

PTZ CAMERA INSTALLATION

NEIL ST.
&
I-74

(NOT TO SCALE)

CAMERA & CONDUIT /CABLE LAYOUT



REMOVAL OF POLE FOUNDATION = 1 EA.
POLE AND CABLE REMOVAL = 1 EA.
REMOVE EXISTING SURVEILLANCE CAMERA EQUIPMENT = 1 EA.
SALVAGE EXISTING CAMERA

LIGHT POLE, GALVANIZED STEEL, 50' MH
CONCRETE FOUNDATION 30" - 8' - 15" BC
INSTALL PAN/TILT/ZOOM CAMERA

INSTALL POLE-MOUNT CAMERA INTERFACE CABINET

INSTALL UNMANAGED ETHERNET SWITCH
IN PROPOSED POLE-MOUNT CABINET

BILL OF MATERIALS

NEIL ST. & I-74

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	247
LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	7
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 12 1C	FOOT	348
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 3C	FOOT	383
DRILL EXISTING HANDHOLE	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	3
CLOSED CIRCUIT TELEVISION CABINET	EACH	1
LIGHT POLE, STEEL 50 FT. M.H., TENON MOUNT	EACH	1
ETHERNET SWITCH	EACH	2
CLOSED CIRCUIT TELEVISION CAMERA	EACH	1
FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	429
REMOVAL OF POLE FOUNDATION	EACH	1
POLE AND CABLE REMOVAL	EACH	1
REMOVE EXISTING SURVEILLANCE CAMERA EQUIPMENT	EACH	1

2" PVC CONDUIT - 247'
1 FO 62.5/125 SM12F; 1 NO. 12 1C, TRACER;
1 NO. 12 3C, SIG.
DRILL EXIST. HANDHOLE = 1 EA.

EXIST. GS CONDUIT - 2 1/2" - 87'
ADD: 1 FO 62.5/125 SM6F; 1 NO. 12 1C, TRACER
1 NO. 12 3C, SIG.

(2) EXIST. GS CONDUIT - 4" - 14'
ADD: 1 FO 62.5/125 SM6F; 1 NO. 12 1C, TRACER;
1 NO. 12 3C, SIG.

MODIFY EXIST. CONT. CABINET = 1 EA.
RE-TERMINATE EXIST. FIBER &
TERMINATE NEW SM6F IN NEW
ENCLOSURE

NEIL ST. & I-74 WB OFF-RAMP

MODIFY EXIST. CONT. CABINET = 1 EA.
RE-TERMINATE EXIST. FIBER

NEIL ST. & KENYON RD.

MODIFY EXIST. CONT. CABINET = 1 EA.
RE-TERMINATE EXIST. FIBER
INSTALL MANAGED ETHERNET SWITCH

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pw\work\p\id\ceerlockjd\0340463\PTZ camera plans.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 6/26/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	FY2014 ITS-1	CHAMPAIGN	71	36
CONTRACT NO. 70A26			ILLINOIS FED. AID PROJECT	