



THE CONTRACTOR SHALL INSTALL THREE #6 1/C XLP-USE CABLES FROM THE EXISTING LIGHTING CABINET TO THE PROPOSED POLE MOUNTED EQUIPMENT CABINET.

WORK PERFORMED BY OTHERS:
 FIBER OPTIC CABLE SHALL BE SPLICED BY A CONTRACTOR DESIGNATED BY CENTRAL MANAGEMENT SERVICES. LATERALLY FUSION SPLICE SIX SINGLEMODE FIBERS FROM THE EXISTING CMS FIBER OPTIC CABLE TO CREATE A LINK TO THE PROPOSED CCTV CAMERA. THIS WORK SHALL BE PAID FOR UNDER ARTICLE 109.05 OF THE STANDARD SPECIFICATIONS.

THE SIX FIBERS SHALL BE TERMINATED WITH ST CONNECTORS INSIDE THE PROPOSED POLE MOUNTED EQUIPMENT CABINET AT THE CCTV CAMERA.

THE COST OF DRILL EXISTING COMMUNICATION VAULT SHALL BE PAID FOR AS DRILL EXISTING HAND HOLE.

Location No.:	CCTV #3	LOC. DESCRIPTION	KELLER DRIVE				
County:	EFFINGHAM	Route:	I-57/70	M. P.:	160	Direction:	NA
Description of Work		Unit	Quantity				
UNDERGROUND CONDUIT, PVC, 2" DIA.		FOOT	370.0				
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6		FOOT	400.0				
DRILL EXISTING FOUNDATION		EACH	1.0				
DRILL EXISTING HANDHOLE		EACH	4.0				
CLOSED CIRCUIT TELEVISION CABINET		EACH	1.0				
CAT 5 ETHERNET CABLE		FOOT	50.0				
CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED		EACH	1.0				
FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE		EACH	1550.0				
FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH		EACH	1.0				
CIRCUIT BREAKER, 1-POLE, 20 AMP, 120V IN EXISTING CABINET		EACH	1.0				
COMMUNICATIONS VAULT		EACH	1.0				

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
ci:\pw\work\p\dot\teasleyck\d0360593\07	4643-shr-plan.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/26/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**Keller Drive and I57/70 Interchange
 (CCTV Location #3)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 ITS 2014	VARIOUS	72	32
CONTRACT NO. 74643			ILLINOIS FED. AID PROJECT	