

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(1)N & TS-1	McLean	497	250
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 70514

BILL OF MATERIALS - TRAFFIC SIGNALS

ITEM	UNIT	TOTAL QUANTITY	VETERANS PKWY. & MORRIS AVE	MORRIS AVE & SIX POINT RD	VETERANS PKWY. & GREENWOOD	INTERCONNECT
HANDHOLE	EACH	25	9	7	5	4
HEAVY-DUTY HANDHOLE	EACH	4	2	1	1	0
DOUBLE HANDHOLE	EACH	3	1	1	1	0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL MASTER CONTROLLER	EACH	3	1	1	1	0
TRANSCEIVER - FIBER OPTIC	EACH	1	0	0	0	1
DRILL EXISTING HANDHOLE	EACH	0	0	0	0	3
DRILL EXISTING HANDHOLE	EACH	1	0	0	0	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	51	22	17	12	0
INDUCTIVE LOOP DETECTOR	EACH	53	18	22	13	0
PEDESTRIAN PUSH-BUTTON	EACH	7	3	4	0	0
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1	0	0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1	0	0	0
REMOVE EXISTING HANDHOLE	EACH	12	8	4	0	0
REMOVE EXISTING CONCRETE FOUNDATION	EACH	12	8	4	0	0
SIGN PANEL-TYPE 1	SQ M	6	4	1	1	0
SIGN PANEL-TYPE 2	SQ M	9	2	4	3	0
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	1467	233	224	222	788
CONDUIT IN TRENCH, 65MM DIA., PVC	METER	98	20	26	52	0
CONDUIT IN TRENCH, 100MM DIA., PVC	METER	62	44	14	4	0
CONDUIT PUSHED, 50MM DIA., GALVANIZED STEEL	METER	132	14	18	0	100
CONDUIT PUSHED, 75MM DIA., GALVANIZED STEEL	METER	137	51	35	51	0
CONDUIT PUSHED, 100MM DIA., GALVANIZED STEEL	METER	213	107	69	37	0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	1777	357	321	311	788
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	4883	1888	1985	1010	0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	731	457	274	0	0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	3706	1784	958	964	0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	486	105	285	96	0
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	METER	1018	368	342	308	0
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	METER	72	24	12	36	0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 3.0 METER	EACH	2	2	0	0	0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 3.65 METER	EACH	4	3	1	0	0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	4	1	2	1	0
STEEL MAST ARM ASSEMBLY AND POLE, 6.09 METER	EACH	1	0	1	0	0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 8.53 METER	EACH	1	0	0	1	0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 14.63 METER	EACH	2	0	0	2	0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 11.58 METER	EACH	1	0	1	0	0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 12.19 METER	EACH	1	1	0	0	0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 12.80 METER	EACH	1	0	1	0	0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 13.41 METER	EACH	1	0	1	0	0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 14.02 METER	EACH	1	1	0	0	0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 15.24 METER	EACH	2	2	0	0	0
CONCRETE FOUNDATION, TYPE A	METER	12	7.2	3.6	1.2	0
CONCRETE FOUNDATION, TYPE D	METER	3.6	1.2	1.2	1.2	0
CONCRETE FOUNDATION, TYPE E, 600MM DIAMETER	METER	9	0	9	0	0
CONCRETE FOUNDATION, TYPE E, 750MM DIAMETER	METER	50.6	18.4	18.4	13.8	0
DETECTOR LOOP, TYPE I	METER	549	160	227	162	0
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	METER	4222	1308	1275	839	800
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	METER	3600	1700	600	300	1000
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	METER	610	265	164	181	0
SERVICE INSTALLATION - TYPE A	EACH	3	1	1	1	0
LIGHT POLE, WOOD, 1067 METERS, CLASS 3	EACH	3	1	1	1	0
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	30	12	9	9	0
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7	5	1	1	0
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	0	0	0	0	0
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1	0	1	0	0
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4	1	2	1	0
SIGNAL HEAD, LED, 2-FACE, 3 SECTION, BRACKET MOUNTED	EACH	3	1	2	0	0
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	3	1	1	1	0
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	4	4	0	0
LIGHT DETECTOR	EACH	6	2	2	2	0
LIGHT DETECTOR AMPLIFIER	EACH	3	1	1	1	0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3/C TWISTED SHIELDED	METER	437	121	121	195	0
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	3	1	1	1	0

- EMERGENCY VEHICLE PREEMPTION (100% COST TO THE CITY OF BLOOMINGTON FIRE DEPARTMENT)

TS-01

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
TRAFFIC SIGNALS
SCALE: NONE
DATE: MARCH, 2009
DRAWN BY: RV
DESIGNED BY: AS/SM
CHECKED BY: MSA



\$FILES 10/14/2010 \$TIMES