
60	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	1	1	1	0
61	89502380	REMOVE EXISTING HANDHOLE	EACH	45	12	21	8	4
62	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	14	7	7	0	0
63	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3C	FOOT	1002	0	1002	0	0
64	X8050095	SERVICE INSTALLATION (SPECIAL)	EACH	2	1	1	0	0
65	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2	1	0	1	0
66	X8570231	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1	0	1	0	0
67	X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1	0	0	0	1
68	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	3	1	1	1	0
69	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62 5/125, MM12F SM24F	FOOT	4213	0	0	0	4213
70	Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1	0	0	0	1
71	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	1	1	0	0
72	-	THERMAL VEHICLE DETECTION SYSTEM	EACH	1	0	0	1	0

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USER NAME = rmanucod	DESIGNED JA	REVISED -
PLOT SCALE = *SCALE*	DRAWN RM	REVISED -
PLOT DATE = 11/30/2012	CHECKED HS	REVISED -
	DATE 10/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
SUMMARY OF QUANTITIES
US RTE 12-45 (MANNHEIM RD)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	0105-WRS	COOK	537	234
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.