

68370 - SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	70
SERVICE INSTALLATION, TYPE B	EACH	1
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	842
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	276
UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	151
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/2 NO. 6	FOOT	1758
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
MASTER CONTROLLER (SPECIAL)	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1966
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	2430
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	1570
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	56
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10
INDUCTIVE LOOP DETECTOR	EACH	12
DETECTOR LOOP, TYPE I	FOOT	1433
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
PHOTOCELL RELAY	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1
LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT	EACH	2

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE IL 8 & SCHOOL ST.					
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE	CHANNELS REQUIRED
D-1	6' X 50' QUAD	162	46	1	1
D-2A	6' X 6'	24	18	2	1
D-2B	6' X 6'	24	6	2	1
D-2C	6' X 15'	57	7	2	1
D-3	6' X 50' QUAD	162	21	3	1
D-4A	6' X 50' QUAD	162	23	4	1
D-4B	6' X 15'	57	10	4	1
D-5	6' X 50' QUAD	162	54	5	1
D-6A	6' X 6'	24	18	6	1
D-6B	6' X 6'	24	7	6	1
D-7	6' X 50' QUAD	162	37	7	1
D-8	6' X 50' QUAD	162	4	8	1
TOTAL:		1182	251		12

SCHEDULE OF MAST ARM ASSEMBLIES IL 8 & SCHOOL ST.				
REF.	LOCATION	TYPE	LENGTH	FOUNDATION DEPTH
MA-1	SOUTHEAST QUADRANT	S C MAA & P	48.0 FT.	13.0 FT.
MA-2	NORTHEAST QUADRANT	S C MAA & P	55.0 FT.	15.0 FT.
MA-3	NORTHWEST QUADRANT	S MAA & P	48.0 FT.	13.0 FT.
MA-4	SOUTHWEST QUADRANT	S C MAA & P	54.0 FT.	15.0 FT.

SCHEDULE OF HANDHOLE QUANTITIES IL 8 & SCHOOL ST.		
REF.	LOCATION	TYPE
DH-1	NORTHWEST QUADRANT	DOUBLE
HH-2	SOUTHWEST QUADRANT	STANDARD
HH-3	SOUTHEAST QUADRANT	STANDARD
HH-4	NORTHEAST QUADRANT	STANDARD
HH-5	EASTBOUND ADV. LOOPS	STANDARD
HH-6	WESTBOUND ADV. LOOPS	STANDARD

SCHEDULE OF SIGNAL HEADS IL 8 & SCHOOL ST.			
QTY.	UNIT	ITEM	LOCATION
2	EACH	SH, LED, 1F, 3-SEC, BM	7,17
6	EACH	SH, LED, 1F, 3-SEC, MAM	2,3,6,10,11,15
4	EACH	SH, LED, 1F, 4-SEC, BM	4,8,12,16
4	EACH	SH, LED, 1F, 4-SEC, MAM	1,5,9,14
1	EACH	SH, LED, 1F, 5-SEC, BM	13
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED	1,2,3,5,6,9,10,11,14,15

REVISSED 2/24/12

FILE NAME =	USER NAME = howalder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 399 (IL. RTE. 8) TRAFFIC SIGNAL SCHEDULE OF QUANTITIES - SCHOOL ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\IL 8 ITS Fiber Plans (68370)\IL 8 ITS	Plans\04-Rte8-sht-TS-School 10-21-11.dgn	DRAWN -	REVISED -			399	*SECTION	TAZEWELL	390	256
PLOT SCALE = 40,000 FT / in.		CHECKED -	REVISED -			CONTRACT NO. 68370				
PLOT DATE = 10/25/2011		DATE - #DATE	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: AS SHOWN SHEET NO. 2 OF 7 SHEETS STA. TO STA.						