

TRAFFIC SIGNAL QUANTITIES

LOCATION: US 24 @ IL 96

QUANTITY	UNIT	ITEM
-	50 FT	SIGN PANEL, TYPE 2
120.0	FOOT	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.
190.0	FOOT	UNDERGROUND CONDUIT, PVC, 2" DIA.
180.0	FOOT	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.
55.0	FOOT	UNDERGROUND CONDUIT, PVC, 3" DIA.
12.0	FOOT	UNDERGROUND CONDUIT, PVC, 4" DIA.

EXISTING LIGHTING UNIT  
TO BE REMOVED

1	EACH	INTERSECTION MONITOR UNIT
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET
1	EACH	TRANSCEIVER - FIBER OPTIC
1696	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C
1165	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7C
95	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 9C
13	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6, 2C

COMBINATION LIGHTING  
2-250 W HORIZONTAL MOUNT LUMINAIRES  
ON TWIN 15 FT MAST ARMS

NOTE: RUN ONE CONDUIT UP THE SIDE OF UTILITY  
POLE AND CAP FOR PHONE SERVICE INSTALLATION

COMBINATION LIGHTING  
2-250 W HORIZONTAL MOUNT LUMINAIRES  
ON TWIN 15 FT MAST ARMS

EXISTING LIGHTING UNIT  
TO BE REMOVED

1	EACH	UNINTERRUPTABLE POWER SUPPLY, STANDARD
20	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED
4	EACH	CAMERA MOUNTING ASSEMBLY
1	EACH	SERVICE INSTALLATION, TYPE A
7	EACH	HANDHOLE
1	EACH	DOUBLE HANDHOLE
1	EACH	VIDEO VEHICLE DETECTION, 4 CAMERAS
645	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6, 1C

970.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 3C
459	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-12/C, 1-12/C GROUND
4	EACH	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
1	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 15 FT.
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
15.0	FOOT	CONCRETE FOUNDATION, TYPE A
50.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
3.0	FOOT	CONCRETE FOUNDATION, TYPE C

REVISI REVISION SHEET 2-19-13

FILE NAME	USER NAME	DESIGNED	REVISION	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						63	11N/TS-2RS-5&7BRS-3	ADAMS	194	135
									CONTRACT NO. 72E31	
									ILLINOIS FED. AID PROJECT	