



BILL OF MATERIALS - IL 40 (KNOXVILLE) & IL 6 NB RAMPS TRAFFIC SIGNALS		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	EACH	88.0
SERVICE INSTALLATION, TYPE B	EACH	1.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	286.0
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	30.0
UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	4.0
CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	20.0
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2.0
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1.0
ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6	FOOT	5046.0
SPAN WIRE	FOOT	360.0
TETHER WIRE	FOOT	360.0
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	3.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	1046.5
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 12 5C	FOOT	810.0
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
DRILL EXISTING HANDHOLE	EACH	3.0
INDUCTIVE LOOP DETECTOR	EACH	6.0
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	6.0
DETECTOR LOOP, TYPE I	FOOT	387.0
TRAFFIC SIGNAL WOOD POLE, 45 FT, CLASS 5	EACH	4.0
STEP-DOWN TRANSFORMER	EACH	1.0
FIBER OPTIC SPLICE-MAINLINE	EACH	1.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1.0
SIGNAL HEAD ,LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	6.0
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1.0

ALL WOOD POLES SHALL BE LOCATED A MINIMUM OF 24 FT. FROM THE EDGE OF THE TRAVELED WAY IN ACCORDANCE WITH CLEAR ZONE REQUIREMENTS.

ADVANCED LOOPS SHALL BE LOCATED 330 FT. FROM THE STOP BAR

THREE 1/C #6 CABLES SHALL BE INSTALLED IN THE EXISTING INTERCONNECT CONDUIT FROM LINDBERGH DRIVE TO THE PROPOSED CONTROLLER FOR ELECTRIC SERVICE (240V).

THE REMOVAL AND REPLACEMENT OF SHOULDER FOR INSTALLATION OF THE DETECTOR LOOP LEAD IN AND CONDUIT SHALL BE INCLUDED IN THE PAY ITEM FOR "DETECTOR LOOP, TYPE I"

THE CONTRACTOR SHALL INSTALL TWO 3" CONDUIT STUBS IN THE DOUBLE HANDHOLE FOR FUTURE USE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM FOR THE DOUBLE HANDHOLE.

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE					
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE	DETECTOR CHANNELS
D-2A	6' X 6' (ADVANCED)	24	6	2	1
D-2B	6' X 6' (ADVANCED)	24	15	2	1
D-6A	6' X 6' (ADVANCED)	24	6	6	1
D-6B	6' X 6' (ADVANCED)	24	15	6	1
D-7A	6' X 50' QUAD	162	10	4	1
D-7B	6' X 15'	42	35	4	1
TOTAL:		300	87		6

FILE NAME =	USER NAME = howler	DESIGNED -	REVISED -
pt:\allen road\Allen Road Temporary Traffic Signals and Lighting (Final 1-30-14).dgn		DRAWN -	REVISED -
PLOT SCALE = 75.0407' / in.		CHECKED -	REVISED -
PLOT DATE = 1/30/2014		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNALS
IL 40 (KNOXVILLE) & IL 6 NB RAMPS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6584	105: (72-7HB)BY	PEORIA	487	263
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 68683	