F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	161
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62387

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

ITEM	UNIT	US RTE 45/ILL RTE 21 AT APPLE DRIVE	US RTE 45 AT ILL RTE 21	US RTE 45 AT SEMINOLE LANE/OLD WILLOW ROAD	ILL RTE 21 AT SANDERS ROAD	INTERCONNECT	TOTAL
SIGN PANEL - TYPE 1	SQ FT	13.5	24				37.5
SIGN PANEL - TYPE 2	SQ FT		27.5	30			57.5
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	448	1252	492	130	873	3195
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	100	400	84			584
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT		5				5
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	120	126	48	78		372
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	35		90		534	659
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	192	311	233	66		802
HANDHOLE	EACH	7	8	7	2	2	26
HEAVY-DUTY HANDHOLE	EACH		1	1			2
DOUBLE HANDHOLE	EACH	1	2	1			4
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	750	1585	628	208	873	4044
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH					1	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	1	1			3
TRANSCEIVER - FIBER OPTIC	EACH	1	1	1			3
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT				290		290
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	291	455	350	600		1696
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1665	3150	1842	840		7497
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	543	800	296	615		2254
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1690	2770	1640	415		6515
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	30		120			150
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2	5	2			9
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2	1	1			4
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH		1	1			2
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH		2				2
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1		2			3
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH		1				1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1					1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH		1				1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1					1
CONCRETE FOUNDATION, TYPE A	FOOT	16	28	16			60
CONCRETE FOUNDATION, TYPE C	FOOT	4	4	4			12
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	23.5	47	20			90.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11					11
DRILL EXISTING HANDHOLE	EACH				2	1	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6	8	4			18
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	5	3			10
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2	2				4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1	1	1			3
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH		1	1			2
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH			1			1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	7	9	5			21
INDUCTIVE LOOP DETECTOR	EACH	7	8	6			21
DETECTOR LOOP, TYPE I	FOOT	183		448			631
LIGHT DETECTOR	EACH	2	3				5
LIGHT DETECTOR AMPLIFIER	EACH	1	1				2
(1) TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	1	1		4
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH			3			3
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH			1			1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT				1255	100	1355
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	1			3
REMOVE EXISTING HANDHOLE	EACH	7	12	8	2		29
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7	9	6			22
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT					2828	2828
PREFORMED DETECTOR LOOP	FOOT	298	383	66	79		826
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL II	EACH					1	1
SERVICE INSTALLATION, POLE MOUNT	EACH	1	1	1			3
UNINTERRUPTIBLE POWER SUPPLY	EACH	1	1	1			3
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT					2828	2828
ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	710	2050	695	185		3640
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	310	455	365	305		1435
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4, 2/C	FOOT		595				595

(1) BOTH TEMPORARY TRAFFIC SIGNAL CONFIGURATIONS REQUIRED AT THE US RTE 45 + ILL RTE 21 INTERSECTION ARE INCLUDED IN THE COST OF THIS ITEM.

REVISIONS	
NAME	DATE

SPAAN Tech, Inc.
311 S. Wacker Drive, Suite 2400
Chicago, Illinois 60606
phone: 312.277.8800
fax: 312.277.8808
web: www.SpaanTech.com

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES
MILWAUKEE AVENUE (ILL RTE 21)
SOUTH OF WILLOW ROAD TO SANDERS ROAD

SCALE: NONE
DATE: 02/05/08

DRAWN BY: RAS
DESIGN BY: RAS
CHECKED BY: ADO

default
untitled
P:\0167000 - ILL Rte 21- IDOT Dist 1
P:\0167000 - ILL Rte 21-IDOT Dist 1\Working Files\Drawing Files\Sht\FinalTS\TS-1.dgn
1/30/2008 1:34:27 PM 20.0000 ft / IN.