

**BILL OF MATERIALS - TRAFFIC SIGNAL WORK**

DESCRIPTION	UNIT	TOTAL QUANTITY	111TH ST & MARSHFIELD	111TH ST & HAMLET AVE
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	2	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	12	7	5
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2	1	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2	1	1
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	12	6	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1
ROD AND CLEAN DUCT IN EXISTING CONDUIT SYSTEM	FOOT	1925	1025	900
CONCRETE FOUNDATION FOR TYPE "P" BASE MOUNTED TRAFFIC SIGNAL CONTROLLER	EACH	2	1	1
CONCRETE FOUNDATION 24" DIA.	FOOT	45	27	18
CONCRETE FOUNDATION 30" DIA.	FOOT	22	11	11
STREET NAME SIGN	EACH	7	4	3
REMOVE EXISTING TRAFFIC SIGNAL FOUNDATION	EACH	7	4	3
SOLID STATE FULL-ACTUATED CONTROLLER, 4-PHASE DIGITAL TIMING WITH SOLID STATE TIME BASE COORDINATOR IN BASE MOUNTED CABINET	EACH	2	1	1
PVC CONDUIT IN TRENCH 3" (SCHEDULE #80)	FOOT	112	35	77
PVC CONDUIT IN TRENCH 4" (SCHEDULE #80)	FOOT	151	110	41
MAST ARM, STEEL, MONOTUBE 20 FT.	EACH	3	2	1
MAST ARM, STEEL, MONOTUBE 26 FT.	EACH	2	1	1
MAST ARM, STEEL, MONOTUBE 35 FT.	EACH	2	1	1
ELECTRIC CABLE IN CONDUIT NO. 12 19/C	FOOT	1087	724	363
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	L SUM	1	0.5	0.5
SIGN, MESSAGE, ELECTRICALLY ILLUMINATED, FIBER OPTIC, MAST ARM MOUNTED	EACH	4	2	2
SIGN, MESSAGE, ELECTRICALLY ILLUMINATED, FIBER OPTIC, BRACKET MOUNTED	EACH	4	2	2
JUNCTION BOX, POLE OR POST MOUNTED	EACH	10	6	4
DRILL EXISTING MANHOLE OR HANDHOLE	EACH	15	8	7
COILABLE CONDUIT INSTALLATION BY DIRECTIONAL BORING	FOOT	948	498	450
PVC CONDUIT ATTACHED TO STRUCTURE 3" (Schedule #80)	FOOT	950	950	-
POLE, CITY, STEEL ANCHOR BASE 10" DIAMETER, 3 GAUGE, 32'-6"	EACH	2	1	1
POLE, CITY, STEEL ANCHOR BASE 10" DIAMETER, 3 GAUGE, 34'-6"	EACH	8	5	3
ELECTRIC CABLE IN CONDUIT NO. 4 2/C	FOOT	195	145	50
ELECTRIC CABLE IN CONDUIT NO. 12 7/C	FOOT	575	575	-
TRENCH AND BACKFILL WITH SCREENING	FOOT	214	117	97

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 111TH ST BORDER.DGN  
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 111TH STREET OVER  
 F.A.I ROUTE 57 (INTERSTATE 57)  
  
**TRAFFIC SIGNAL  
 SUMMARY OF QUANTITIES**

SCALE: NONE  
 DATE: 01/16/09  
 DRAWN BY: ACL  
 CHECKED BY: RMW

**TENG**  
TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
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